## THE

## GARDENERS' CHRONICLE

AND

## AGRICULTURAL GAZETTE

FOR

0
1869.

placed betñeen 1220 t 1229
The add. bro. Homes t Sinning News te for fol $\$ 68$ one bound booty porn- of Volume.

LONDON :
PUBLISHED FOR THE PROPRIETORS,
AT 41, WELLINGTON STREET, COVENT GARDEN, W.C.

Londow:


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$\qquad$ Humord ontmox，Hoses，swoot Violots


## Bedding－out and Hardy Clumbera．






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 Gtandard Roses，and Dwarf Maiden Feaches

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asforled Collertons，to produce the most effretive display．See preceding page

Javgr Carter of Co，are prepared to supply on the
 New Varieties of Coleus，
 Socipty，and purchased by them at the E＇ut ist su 1 ton on the 10th of December－
COLETA HER MAJESTY．－This yarety ta of very frod hable，nod

of Wates．It is，fomefur，very ellact ro Frice to thenh，



COLEUB RRINORSS OF WALES－Xblo han nitil less yoliow thin mich mors dactited and doeper slow of purple．Price is thotb COLROA PRINC＇E ARTRUR The lenves of then wriety bave $n$ pranapar velas aro bestity matket with dect parplish Tod，th mungialso being red Theae narkings give tho plath rotber
 The wet of four for its．

New Double Zonal Geranium for 1869，


briduegy of colour．

 add dnazling ornnge－wariot poinur

Lilium euratum（Colden－rayed Lily）
Fresh faplorted Baibs，2n．Bd，enth，ath apmonde．

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CTTA An CuMEIFTE（OLINGTOYS of SREDS






Itat of enpterts of the aluwe on nit tathon，and auy nathole not


Sorrow \＆Bors，Seedsmea to tho Quiven，Hewlug．
The Gardemerse Chromitte．
SATURDAY，JANUARY 2， 1869.
In reviowing the events of the Past Year in its horticultural aspect，we can no more halp calling to mithd tho political doungs of the same period then，according to Shargpeate，the gardemers of Richard wite Second＇s time did moder simular circumstances．＇In matters political there be those who would，in the words of our great dramatist－
${ }^{2}$ Supertctoua branclica
Lop nwey，thast bempring boughan masy liva
While，on the uther haud，there are others whose policy is to
＂Give somo supportanco to the bendirg twige，
Forturataly for 13.8 in regerd to thee matters AII must be even in our govornmeot
while in mattera puraly pertajning to our creft and wherein our neutrality is not enforcad，there is happily，in spite of minor differonces，a unammity of purpose and a sanglenass of a m dreating alil our efforts to

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Trize，the means of doing tlus are fery ynaced Whlo same

C＇ut off the leads of too font growing sp－ays，
others
The noinome wecha，that withutit jraytu brict
TLe suil s fertult 5 frum wholemino fowere
And so in gardenng matters－using tho phrase in its widest sense－while the aim of all is the general adrancement of the craft and of the craftsmen，the means of effectiug this end are not a lattle different．Speaking broadly，thero aro thowe whone anxious folethurht and wathent caro are made tramereat by the brillabe and suld results they latioh on our exhibition tables，whale there aro others gqually hard working，with the melf－same ultumato object in wew，joying in their work，though with a eense that the＂results＂ may not so speedily be realised or presented in bo athrative a form．
Among the Horticuitural Exhibitions of the year the two most noticeable were those of Ghont and Loicester．The former，which was of en international character，wha agnin strongly suggestive，as most of the forcign showa are，of the desirableness of a more picturesque arrange－ ment of the plants brunght together－a feature which to some extent regculates the prize schedule，inasnuch as such bold objects as farge Yalms，Ferns，and Cycads，are more fraely uged than with ourselves This pisturesque disposi－ toon is obtained manaly by the economical abandonment of staging，tho dwarfer plante being set $\epsilon$ masse on tho eurface，and the taller ones used either as＂starers＂to break the view at particulay pointe，or to hide the retaining walls．Single grar oful plants set up thas on slender pedestals，here ant there，produco far more effect than when all are etared alice in formal phalanx．The Letcester show confirmed the experiment of the preceding year at Bury and though not so sucesefiol in a pechatary sence，fhowed conclusively that the provincial fistes of tho leadisg lerticuliural hody must to a greater or less extctitur up the horticultural
talent of the country，nind thus be productive of benofit both to gardenngy utd gardenets
Another feature，wh，ch wo way certanly note with pleasure， 18 the steady progress of the taste for spring Gardoung It in not overy whe wh could hope to compete with Clivedi a，Belselr，or Nunehnci in these matters．it is put every oure Who is endowed with the tadio Todze，but there is
 tender children of the opring．
Turning to other dopartments－the establesh－ ment of a Screntific Committee by the Royal Horticutural husiets to cu－ciperutu wilh tho lation 1）seusemon by men comphtert in the15
 sion－will be manat serficeablo in in any inatter＝

 manneres to the growth of particular I lants，the best unoden of pruatug，atid the lihe，catmot fail to do grool bervice．evirs of they in tid elatirety settle the porinta in diapute．One thing to may remark with refirence tos the cominitter If it

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 to the present tumo our own columis have，as we belinve，formed almost the only channel through Whech the donges of the conmitten have benn
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cation 28 another of the features of the year．Wo do not heeitate for a moment in aaying that this work will exercise a powerful influencu ch
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 whick the thoughtful preotitioner will not fail to turn to good umount The wisk in puestum ring well oncuurayo obserners to recorl the reesulte of thair experionce，when they see the use made of
them．In thut miuc it with pun itary pimature that we find our own colutanes，and those of our contomporaries，have farnished so many feote and illuatrations to the anthor．

 Still we haw had to latent the lose，within the cycln，of persoors on mitimately enntimetely with
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 With what has been ilurs in the lontamitural Forld，and to $n$ ford thom a free atage for the
ducusion of all matters of interest to them

Thanks to our correspondents，wo hure bern
onabled to givo iflustrations of gardening and onabied to grve inusuate maters，not in this country but from chas，to Peru－at any rate，is Tuscaly
 and in Spain．The year before us is one that promises to be full of netherent ampmanes
 chronile of of the arents．
TAST Tias recentls publathed itipte number of M VAN Hourre＇＂Flore des Sorres＂containe piotures of some remarknbly beautiful in overiticular，called Fllcur ils Flandre，is the mart clarmmog we bave jet seen one of the droosing fllwered race，the corolla bing Tho tilke，thicla，beyon t ith，to the base，is mirmute y



 catcrey has 3 minat charmme elfect Acother，mheol Rose et IIermine， 15 erect－1lowered，wlite，with thee lash almant wholy of s mott，ell carmulur int（es，n－
 cis enrmine rose dasiect with hlace Cordun lasalk le cf a chrmine rose wathed with a narron belt or elks．


 the ower ingt of the thes grie and spotted the wipher part and 138 thriat of a deep，rich purple－crinison， co，ourede equally al，round the tube，thas, ass．ag niff tuto bright carmine over the centre of caich lumb begment and surrounded \＃th a broad edpinu of white．These lovely thowers bave m onderfully rmproved of late and
II IS 11 II rT1

 alluded to in our list of Plant Portraita．
－－We have before as fine blooming epecimetas of Ge noble Lasiandra Mackavirid，goat us by Mr． BL LL，whith klinws that the flowera of this pram

 the blosom are even now narly fire melheq arrows
 been reproduced in any of the illnstrations which have sot appearred．

We are requested to state that the pamphlet alsertised as＂Tha Ivproved METHOD of Growing Fawr，is by the Rev．JFO．FOUNTA INE，and 18 mereiy
B Elyght variation on orohard－house gulture．The zulb－ A slight variation od iorosirc－house culture．The
－For the beneat of a rapidly increating（lags，we GaEDENING，by one of the most mosenful pras－ titioners of gardeping under difficultien．

## APPLE STOCKS．

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 to lead to tha plantinu hera alome op plestocis，and
 kisey atichapro if，habit to if rle trim，that matal
 fon mber ant were equalis crowded with frumt，althoug it
 ratadise stookn，Mr，Baoth，of Crawlente，has，I belteve， Mr Robiason＇s assertion enabled to contradict docidedly Ar Robiason＇s assertion in a contempprary，that the
terma Fngliwh l＇armisi 15 a misnomer，if by that




 3．The stas for that，and al other carduris furfish
call on Sr Flemang st Treatham，be mapotioned this



 trees．





 entertanmed that the sine of I＇si， $\mathrm{y}^{2}$ was in frisen．a fir leelami ats）（＇tiont rlace Eden inil









 I call it int promy sturk，It is i，tue same habity partes，制 that an Apple tree gristed on 15 at
 grven to this stock probably ha 1 ta orik in in the In the middle of the 17tin eemtury liers masel the c＇ontiment than in these times，and the looked upor with great interest，and




 acema hover to beve mide misha frogrese

 seen），and then going out，gis has bean the adies fashons，for doubtiass onignoms
before the Plood ：In Miller＇s time（the w lat contury＇ $1 h_{\text {se }}$ Fren it

## ${ }^{1} 1$


 boen mach men it in equal $t$ elaposo hefore wo monted it： sprecial correspondeat mernan t
pratees The truth，I betuse
perfeot wal al in mrilytiv


 ther nern erwitea hem，at a hat fens were me
 30 with them，Jut 1 eoon frin，that the ght ead ormards．I platertad socso Ther sire al il bet If have in a preoeding paramraph do fruth，be equally peremptory with Appie traes grafted on the Fratuch
being fit for horizontal Wire I simply and deoidedly aseer that thoy are the most unfit of all
bent down in be fastune ！
clustera of blossom spurs at the beti 1 ，thast enoukh of vital roroe in the stroek lo in giging；thos，fired to the wire，pred oniy tor they are long before they tounh asch othen pleasant to take one＇s friend into the thats
 st a $\mathbf{k}$ ，on the oontrary，forms a nioe contedtic be fraft +11 or to the brother in frout．
how，am compelled to be deolsive ，Whe gold alayey mild tham in those that to is the exart converse of Paralima stock requires a

## THE GARDENERS' CIRRONTCIE AND AGRICYLTURAL GAZETT

sum of the cultivatons either unsled Mr. Kubua-


ヶ,
 meit favourite with the Prench wook there tat he grem a number of trees in pote the the - irm trat t me t, t, it premat 1 and never



 :inet Al plas were in int h, juarat






 Pith the fir liont'II in and many othe





 tab or other Apple stock close to the ground ome graft, snd when that is arown to the ground



 1. H.me, Bemer Fuace, and G armen's Horramot al med ir lie Fren h c"ata, orp les as sur
as aths they graw and aon fort.je they
 thinta in E ran e to a mallal, axterit Lefore that
 re wis. tms mode of suproving frut trees, but
 If exper hieled

 ift as bell indate the trunjen plangh al the
 100 feot by at foet costion 150 in ot Pear-tree nt woud crost syut, for no ugly eopings aro !




 no $\mathrm{an}_{1 \times 2} \times$ cty abroct frnats and storms

$-1 \mathrm{H}_{2}$ - mround

## atwe, at a theserequite to becarried fomert,



 II ins, so that they may reat there $\begin{gathered}\text { fors rise are }\end{gathered}$ thy It will be worn that both fire weoles


 Han tio Dear reative. $T$ tos $R$ Ruters.

JHI A.NCLL DHAWING.-NO. Y.

 lituls on botancal drawing, from my ben, mithil Chronicle Yieldisg to tharer siperar, ulument-
 ell - 1 ghatl venture to mane 3 fest remarks, Whach in If rlay the others musy he of come sert co to thoso who are amt at ors of duaz correctly what ang one 3 1 Late frequezilly heard the remark, that Mr an-anl so is a good colourist but a bad droughts

 ent the ndondull fis as well that correet dravsor tien almerire of the former caunt be compensated 5 any exreflime mp the 1.ter Most beguvers on flewer draw.ak are desirous of rusling into cuour hefore they ans shetis-idatrare hat the most gorsere is datab howeser luthared ir mentrectiy drawn is only

 thabmerval.on
[ In ay hati* ovenson hereafler to say somellimer
 prote and a mere priture is strietly botacical
 rectis drawn ans coilusel A fints drasion $n$, rroup 12 proi ortion 1 the number of planty
 is no lathar lost. I zayy stato tiuat thes depencence upon the asralessuese of the observer is treay Treydenty cartied too far-and if at all times far from namg frofus ors of fower jrawang are not callealated amprove tree pu!d. tiste for the doman of Flora




 reatant to bitanaeal or flower drawson. J ader ng fro
 tall if tha parpis but mashered hald tha mater that en*is util so triflime intactomithibliment. I need not fate on the uschulfiess to rurdeners of a hansledgo skotehing, not flowars oniy, butangtinig in the way thetr grofession, for many have exprased to me daenr rograt at the r mability, beng delerred from
testar it oy inaisanarg dofieultips I may state at of sha shetion is oflon more explanatory flat lpatrption and to millectors and cuitisators,
 Wha + I hope mill be of assistanue to baginemers rinark comarg the dafliculties they tiaf encounter io therr fir atteripls The samplo means I trave employed in the course of some yesrs'experienoe wit be fombd amplizab eytally to dravtag dried as well as lyping fanta.
I may promise that a knowlodge of botany, however Elight, is of great uso in onsthling the artust to awoid tho ab edrisur ra mory a oforma, riambir | tnforior owary whon it should have a superior ome, and Fwe vera: "I lave frequontly sema such neatativel rustruchive hiltistrations of grmance, - quita loez ctale, for a latle snowlerlze would enable them to be furasul an exampio than at warnatag if. $H$ Forke should

## PORTLLACAS.

Tres hat dry stummer brought out in fill force the Fal ie and beauty of theso superb annerals, and those Horturn the bel of douhle vartaties growing at the Royal
condal hardis fai to have been totrick with its may appearance. I am not "ertan, howffer, that the dnibbla reallj arlan to tho wae of the atler for deancatige

 Yinlet rose, showy and handsomo, surea fl -pl phares fl.pl if. pi, a prala form of eplendene, sul neroptable as a viriets, and arbin iontiog, but ye It was noticeable about the roilow - colourny white that only a fer of the flowers canowe frale, a large pro portion being the sulphar-coloured kind
hlipn well-grown, the Portulacas are remariathle a levorathoni of beds, wases and are well adaptad for the alevorathand of beds, vases, or rooktork, or they can be arna fri mamps, or in pots, and eqen usad for edgage an have the full benefit of ahoded them burf to rave tho plants in a gentie wermth, in combon with most half-herdy antiralg, using store compont compounded of sandy peat, leaf-mout, and charre
earth, urd ebout Jtne plapt in tho oper ground

Measrs. Carler \& Co. recomment that when planted gut, minch or two of hme rivoisb, burzt earth, and Ind, scoutd be placed ovar the border, this tend


 thank farm barron deserve
 parued in past tames-the fortuas:1+ile

## CORDONS $r$ OTHER MODES OF TRE [T Gloohin

at p. lis1s of jour last volume Mr lobiason elvances 12 reasons why Cordou Apples should be arown in preforence to all others. I highly approve of compari-on aud relert nee and paces the merits of this comparisin aud recert nee and pares the nerits if hats no prefullee apanint cor ohis, ou the tontrary, I like the systam well, but 11 ke codacal frainang belter liope, therefore, that sfil $4+1$ bo grod cnough to repran Mr Robmon's 12 recommendations and the 18 answers of the pramidal trees stae by sode -



 ITulace 1.
3. Ttue graw is iq warfor 3. We produce frait at a foot







 than asy viater form








 Although Mr. Robinson mays that these 18 merits are

## 








 atetement peote, that a meta* will nat doents the kinstiat
 Hat, but suul, statchetits curett to be backed up with comomore definiteloformation than a ramblang zocount






 offral live

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 the lomi IIIt,

 commetued the er ah, and uther trit is. Far the







 and thent titain hita) 111 lif latistoml and whe of lite town of the pow ler intor: it. " Doul ti.
May j be allowel in in, era if Mr Eamilton how
 master als $\mathrm{H}_{4}$
 this protty woll, I shall pert as much inith in the yowder, whish on thin did in the manatabame flem


## ?ome Corrsponidente

Thamed of Planta in tur tine ane the meating of

correspondento thought it, of French origit. The There is


## 





Water Tanke-A ${ }^{4}$ Sabscriber," at p . 1817,1868 , atk or inf armation relative to a water ialin Hzwifa bas








 bollotin, कpotion of allma lime wan Falemp, and 1 h Ler elioned to itrybefore the water weslet hist it li lis



y yeare 'lhematar for shart time anm tapt tian
ar bit it mil morn Wiar siff, hat if tha tar is firat Ofet flia watar ranmit njurp fante $J \| F$
Otchard-house Letteces - 1 foew whi as int lea sonti

 he rontre haitafen esth mif, is devilel tol winter


 ficumb; it 18 , however, probably en improve I tar nit


 uriutia lurtmrin hiew averor t.me isth gardeners have








## 




 ouba busuif larits in ulamt themation anan tho








 over w th theme athit not on 5 leepst the bird.
 m. . $h$ in mosierate besun is without wh tro able baty to Hie tury



## Adolteratio

of Beoda.
























II, a Peach ripens just belore Linte Admars ${ }^{\text {b }}$
[Tho Princest of Walest l’min yjpeng, Ms Mr
Stind just before Iate A animble. Tho disent
in the twi, reprorts mas be a 1 teal for

| Jumezonn watararan me, rian nel $B$ |
| :---: |
|  |  |
|  |  |










 gaven lowers, the other six had 3ix each. Thin individual fowers measured 42 inches across, the flower-
 thes minute in describsag the plant, is I hold that the

## dearoen guerations.

## (For the onveing veed).

Anowast Orchide, there are some varuthes ri 2\%70. peralum whish have lates flowered, and wherth in a

 thets in the lighteot und narianet riter of any derud



 this dull season, are very much esposed to the attaukk
 yook beivg fingifintively gought after by woot, wre them, it is st all tupees ndyusble to place them ou $r$ pans that are constuvtly filled with water. Thits has it
 ent to syringe the plants, or to affiord \& peneral boay of of evaporation constantly goink on will prove a valunble assistance to the youg gituming Funk have found that the pretts Culte-1.he $/$ thonet












 encouragement in arod, ariad any that are sulliciently






 Cf Lesat arot 1 , " 1 , witmen,

## 

Take alrautacia of every rey of Etlmizht in th, denartment to affor ! morn at with is is Ia a large
 should be undertamu, are the twa ir ma morers in
all catrea pertaining to the growth of vergetation; and moisture is the Faluable and necessary ally, and can




 darpine or decay, does cause infurs to the deligate ortanism, however mipate or inappreciable it may be. Wo partcular, in increasidg the amount
derallme tif the former. The whole surface folioge of forred plaits should be perfectly dry once st least in every iwer ly-four hourg, Should we bo favoured with




 Etuch trying pertods, Fige in pots intended for ar early aupply of fruit istonld not be plutured into a toort

 previous to tho sctital formation of leaves aymaged











 are

 Flantcul if tiog ate refis ril til themer that meason jow shoming throuzh the ground, key also be take


## hardy frot garini

Proceed with the pruu; ing and nal.ng of Morello and other Cherries upor north walls during mid

 fruitiog portions Which do not seem hakely to bear again, or which may be replaced by younger and more henllay shoots. I bave observed bieck-ny stil alve apon come Cherry wood, so that without rather bever





 fore, be retained, iffrustfulness is intended; should the formation of fresh and younger wood bo required, the removal of theso in parts or wholly, will of course be nccessary.

## kitchen Garden.

Where Shubarb and Seakale are forced in Mnsh-room-houses, or other simular plateg, it is advisable to


 Ina e then a slate, 1111 . clent of frosty weather








Tiff grithepal operatana to be parformed now in the town garden is the prepiration tif line ai il J slin!,


 the nutment taken up by the roots. Not only sa the I tu the course of tume exturusted, by the piants with-


 therefore, as rat la of the nit mol as 1s ubith fur vis: tation mitit bn removil, ath 1 is place Ellppled wild






 much as pumbie ate be'lla deer the to us every fine erenina ahould he had recoursa to, and this, with a
 ateritiere bly muith ne thon rumts and sirinatg

 ant - sulere it tas halerto been $t$ mula it is fionit to kreps them harely alise This to stad the t...ne t intiend




 dry and clean, and have plenty of nir; they must also be well protected from frost $J_{.} D$.

##  <br> 





HLRIFh't MISKY- WITE POTATO,


Whee:er's Tom Thumb Lettuce. 1For, akku:
MEELERS COCOANETCADD\&GE,

Wheeier's Guinea Collection of Garden Seeds
 HHLILIT:S LITTJ,E J300K for 1860, I res od. poat freet.
 so, Mark Lase, Londod, E. C.

## Wheeler's Muly-White Potato.

This in the beat of a 1 Potates.
 nad s,uramis Tatruicer

Wheeler's Littlo Beok for 1869. Triea Del, pont frba.
 $\pm 1$


Rainham Kentish Early Kdaney Potatios.

$234 \% 236$ \& 261 . MTGE HOLBORN, LOXDON, W C.

## SEED FARMS

east house farm, dedeay, bssex; the arti labm, ot isyth, fshex
 GDD' Hocse farst, ArdLefgit greex pafze medallists
LONDOK.
PARIS.

1862.

To Landowners, Whether Tenante in Fee or for
Lfe, Estate Agentr, the Clergy, TПITE LANDS IMPHOVEMENT CJM TIIE LANDS IMPHOVEMENT CDMPANY

 TIB GENERAL JAND DRADNAGE ani IMPLOVEMENT COMPANY.
 Tho RL. Hon Vibent Cumtanucre I. Buloy Deaton, Princlpal Kogimeter





 may be chnryod ap the Estate for a ferta of 5 emb, to hofled by the



## The Agricultural Gasette.

SATTRDAY, JANU'ARY 2, 1860.

Is anyboly satsfied, or ought any person to be satusfiel, with the existing Cosming of AcmCritene and of agricultarists in the country?
Rents, mded, aro gradually mong and the Taluo of land for sale is meriasing eren faster than ats zalne to the trmang tomut. Tho landlord, therefore, probably least of all has yeason to complain. His socal suluremacy remans unchallenged, his walth merchees with ovcry agricultural improvenent, an l , as j 1 ist siggested, it 19 still more intluenced ly ertery addition to the wealth of all other classes. For the adrantages of h, 8 position-whether its politual adluence, its personal endowments, or tho ellouy ments of life within its reach-le is onvied oren moro than eser hitherto, and on all those grounds he is quite as much as ever to be enngratulated. And thoush ever ho is ofter shackiod uld disubled by condt.tons sery mueh of his own creaton, which interfere with the ammedrate serviceableness of his property, and which damase his power to deal with the responsibulities he has to bear, yet we cannot suppose that he has mach reason for the complaint suggested in our opening sentence.
come now, however, to the tenant of his land. No doult country huraes are as comfortable ab ever, rents are prad with piomptitule enough, ond wages are pard at least as casily as they used to be, aud we do not suppose that any one will bay the condition of things as regards the farmel his siffered upon the whole during the past quarter of a contury: On the coutmry, there has been improvement, but it has been improvement of a kind which only indicates the rlasacter and quality of the progress which is stall required. In aill tho matcruals of has occupation he is no doubt better of than five-andtwonty reara ago. Dramago Companies, created by Iunds' Improvement legislation, have been nt work for him. Many hundred thousands of acres have had the urfertilty immensely incressed, on 1 manv hundreds of farms have been equipped wrth budulangs properly adapted for an increased and more valuable stock and crop. The manure importers and manufacturers have been at work for him. Milsons of tons have been added to the staple of Eoglish soil, during all theso years, of just thence ungredients on wheh ats fertility derends, and in which it is naturally deficient. Implemer.t makers hare been at nork for bim. Hn land 18 cultivaterl and its producta are denlt with, more effoctively and economacally than was formerly the case. Tho ordmary plough is an implement of easicr draught, and of incrensed efficiency. The steamplough is now our willing and effictent servant, and hundreds of farms are tost.fyjny to ats powers. The flock-master and tho cattle-breeder havo been at worl for him. The means of economically consuming the green produce of his land are, if not chaper than they used to be, at least better and more abundant, and th.s great division of his busmess-the me at manuficture - has ber anprored by tho supply of importol cattle foods, as well as by the power of using better stock. Cettanily in all the maternal details of his occupation the farmer is beiter furnushed and more capable than he ased to be
But as to his position socially, while that of
 of the ground ator formera, vartill' in the menns and chatacter, from tho allutimsit tet, ant
 long a ladder ns that on which the lustlonl hitnself stalada, on thesen lower roand we find the
 position that properels belongs tol

## 

He has been well do ral d 11 a an thatbelat
 words wheth ought to lie witusat plekel that they are. -

E E is the great middleman between poverty and wealth, between labour and capital, betwees tho unam ond the fow. The landlord is comparatively unkuown to the law. Whether he lives abroad all his days and is never heard of, $r$ rew des in the Leart of bit Ir)





 rence it 14 his-the nattle que his-the labominers are in

 pronads, his ricks are burned. When he oan no longer pay wakee, be monts! il fig rates if thereare natis-


 ehtitled to be represetite 1 , as insectify and hotiesily atud trals as cita th -



 his landlerd unit: $1:$ the , thal hen entivates. It: latter, b sweris. of tis 1 and safe, and men will lenil monem on at an (hawir ner unty ui to withan a very aranll marelas of its raikn. Tho former, in the other hand, is risced-it is immedustels sensitive to every chango in tho general protperity of the coustry. It is destrustublo-before a bailetorm or a cattie plagus at miv vamak Moneover, it is an the hasats of mother manthe landiorl, actug witheri tho itt inf th:a 1 tw

 and the terass.t, which onte hearsallo: d, whos, the formet protenta that he will raver In ids ower h.land unprotected fir a $t \mathrm{rm}$ of gears. or fut has a pariod. The tenant has not one-tonth the abitity to injure the property of the landlord Whechialeas il to him, that the lutter has to in ate the property of the former under the gystem of of thum conntry gave beavier hostages to i it ine. they throw a bolder atake and incur a havier risk-not merely relatively, but actually and pooitivels than fimis latatl, is i?, 1. it th : if greader extent, interestod in \& fluctratung
 ture. And yot, sa homaght have aroleyl thare are not more than three naen within tho wallun lorlument of whom at can wath jitu paty be aid that they are truly tenant furmmen pisen bera With eoveral other conmidernting lis cuninatona proof that anmin great pronfrese yot is 1, momen before We can he matisfied with the condition of howeper, it It (isctaninls it is iot the fulat ot the Constitution That arknowltilata
 ILometid urger Tho rintion of all the ictit

cultwato the larn, whether that ows, ir us the
themselves who euffor. The fanlt is one ont of
which thoge who aro thus to blame will no
doubt be ultimataly educated-out of which
indeed, they might step at once if they chose exoreise their purts, firthey arn alri, dits
that they vill confidently atep when once tl C'bember of Atsriculture organisation has fri.

## and worked ite way

There are others hewdes tha tenant firmor on




 another page-certannty to ans full liselsazion of




 pruvide inose than two-thands of than brin thes eat, - which mantann neverthelowe thes mi-h3
 a midland district, I. l.r which indeed one can
 Whather mora Hecols ur e altivitem plants arn

 class that is more apeceslly our prosent subyeret Ind to it we mist return, for there is arnote justamation of ata diweunion hore in the unquestimande fit that it ta no mero matter of mant. thent but that, on the comerary, it haq prwinal

一rent.
 ont nocel in the salse duil and mocharinans atate
 demani, the calue fif wh ch has risen quite smother demand, the calue rif whe cis has risen quite annuies In some respeote, ta a state of achivity for the seasum.

 "i tho prolonged gutumn droment imat wi hr : 12
 eareal, at in to 2




 Thursilly there wa, a lirku adjsly of anterior $\$ 1$ d.

 sorta. Irrime flualities, howewer, were reas ly di-pait of at previous brdh tase

An unu*ual's wet Docembar has done muoh 0 briag the rainfal of the paat jear up to an nyerag. pastity The land, which wat all thronst, the ath, mer as dry astinder, is now materlozget' wherewr ith


 Which appears at lengtif to have set in the may he fremt 1 1 lir tha the wo undrained laods, sud that works of that kind may be largely prosecutiod during the early months of the new year.
Defence A A Onacintionsi, ohairman of the Home Catile Late that anne the recent outhrak of casle pilaz je on the frusazan ift int ente, "aset of tars dreadral securen
 thow, ing how the meat aspply of the connor, a opiardised. The trule in fremisn cattle atal remonn woth sx regaris the home prod, er and censumper. A sumsed in the lach fouse of Commelis.
Pretg [ul In anat, ro thin othine dyy int thin Vanten
 thus deen le - The (lasimanalis ar $r$ the

 my takuras the cut fr mithe exemptis of a.l other




 then 1 we . . lable to pay toll Why shall not inct $t$ The Si,tor al tio Frumert pay expenses and pay : 11
 are all free from turnp.ie ifll, probatiaren, what
from liave betag useful as a manure wio, on ontrated

 L. $\alpha$ alit Ire, 1 int is ra,

, hoyed as a fertiliser, the tean of the 13 \& 14 Viet, theg have deproved tha hr only, but for that of the whole comanuabity - Wo see it $m$ nn $\rightarrow=111+$ the 1 at of of

 fir aypleme it:







 ir male fy inl surt- of yrane + "purimatathe some perfoctly us. . 1. . : wre piland asri thturnts 'T ©

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## Wu.A hal beat andsa





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the cartinurpltaphation th
quantities of not less than two tons - Mr Pa


Wan that cumbe for acers dil $n$
 gual ty Tlien, asal $\mathrm{n}_{+}$antron minures

 or a coserperative society by a firm and tha wre the example of theafurd alal of Irman bonrhoodla.


## 


together, and alkey to go on fo for the rest of our arees In a country posuessing mhat is cilled a paternal (ioothey trick fie roy the reorle of of the Gosern mont Allozet laer, surha ating crould not exint. But in nconstry where we have free thrught, tul. suope fir reautsiand fremdom 10 do as we leawn, we net as men, and give play to the fallest extent we choose to our
feel rits with rrapert to thuse whiare our friend snd
 fertint of the meat.ng t. mards there cuest s.th whove exce lent judgment ard good connmous gerise they had bren well a rustrited fince the earlier cata of thmer rounty agrecultural society "Mirce ti. ses dayq" he eald, the arrivult iral worli has taken a start. Desery briach of industzy, indeed, has taken a etart. But the arrieultural world was a litte belind tho rest of the worll. it 14 sadd to bo alway a hehnd, thouth I disn't believe ih fowever, agriculture, in this remtyty at als
 nther ounty I helievo tlat on miy thank our friend Ir Imaizl Imbsa for having auded and assisted in the attanmerat of that posthon. ${ }^{\text {. }}$

## OUR LIVE STHCK

Mb. Harw tris has publughed the pedtarees of two remarkaby well-hred balls, wheld will kerve cowe at Winterfotd nt ${ }^{21}$ ga cach, on cerian conditions atated in the ciroular. The name of the eminent hrealer of there amimuls-Captanin Gunter-Fill be sulficient to arresit the attention of breeders, and we feel aure that a further examination of the pedigrees will in no way dimpinh their interest 30 DrEE OF CCapo ( 23.720 ), is white, was calved May 30,1860 ; he wha by 2 DDOEE -F Whenflate ( 10 , ith) 1 , out of Jachess sith On hus mother's, side be is, therefore, un-

 nlsi by the itit Detht of lozk Thas ha near brend. ing but on ate rasured that tho renult is satiofa tory His grandam, Dachess 80ih, was by Gieand DikE OF OxFosd also bred by Captain Gunter, and aftorwards sold to Alr. O Sheldon, of Genevz, US. Dechere 7Jd mother to /Inciess sith, was by Farl Duobe' 4 TH
 Far! spenar's I sceser (9769). Praviously wo may truce in aped aree to Duchersilet, by Bezveperse (1706). itil bekp ef Hitarfolee, the second of the two hat ivaj marling ILe is by 3D Jite OF Whakfoli
 Draeding, which, whale it ecoures a emoendingly close breeding, waich, while it ecoures a progeny or exosedingly pure blood, must be practsed at considerable risk. The pedigrea of this bull with bear close scruting and is in some respeots prelerable to that of the 30 Dodiz of Claro

- We presut our readors with a tabulated riew of the grinepal Shorthore sales of the past year, in tho order in which they took place. The total number of salen thas been 30 , and of these 14 have been conducted Mr. Thoraton, mad the remainder by other anationeers.

 obthined at killhow, for Hose Rose, purriased by Mr. hasy menticn that trade hy hirizh other larh prices wo Mry Luenticy that toado by Kirhleranaton Igh, soll to

 When sem that Mr. Adkirsis is the sale of the senson.
 i,, 13 arrer of werit we mu-t mention the averare of nhtamed at the Killhow, Rowfan Rowby Lattebury sales. Mr Straford nlone has arld $G 23$ in mada, at bit arerage of 13712 each contras ine thas with paxt rearona, we lind that last year Mr straford con fucted ol sulex, and gworaved aver all the anamals disposed of, $50 l$ 10)s (kf That bigh fignine tion in a areat measure due to tho shle of Masstrs. Wette wad Mctotiosh's herds, and Mr sheldon+s Amemen Shod


 18 (iv the rame aurtioneer dispased of 157 head, at in averateo of thet wi a amnur the most notable of which masy te mentioned Jif lecgan's Grand Duethesses.


## HORSE-POWERAND STEAM ClCTIVATION

Ar p. 1326" West Indad" anks, "Cin a traction cart work on a farm $\frac{2 n d}{2}$ alt tho light operations and job s.dered before this one can be farrly answered 18 -when are all these things to bo done it have tha deta hand upon which I can consider the mavter, for I has a "oorrect cart" of "iny borses' donuga for the yent 1805 ; and here it 据 month by month:-

Hobse wore on woommar farst, lyas.


Total borsequater, 36iv deys for the year, or 12 l diay
for each of my three borses, kivirg my pooy's work up to them.

## Whoos daty or whroh four hornes are worked aro

 The sor job-work Ls-Dot-cartiag shifhas of tactio, and lese then jobs mint the farm Now, ne are in a prositoon to conasuter "Wicat










 two Gd boye who lead the horses whil not do to attend to the engine, thay motial stand by and look on
whine the enk ne man doer has bl Whine the ebs ne minn dnes habt.
Febmary - I neal way no more

 whether It comil da, a I, ceron in P'trary In oither

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## Eod Clovar fickpens - We mill land hearly in onlim







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 Royal Agricaltaral Society


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 wirm.illy Vr fi.trel

 the tubular pate of the bouler), contaming two winding l grow, th, in mpite of the cold weather that
udranoement of our other green crops I may ant of my pony showlag grmptoms of illness, and lag hu ordinary food, nud I Was gratified to ind

Societies.
Hie annwersary
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a ape ned to rath abuth ris parts of aimajx phatert z, her and and anylody,
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LinunT -The sat gives bing that power now. sud to hear that tho law ofave ehem the

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## 


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 Hot help thow a att o 1 tr the shaprovement of the buhdougs fir the antreased quantity of thers stoel. IIe inelet the ohd opse fariajard indul, as a source of

 stalen 111 L lhr best parls of the hathare are rendered on anaratacely worthlespby alow ny the wator of heaven Crianh Gh is, an I whsh oat the solurous Jown the adop, la lom esery farm iu the hingdom, nod if they antace thent try liens os a mall sable Jur



 pran farmyord, or arthficial manure. He begged to listened to him, and for the honour they baid dove him 10 drankirge mis nealth on that ot asisom.
 matro homself becaune he held tsio ar theo ared
 He must say that as yot he had had a purbuble ougiae II af, work, that as yot he had pot found engineering In thn erat Ho Latl no doubt that nowtable cesine Mr Mricatulacioneaply as a ared out.
Mr IIr.LLs sa ra that was mater of ormon


your cara for jout
Mr Hilles sill yes, of coursa la did, but he sent it to
 ar. lial attempted to gran ? hat corn, b to le buat heen abliged to give it un and no bauk to $t$ e miller Wrat henl mareabout grunbantist. It tiey let the larmer and ablier a one they would rub oa together very comfortrades he dudn't tutak wis risiat it all
The Cilairman propasel. 'The health of Mr Cakil pool, With thanks to ham for thang his lagd at the
un, considerng the state of the
ably neal dome and better The ig Horker tunt wie plonghstain, was almost
 re esery wio present must have fest proud of the was 1.earls 11 huethoes deep. and her marl no dualit ho should bery govil for the seasor, the Potatis phirta illurl) so bours anderslond the cultivation of hing of fiat ligi
 d not rabe prazes for fat but lechis or form Mangels, larmers dui uot wome there to jrasaee each other, and cane to abise earll ot mer thone that they ratise that a fixed edano otzer He was nob yot convinces

He once had an ensinger of has own but he found
er pars wero so enormolo that do thoukit it was brap the ezzine to dim to do pay for wie repsirs and to drive through MIr. Moeth'y farm about the purtabe engine koounlug out the snoks of Whated hy 0 whe mpuntava;", wad he asked the is Mahomet, come pras told that he had perstudod hss master to hire and as


1 uly enalu mot inderstanat wuy he liaj wono it in
Ir. Mec iti said pilat has friend had stated nes c, utte
to hot cosis, and as they worhed ther omgine loo days touly cost bum shle a zear fur e jals for ho own fixed ongine.

## 3nctiows


 ers, it whete they rotapholate tion lopsus of the muquiry ers, in whece they rocaphinlato tor hopsis of tie nuqury, misitoners, and refer au protiealar to the aulotuant system, the elfect of modosurbs uyon the condition the labourer, and the wondition of the abhearers ave The sevond fart of the boul includes a.l the anstriet reforly recesveu from the asisitant uspeators, nnd to a lew estruts from the Rirst of
itiem, that of the Res J Praser, wio visted thie cuantice of Norfola, Jasex, Susser, wat Gigiticaster, We shal now drect the atcetst.on ir yur readero therefore, of appsy-4.b, with very labbul prospects of

 revised. I am satisfed that the ary of to themsolyes on phyaleal grounds, for ohildrent to go to coustant work, I a 11 eati-fied that the ago of 8 is too early on education al gruaud-, fur them to cummence halftime
 $t$ mo men evidence that I tave colleated, that it is the almust unum mows op,mon of every person and vody of persoms who thave oxpresied opmions 4,jom the subject, that the best made of prumioting tho edueatien of chl luren in agree.atural dibtreets woadd be 11 to protatel their emj) butment on the latid und

## t angaropision for securism tia ir rébllar attondance

 everal casas the evat artainel, the onddren, when emancipatel frome entire restriction, shoald still be reikured to fulfil a cortang eshountor matar amount of wiuter attendance-say 120 cours -enther atduy or night suloof, for two years more. I should add hat uot oriy do farmors tulue that thas mode of coulage with her subject woud be the mode least
 1.oy could d) more for tho ch.1tren's education in this way, than they coud k apo to do if rek atar altendavee
 thi. 13. My ons oprulon, formed ufanan experience thacher of a rursl si liorol, eul to a colysi leruble exteut) It as late opinola of the lea, hers phes with theirs. rregulerily of attendance is the uost formablable didioulty with whith they have at present to eontend -
 by the parents, or withdrawil for ail sorts of varying aggor of t.me by the farmer, aud that a chtid kept crustantly at school tall 10 ought to be abre to pass in amounvernmont's Fourtl. Standard, indroatiog an omplete less may be detrad, thongit momethios of 18 asd cely in its misin ereminoats, to stich to him to the that, whether his educatron mskes him a abourer or not, avery English labourine man orth to Lave placed within tis rench the apportum of catlon, and that his education ourht, at losst, to extend the adulu wher, wo wite, aud Heneral standard of attanament is far below intio. I entrrely yo aloug, also, with tho opillau very frequently setoisuars importan read. They can lesire existo, at almost anj perzed of life, and there hut always be ubuudent luatives for seemring tham rupely power (a read, if not unquired in youth, 16 cmplaticaliy, tho kes of all subsentuleut knowledge and e.f-1mproveikent. And thore is a certan aualogy bebweea the capacts to read and the caparthy to swim. A man whose mastery of thas uacial accolupis stitiont, parer of sustamiag hiuself in the water for half a-dczen strches, and Hhose pra, tico -topped there, it he should unkarpply
 but he who has once a0complished the foat of swumargg acrusi the Thames wat find that he has ondowed

## aumself with

wh reath
Lymoulcural Cottaggr- - I am happy to bay that at my meatings the farmens were quite as lond and Ceiulta of the preseat con intion of too meltatitevous cottiges. It wes unammously ngreod to, ayou and aino thet evory cottage inhabitet by a Iubourer with m mixed ataily ounat to have three bedromms. It was more than once surstested that someth, ug in tho shape of a
 jripitetor to five this atnotint of secominodation. the ex lselzisn, who bumber of the r mamstes in sement propartion to the number and ctabal capacity of thetr rooms, wos in ruany coses urgenily alvised. Whlle stild strouger perbeps, wad under the circumbisaces, oven mon

so creation of nuluh parishose, it whils, ult commapiva



 labour was prolat ink iar weslet: nit whowe strespelta
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 they nomehore or peringoe a diftimalts in loting then cotren to look at a farm no londe: 'What are the reten ${ }^{2}$ berause he kriows they wif iber fial throushout the unimo bit ifiow many rultapit at! what
 of a labour supp if thit has ta the felf bed 1 aree or fluy
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 Oa the Cotancolds, frum tinn and a hulf to three lleavy
 that produce butter and cheese. Whale tho labour of women and childran, of coupio, to a certion extent diaplarea the labour of men. 1 conender, howerer, that
 cotarimes to 1 wJ urres wrult he an ade, iate jerhazje

Whith in the ril enf Joment. corsice is applitel in furga,
 hy lime at al to the wilary inatiante of the liarvest Thowe whatere emplatirally called form servanta aro
 arved on for aningle day, and whom, therefore, the Ismer consuders himself obliged to seoure by bonds not eanly broker-the shepherd, the carter, the stoale of tuch, the phoughboya, the delrymand The trisul periods of such himese are it the sf ritig, or, mofe cuankunsy, the thansuction gemprally taken plane at the tonn en Alatuta far I ha, we that in law a verball agree. mient, if it ran be I rovill, at valid as a writien onfe eoldom put upein fipper. What we.ctio mont on the mind of the young farmi merast, and ituprowned h,m phillog wheh paves from the palsm of his new meiter uth hit own, and whith tray be rerarded at the to riculturni cifcramentmin Theso searly hirnges appmar whith one of their armajganiments in tian) counties, in Glourestervine to $\$ 1$, in one if thine ancient customs whith, hinnever out uf kmpong with
 $A$ montract entered onto therwund tires are anciant


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3tr Fraser's report in full of informal.an and
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## Farm Memoranda.


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## result would very possibly have been the sume



## marked as in the Suaniah.






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 greavas and the Rev. D. Alder TiA nt is
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The l'thol fowlo were nit cabbiled in tro and, we thank, wisely. N. I ht the est


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Mr W Hruby wot int witha bia


TAWESN WH＇EAT MANURE for AUTUMN

 D．L．LWES，of 1 ，Adplade flane Londen Rtidge，
「HE LONDON MANURE COMPAMY Here now radit for toinmor ju ine condltion，


Alno Devune PEHUVLAK GOANO，and MITRATE of SODA
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 Ono of the oluest and beat romedion againut
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GILVER SAND（REIGATE，beat quality），at the ubove
 Mantitite of tons，par Toq aty


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 LAWES WHEATEAT TORNIP MANURE，DISSOLVED BONFS，LAWEE SUPERPHOSPHATE OF LIME， \＆o．，LINSEED CAKE，and ather FEEBDING STUFFS．MANURES．PERUYIAN GUANO，NITRATE of SODA： JOEN THOMAS，MAMAOZB，Manure Department

## AGRICULTURAL SEEDS．

From the Lacreasing domand，and with a veew to tid furthre extension，the Seed Deppartment has been placed






GEORGE RUTHERFORD，MANAGER，Seod Department． <br> \section*{JOHN BENNET LAWES， <br> \section*{JOHN BENNET LAWES， chemioal manure manufacturer and seed merchant， chemioal manure manufacturer and seed merchant， MARKET STREET，SHREWSBLRY；LONDON AND DUBLIN．} MARKET STREET，SHREWSBLRY；LONDON AND DUBLIN．}
 A CaTALUGUE wili be asaanl in February，and formarded on application．

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## Awarden to I．Jantes，Tyroll，Oheiturharo

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J 0 HN WEEKB AVD CO． HORTICULTJRAL AUILDERG
HOT－TATER APPARATUS MANUFACTURERS．
ILLU\＆TRATED CATALIOGUES Tha Show Establighment and Omoes at the Worth，

## 者路多


（YKANBTON＇S PATENT BUILDINGS for






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F 1）ke puir．To be zad ooly of
 OT－WATEK PIPE8， ，Bristol，
Lage stotik rapk at the Work

per march E EnEmito

## Tonk rint arn

Heatitis by Hot Water．


## $x_{0}^{c}$




Bntabliahed 1833.
$H^{\text {ANCUCK＇S }}$ HUSE and TNDIA－RUBBER OARRIAGE，GIG，$A$ DOG－CARTAPRONS FORSE STEGEING APPARATOS with
OAS BOHEERG，
 WOVERRPROOF CARE BDA WAGUUS








## PARIS EXHIBITION， 1867 －GOLD MEDAL．

## CLAYTON，SHUTTLEWORTH，\＆CO．，

－At the Great Trienaial Trials of THEE MOTAL，AGRTUUETURAL SOCIETY OF ENGLAND，held at
Hury St，Bdmundit，July，180\％，rocelved the following Amerde．

## For Iingio $^{\text {Cylinder Portable Steam Engine，}}$

For Doubla Cylinder Portable Stemm Sngine
Fir Horkontal Cylinder Fized Engine．
The FIFET PRIZR of ERE
the FIRST PRIZE of ERO．
Aiso the SOCLETY＇G BILVER MEDAI，fr AJHutng MuIze of £IK．







 irfetime，with ali the lateet improvermats，


 Health of Horses，

## Stables，and Dog Kennels．

MASTERS OF HOUNDS
Will And the greatent mannure th Favink the Floorra of Stabion

 H．T．ARCHER＇${ }^{2}$＂FRIGI DOMO＂－

 The Begt ghading is

The Best ghading is
＂FRIGI MOMO＂XETMING，Whato or Brown，tuade of prapared






ThGGS, of different Now gilworms.

F＇GGS，of different Mulwermy varictics，proilucing


GREY DORKING FOWM Poultry，of prost breed，in any Laporied TOULOUSE GEESM，tho largen mad moet produotivo

 for sonitant laveri．

WUNTED，a NURSERY and FLORISY


Establlahed Nareery Crounds．
TO BE LET，With lwmediate Posacsain，an old－



T10 BE DISPOSBD OF，in consequence of the audden


Eligible Opaning for Nariarymon and seedomen． FUUR SAl：The COUD－H1LL or tee BL ShAESS o










## Fales ing exttion．

10,000 Bulbs of Kitimm anratum，
 ITR J．G．STEYENS mil SELL by AUCTION，at




## To Fturserymen and Othars．

ML THILIFAM SHADFORTH，AOCTIONBEA，wil













## NEW ${ }^{*}$ HYBRIDIZED COLEUS SEED, \&C.

Seed of the above optained by cross lifbridzation from the finest varictica of 1868 ,
6. per dozen aeeds.

Pyrethrum Golden Feether.
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13, and $2 s$ s, $6 d$. per packet.
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 2s. 6 d. per packet.
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$6 d$. and 1s. per packet.

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Specis: phtces for Larger guantities.
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Golden-leaved Bedding Geraniums.


vegetable saed list sent of application.
The same List, weth the Decertptrve Floterer Secd Catalogue, by the maddle of January.
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SUTTONS' HOME-GROWN SEEDS, CARRIAGE FREE. grids birect from thb growers the best means of preventing dibsppointment.


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SPRING CATALOGUE and AMATRUR'S
 NEW VEGETABLE AND FLOWVR SEEDSt, with complexe cultural instructions,
Is now raud, and mat tor had lout. Free for tis starapm,
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No．2．－1869．］

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## Grapa VInes．

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Pyramidal Cherrieg，axtra hae，for Cardens．


TOR 8\＆LE，abnut yoon MAIUEN CHERKILS，over
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SHOW of HYACXNTHS and SPRING FLOWERS.



GRAND SUMMER FLOWER SHOW, WEDNESDAY, JUNE 2 , and FOLLOWING DAF. CLass © 1 . FLAYTs CHEFLY MIONS FOH THETR

Cuss GREAT ROSE SHOW (Cont $\ln _{\text {ged }}$ G)


 TUESDAY SCIENTIFIC, FRUIT is FLORAL MEETINGB.
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Jampa Canter \＆Co．aro prepared to anpply on the 10ih of January next tho following Four havdtome

## New Varietier of Coleus，

Raised at the Gardens of the Royal Horlicultural Society，and purchased by them at the lublic Auction on the 10th of December， 1868 ．－
COLEDS HRR MAJESTY－This mpyety in of Fers treo linht，mot





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New Double Zonal Geranium for 1869

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Lilium auratum（Golden－rayed Luly）．
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## Che Gatwentig ehromicle．

$1 /$ CRDAY，JNUARY 9， 1869.

ONE of the most ploasant of our culincial tasks is that of taking a retrospective glance， at tho ond of each reourring year－orer the many valuable NovFLTIEs which in the courgo of the senom have be $n$ breaght apectully under notice，New limide，Nuw Jyuits，aid Now Vogetables crowd upors us Mathatly；nlot it woidt he atraggo indeed uf，itmong so many miditans，we did not moet with snme to wheh onioss thonghta comble reur with feclung of atistiction．Wo pol $=1$ ，as nsuil，to pass these new levies br thy 1,1 i rewiew，and to－day confine oursolves to Nuw l＇Livis，in respect to which we shall hope to show that 1808 has not run out ite sands withonst leaving us soroe important auxiluaries，which we may expect will hold their place in the ranks of our garden plants，againgt all comers，for many a year．
Lat us look into tho stove department，and inspect tho comopany of recruits stationed there． Of the flowemng serins，the plant of the year in certanly the noble Lasiandra macrantha，whose gignatic flowers，as we muntioned last weok，are worce in whter iss such wial summor．from the zeat bushy habit of this plant，sud the freedom with which ita ample purple bloseoms are producod，we anticipate that when it gots into tho hands of our skilful plaut growers， grand oxamples will soon be forthoming． To the genus Jxora Fe have to recond two promising additions，Ixora amabilis and I． 1hxiana，both bearing sulmony－orarge flowers， ardd boik，we beliove，＂tieveloped＂fraten seedlunge，ghowing an aivance mpon older kunda． The Now Grenudan Apholas．Tra anitona，with its polishod leaves and vermilin！flowern，will bo a fit companion for the brillunut A．Roczliana： While aunther Acanthud，this tume from tropical Africa，the Incentranthera macrophylla，with ats long spukes of bell－shaped rosy－purple flowers， gires us an entirely i．nw form of this showy family．Franthemum elegans，of whieh a full account will be found nour last volume，most not be onitted from the lost of nequisitions；its fine continuons－bl rumidg spukes of galy－spotted flowers eritathig it to distinction．The mere herbsecons groung of atove llowering plonts gives us the Tydian Jindeniatia，a vorr diatinet apecies， with sulvery struped leares and rhort－tubed white flowers，having a $\}$ elluw thront and violet－ colourod markings on the limb；while several beautiful hybrid forms of Plectoporaa，remerk－ able at once for the large flowers，briliant colours，and profize infiorescence，which we have nlready mentioned nuder the head of Plant Portraits，are grand additions $t$ ，the ranks of decorative Geslerads．
Great and grand have been the additions made to tho group of huvlsome－lensed store plants， among whech thin frat I lice muat bo assightel to the Lumerous，burical，and beantiful forms of Coditeum rartigatatu，which wo havo already deseribed at leurth．Those called maximum， Vortchi，and Wiverannianum，may bo spocified at the finegt of the yellow series，in undulatum is of the purple Taytoties．Thon coms two new Marantns，virglrallis and Baraquani， both bradi leaved，marked with salvery bands， and execenagly he ulmone，and some Inaffen－ lachins，roticed in our acerount of the lihent show last sprugg，all something after the etz le of $D$ Weim，bot distinct，namely，U．1．ancers， thing rery netr to it，has also been prodiced by thing Yery near ts）th，has also been proinced by
hybridisation，at Chiswick．Among Palms，Dr．
semans has ment from (foitral hmones a beautiful dwarf epocing, which l re the namo of Cleonoma seemanm, amil 19 remarkalin for its which, an meth or two l figs, ate exant tumpatures




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 Cenagyon lituchermatiana. $a$ kar and teas handacime l'lugene, with thiv-luhac il wers, lias of the whate fixipal hy mathetl with boll mazentacoloured lutes; Thania Brasuma, a tevicatria.


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 ahlo fur its largo and teary y cqual, lenthers,
 With its mmenso ftat yoildop lap, the larpest ant
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 cotanly has very hands mely hammengal


 nmourgot the mest clogant ar 1 gro fil of the $r$
 multifilum; wh.ln A. Yenteh.w. mm is another charming Fera of a d st uet type of bauty remarkable rather for its we.l-pryportioncel ata bearatifally-chiselleckenthan, than fir gracel intiesof habit. Than, Cyathen Ilookers. a 1 iost sit Testing miviaturn íree limin, of now mann order

 heal wo mu-t 2.4 onit to mention one of the haudsomest of adt Phethin Ferns Poly thgharn first introluced to the puble last summer. This exceedngly beautiful porra will bo beat understood if wo descrile it as tho manlog to ata Lagat
 that from tho larger ones of the frowly aul the
muiltiplacity of their paits, $t$ posesses is degrec of beauty which that bandsome I'tnd tuls to tyl ity; The labes of the prlates are deeply erit ainl toothod and overlappins, the puin iles thus become frilled, anit they too ara orerlappition, and this ronders the pirmai, themselver orerlapping, niso frilied. ws that the whole frousl 18 is decely conwidel minus of tho most firely the being unfortauately a sterile sariety.
We have perhays fimer sterling greenhowse noroltuns to recerd. Tha Fansilo
 orergroen clitnber, well worth growingo (ordy-
luo Gulfoylen, a varamatell Ihat, with smranthang of tho aspect of a var1 gatul Yucca, nill,
 leaved New Tinh had Thensurt Coleswi

 Preut lo-C'apsicums Ih stlerzllut, ara l mbably th. grecrlouve, ant they are fal tit $r$, m appicararece than s. Capsen -tanm, whit thos We thiter
 Capsicum, beautufl, thourkh ot bee. The ne bearing buthes the first year from the terelt
Rhododendron fragnutissinums 1s
 and R. culatum, and 19 deluecorthly fragrant
 popular, comics igare teponanni, a dutt t.ct lewar ppina-toothed leares, introduced from Nicaragua.

Et, novelt, as, Thus the Abution Thomponn.1, Whach attracted hitlo notceo ats ant w.th its plant, her ino at nutl ners benathold nud whate

 fromest in tiel teat thet formy, beng rack y en onvel tuth in materlathee of rose and



 f- lnorg, and has the radical d fect ot 1 noturus puckered folage. Whin 10 not the cats whth tho thin hlood rell colour, and which, at we, ust loam from. M. Vax Hithte, will stand knubured temperaturo of $20^{\circ}$ Fabr, And then sutco sucel Ints hare been suoffeet. rely 14 troduced iuto th ty le of gaviloung, what to nsefu. as a yew hyloni F chereria, E. glaucu-metallica to mit, the com pound namo of which reveala its parentage, and wheh while retaning the spathulate leares ghaucnua coloar, and rosulato habst of E glauca has been magnifeal biy the umion to fully threo tunas the kize of that well-known plant.
The thower-gardon proper whll have acturered in the dialuolus chcentus, a most strinneg Fenutiful summer occupant, whe ther enatisitol ir its nem same, or with 7 yien to hyl ridinng Tta nlmost regraur bell-shapel flowers, with the chatrely notel mathencrs of the tro latiral angreits of the lower leg, must affect the character of hybrids obtainell througl2 its agency while its bright blood-red colour will rendor it one oil the innet orthamental amongast Lalf-hurily corm-Wearwer plants.
Turn wo now to moro hardy aubjeets, amongat whech also wo fand kome things wuithy of recorit Two yems annco we haù to namzo a dioldon A. ler lant year a Goldon Lilm, and this year a Golden Oak far sunprior an boan, ty to the (zuercus liobur numea frivtously knuwn. This norelty 18 called (Luere is Fondur Concorda, and has leaves of a triphat vellow bue. is a contragt to it we tere montion the Llool-rel Acer platanondes rubrum. white ns graceful hardy kirubs wh havo tho efergreen Ret nawprata fitcorles, remarlable for the forn-lik) character of its ramifeatorna, and the decnlions Tamarix plumosa, whoh is so cot.enisly braucled and featherlike ns to have acquired aeross the watet thin cputhot of in intuat. 1lardy crecpers of ment lave ber manaly of the hime family
Ampelopsis d.ssecta, of alender growth, whth palmisectelk leaves having pinnatrid segments, Ampelopsis tucuspilati, thus Votchii, also sloniler grownig, and with the leaves either s.mplo or three-loba, Ampelopsts japonica, whel has broader leywes or leatiots changing to
 leaves, and cymose clusters of small pate blue berries.

There are a few storlag novelties of tho hardy herbaceous norennial, tho balbous, anal the anrual clazses. Of the former ripirwa palnata holds the first rank, its bright red stema, palmately lolved serrated leaves, and large heads of deep crimson flowers, zoulerng it grandly conspicuous Con1rasting with than is the deep purplo bell-shaped blossoms of the dwarf erget-growing Cumpanta turb,atata and the remarknily floriferous Campanula isophylln, with ats amaller deoply mit rais rixh-blue blossoms and bushy branchurg halit, winte the Nieth (hiria Woremeeray hy promotrich a dwarf plant, with something of th.c
 whit resembirge thosn of tionats, intion, need to the French frarions, promises to bo lath hardy and landsone. To dowif rock Ilants lovely aidition. The re-mintrolucell what 11 mereil Frythroman gimnteum is alno a Plant it suffenent merk to be berce rocordd. (if hardy buils, Lahum Wilsont may cettanly be pionourcel ane of the finent species zet hoowa. ltw large orange red foll-banded blark-spotted flowers, produced in great branchod umbrils are magmecont, aud combino tho forrn of Thunberginnum with the goldcu band of nuratum, minuals, the Collingin corymboan If rintanct rim blise upprr and whita lowet lip, must be regardmil sa promining, and Tearenwortlin entres, a dwart rucifer trith ragy-hilac ycllow eged flowers, 15 trying in massos, whero leds of annuals We must not brine therarden arrangement
We must not bring this rapid march-past of the


 groat ulvantuge in a mised colfoction dir carly spring anil late auttumn moothes Whan colours añ omanomty attractive. Nor 2ul omit the brimant gocently distributod, and belepe will be found, whon the penege them properly exposed to light an to fill weecd the expectations of those what lecome their fortunate possessors.
benutifut wa montion those called
 and L'uncre lieatrice.
Next weok we shall brielly raview tlis eit.ons of the other departments above zword th
 ticulars of tho Leei may be
but urofessional gardeners aro admitten queshon existen "d for two years in Leeds. It is min com
socely, and now numbers 101 paying memben, to eal 10 . syckness or distress, and to give aid on the on member or has wtie, The second anount demert irlace in Leecis of New Year's Day and ato
 prealeat of the Society, in the clanie. at esph moutn y ract tive il laper ot some cardonine
 of the lirm of ycara Gleper \& Hoy the mikikers of momper maahnes, oljerad to give the lecture of the rear on the oriro and grog and hot-winfer apparatus, and lajd bejore that models of i new boiler jusk patented, whith 2 wo brickwork.
nure We are reminded thats in ontetompin place tie MaNCHRSTER SEOW on a lana' iो , to tire outad-10 Ola corres omdent wil see. on refibotion,
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Fhitsuntide Show at Munchester, no lees thon cimilar exhibition ita July.

BOTTOM-3L'HT JUA YI NES. as one of these who have putincly roconame npplisation of bottom-heat to Vines that mien durang the wimter hiontl a, fobe becn maten tote
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Winter gardeving the kile beds. Pbople are apt to ridnesto any attempt to decorate flower-beds wit, Fiale, We thisc bet the rathor "holoygrd," mat he, ece theprejur are a aingst transfermaty to the rhange froma the a=of did to the oroamental witho Put vers strong oridenee andeci. Vo prany elf reta mill ralse it to a promulaeit pastion, and tho tro who

eflorts in her own rarden have beyoud question been benuty to the rerist improsisis fower parten finrtens at this time of yeat are foncrals remarkablef fir bald－ nees，ath for the want of diverotie ler lomes to br gliten
 kummer parmiture，\＆e，ualiy we 1 and comifiriahly dressed sth matriol til lible for w nier ift thits，and
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Let tie cite twn or thres examples for illuatrat．on． begmang first is thit the rentre fere of the desmen It
 epecienen of the Ir in $Y$ Ow，and the sections filled or ruther parked in ath divers－culoured Kalas．Now， tbose who pever saw such aut arrungement night gippose that the bir was a tall，raunt．hirlorivi look is tbing，wth a is matly gurtion of bare－letaped halo stionks
 labour jacurrell 15 ta sit hint the lutudreds of them requred for the bed sich chat on，so as to have
the leases rest ne flat ufion the ponl，nust be the leases reat ne fot，ypion the poil，must be
momethoge considerable，but the effer is surls hat to repay the labm ir Ty nt hed bas a fine bizarre abpearance，ant ts ral the more or nivecuous frotn belog elesuted above its fellows．lly far the most chaste bexs are，Lancter，womp curved parallelograms surroundap liat central or kes bd，and they aro of amples ze to allorit armen for dow ian Lagivik across the beds are frue is amonds，cquiliflant，and forming rased pancla，pille 1 with red， 3 ellow，and whatsls Kales，while in the centre of the dinaciads are stan－ dards about thas a of of an ut，bril a，upoll whach
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 Iyy that mork the outi the of the bels．No hardy atimbs，even of tho rareat snù moul mommanding
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Careful eclection and a determined elamanan 1 a evidently required to procure fuch an ndmirable breed， Fhose quanity is combined with desirable variations in colour Tho queplion that escaped my has，and whech must prescat itpelf to most readers，1s，＂How do they atand the frost ？＂They have stood every fenson， refled Misu Hone，＂With mutnunty，when even the hardrest of the curly greens las be been injured．This
 neut pusition throskbout four of the duiteet months of the seanon
As regards preparation，there must be grow：ug space







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 tanmed，and hitier serupurousiy lox hed ather lawa rolled and lept firm ds a bowlintarite One word as to the different plathere gardenumg．it scems to tha all unsilisfartor enor attempt winter pirilen $n_{i}$, sprang marden sumaner beddath al in the sime rarlerre，

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aim of both tho sightseer anll 11 e etroner

 t me sand－By W．F．Harrison，Esq，P．M S．


## 

Arboriculture，－It is really pstoniahing how few landed propinetors tako tho least interest in the matiagement of the woodlauds．The few who do go are Well pail for the time spent in atalying＂arbori－
culture，not only in the pleasare they must derive culture，not only in the pleasure they must derive realized out of their woods．It is srue that timber iones not now sive surh retuma as it formerly d d，wil ach

 nbtain es．bd，per foot，cubio，for largo opla wood，i＊sd，
 sold for 10 d．and $1 s_{s}$ ，present value $8 d$ ．or so．Notwith etanding these low prices it is probable that three times the quantity thea ased is now conamed，and if it be en，it makit rearonably be expectel that the value of timber oucht to he propmertonately litheter，but surh is


 agrecable the fact，is thase wion are miderested at the


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 dowthout forelen t，mber for holle buthar a and other




it has been．The preference given to foremp for ouk－ nor use，because of its cheaptuese，bypeara to me to be， in common languare，＂penny wise and pound foolsst，＂ as has been groved by our tailwbys purchasiog foremg aleepors，whech are sald to last about one－third the of course much cheod Scotch fir slecners do，they are of colirse much cheaper，but if thes requiro to be renewed in the propart ton of three to one，enta．ing the amo expense in，fing and relajing an the others，there O obiseryo in yur impression of heromber mad
 oo long looked upon as 2 hame tatite than ansthang encoupaperment frequanty orwara that frond the poor clapthe of plantations who by season of a lomited chichection，and a want of prafessional skil，do not reffect credit on the 3 rotisatin，or tell 1 to advance the ＂ence the remedy for this lies in a higler quarter in mueth，and onelit to tako to torbt loreaters can endean，urs man never lim f．lly succosesulu unlesa thay are cecodifd by the real frartes $n$ to wall be benefited and ropretors．Broks havo been written on the a，bect atid suiay otier atorts base been mado in scotland to thprive the statur of forestry Amus．g other andmpeure，the Sertish Arborichituml Soukty wes nstituted about it yeary ago，aud ance that $t$ me it has been pludding as ay，by dint of aheer norsererane varied muecess，bit it lus ondmable foresterx，with hagher and more nituential than it eser did before bocalise the good efiecto of its ettris are now bekinging on speat for themselves on the sylvin ar－nemance of the country，pald almo on the a：omers of the lande ords． to do，and it is to be desired that ald parsa freat doal wh．see it to be tifer duty to zice thase n inport to thed aciantee zent of a rase wtich willds minterial sond to the country，and impmse the valtie of ats whict are a the present lime utterly wortheses．VIr Brawn，factor Inveresuld，read a paper hefore the Brit sta Association sceence，＂thi4 paper was very fayournbly rras be hoped will hase sorme effoct，$A$ deputati，and it －rothish Arboricultaral Society slso attended tho of the prese the samo Assoutation leaty year it fiore meet－ pressed mmaler cha，ms，hod I entertana the hode．from hhat in a fafure ocrasinn theram by that learned body to recognise afboriculture is a scianen their mitereat iraprove the internal and commercial intorest of fircat
Britarn． art fle＂that we ate ob，ine thent jour raluable
to Fruse and Germany to sequire a knomley forestry for the Indian forest appoistiments，
very humbling to us，and ought to mike us very humbing to us，and ougnt to torike us


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## Miscellaneour.



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## Ciarour ©pprations.

## (For the ontuing wedek) <br> \section*{PLANT FOUSER.}

Cafodtwite which are now at reat, require a more than ordinary manount of gare during this their dormant period, to enahfe tham to Fatsin silch an amnint of

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able fli freca intended to be transplanted abould now he removed as furkly as posable, that the and miny themme weil suttimal aboit the ro tzat the shil ron theta be formed, frehmmary to their forming early spring buds.

HARDT FRDIT GARDEN.
Where dalay has aconrred in the plantavg of Frut
 Thould agetn turge the degirabifity of planliag as onoe.
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 thr sort of stibstrata the $r$ friat-tome bordarm, and the sinl mod suyta to thems aro iontomat of, and may
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 of loam and peat lire Ifirt', to hame ina mate loal'mould an ind brick rition wh on the dut
 with ther natural habit $J I f$
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Juxtsir) 1079

## Kive a

## SEED FARMS

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## PBTER MEDALLISTS



 CaTIOAAL PRIZES FHI takt plana la 12,1869 . Copplen of the Form, hequirad to bo astatin by Merch 1s, msy to obtatoed on appliseation to
B. M. JENEINS, Secretary

14, Jatorer Square, Lotilan, W $^{*}$

## The garicultural gatette.

THE cattle plague, obeying the law which seems to regulate the progress of contagious discuses gencrully, is advanciny westward from its roputed home 111 the staples. IIungary has beon suffering from its clic te fur anm- time pact It also prusals in Ias $r$ Arastian in at lanet three dastricts. In franay fama nealy un places are infoctod. Buekovina is not free from the pestileace, and Gulicia in roported to have several infected districts. Altogether, in Gungary, Lower Anstria, Buckorina. Transylrania, and Galicia thore appenr to exatt between Gil and $=0$ centres of infectun. Siaxony, we learn, has prohibited the passago of Steppe cattlo over tho sax Bohemana fronticr, but permuts tho entrance of Bohemian cattile with certifcatos of hoalth

The cuntemplation of these facts is not likely to produce a very cheerful atate of mind among those who are especially interested in homebred stock. We havo feit ourselvor tolorably seoure from invasion up to this time, becauso we have been principally bupplied with foreign cattle from healthy districts; but now the Grass season $1 \times$ over, and we are about to import cattle bred in the districts which are now borrg ravaged by the cattle plague, or in very decided proximaty to them, Galician, IIungarian, and whito Austran cattlo will now be sent to gur markets; and, although all those cattile are presumed to have boon feeding for many monthe in Anstrian and Prussiun dastillerios, and growing fat upon the refuse products, there is at least a posabibility of other animals of the samo breed baing amugglect over tho Prussuan frontior. Indeed the probability of such an occurrence was distuctly admitted by the Veterinary Congress, held in Yienna in 186.j. Our own exporionce is strongly in fayour of the rresumption, that such volation of frontier rules is nother so difticult of execution nor so infrequent as many yersons would lexd us to beliere.
In the spring of $1 s 61$ an outbresk of cattle plague in the East of London was, with grod reason, charged upan wh.to Austrian cattio, Which, according to tho grstem pursued on the Continont, ought not to hive been capalle of introlacing the diseaso. Regulations, however, are not always esrried out as they shoukl be; and thore $2 s$ anthug to justify the nesertion that fureigners havo stronger kerruples about "running tho blockade" than lughahmoon hayo. We found it hero oxceedingly eavy to pass Orders of counct, and to manue direetions frem all sorts of atthontics, but the tuakk of elforemg the laws mis 1 y no means trilhtio, partcularly when people quietly signored therr exittence, and acted in accordance with their own ideas of nght or conventence. Proflding that all the regulatrons respectung the pascago of anumals through Prussia are carned out atringently, wo may perhape rost in tolerable security, but any
evidence of the fallibalitr of the precautions emdence of the fulhbilit of the precautions
which are adoptent by that lower will neenanily disturb our repose, and such evidence we utdonbtedly hafo bad Tider ord.nary crecametauces the kryturn it fecding Linkeman, and other White cattle ' in the large distuleries works woll, and no forelgs boats unportem? to this country "die botter," in butchori pleraso,
than the catcle Bo treated; but thit in small compensathon for an occeaional outbreak of cattle plague in tho metropolis, or elsewhero. So long as all the conditions of security are maintained, no danger need bo apprehonded. Capitalsts on the Continent may buy hundreds of cattie in Bohemin, Moravis, and Hungery, feed them upon the waste products of their distilleries, and having brought them to a condtion fit for the English market seand them to Englend; the time required to fatten them will in itself be a guarantoe of their freedom from infection, and if there is no disease in the locality where they aro fed, they may ssfely be tranted as though they had been bred there. The tiavel of theso caitle through Prussia to the coast is permatted only hader restrictanss: ondenco of theme having come from a bralthy loculity 18 refured; and, in thort, every caro is takeu by the Irussian authonties, as yurght bo expected, to present tho ontrance of infoctod animals into thers counitry not ulways with success, as thor recordy will shos.

The transit of cattle thrnugh Prussus to this country occupres anmo days. Cattle coming from Johemia are usually on the road aboat aix or ceven deya before they reach the London "Market; and it may be sald in reforence to the white cattle" of Austria, that their passage occupies something like as week. This fact is often quoted in supphrt of the thoory that inifected animals-that is, cnttlo mfoctell on any part of Austrat (in Rohemia or Murasa, for instanco)-crmat be nent to Lchiot, becauve ly
 a hanced to be at oree detentel by the maperturs. The argument rests enturely upon the assumed fact that the eattle whioh first bocamo infected in theix own country lare as a matter of courso brought on to London, altogether ignoring the probability of auch animels falling sack before they are shipped, and being disposed of, while tho remainder of tho herd -a cortain number of them having recelved the infection from those orisinally diseased-will be shipped for Frgland, ruil thue arrive in our porta two days, mstoal of six or seven, after infection. In thas way the Silesian cattle, which are said to have mported the disease in 1867, many not, and most likely dhd not, show any symptoms of ill-health on their arrival in this country, although some of them died here so ehortly afterwards that there was no possibility of their having boon infected after landing in London, where, indeed, cattle plague did not thers exist,
It is to be hoped, in view of the steady progress of the plague in the Austrian provincea, that every care will be talken to prevent its introduction here, but it is quite impossible to doubt tho extent of tho risk which we must continue to incur, so long as the malady exults in countries adjacent to those from which we now obtain large supplios of foreign cattle.

Turnips and $S$ wedes aro not gonerally approped on beary lavd na a preparation for corn. Therr remoral 18 costiy; and though they are useful for stock feeding, the moderato crop yielded by heary latid does not always pay too const of production. There $1 s$ mamure to put to the crecilit of tho account; but this is all wanted, the hearyIand farnier declares, to rextore tho condition of his land. If the Turuips bo folded off in the wintor, tho Rarley crop suffers from the etfect of treading the land, which even frost dnes not obliterate; and even if eatent off beforo winter, outhor Wheat or Barloy will probably loan wirse crop than after bare fallow. (rood heavy land mill yreld a full crop of larify after baro fallow, and it may farrly be asked - what moro can it do undor any circumbtances? If myary be dene by treadng, a Lgat crop is certain to follow, and If the folding takea place in early autumn, and the land is ennched, tho succeoding arop may profe stout in straw and hight in corn. It must be remembered that crops do not always boheve as theory prelicatos, they obey thmir own habit of growth.
Exen on poor heary land that requires dressing we havo seen a spinted and very succossital attempt to introduce ront cultiration attended by FCry doubtul resulte as regards the corn that followed. Noxt to the farm we refer to 2 A a samular bolding, under the old rontino of fallow for corn. The bare, pale earth on ono wilo of the hedge, was a sorry Fight comparid to the luxbratit green of a capital crop of parly whate Turming on the other. Shoep ferl with mileake yoon calus on the scone, and it was delightiful to

Watch the prugress of improvement, made more
 unable to complete the comparison. Thie




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We abstain form firing , there neamplea of Tarmipen numay land, maten off under the mumat the grower; but we may add a from nordy om the cint of growne Turnapa on heare Innd, with an account of nur own mutlay, par nerv.


Thin land minat lno dean at atait an the te ather

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 exceeds it by about 41 . If the corn crop is the same after Turnipg es after baro fallow, then it ie aimply a question of the raine of the crop of Turnips -are thoy worth 4l. " In the arerapo


 peon riyl from the Inus, it in ane seary to nill at requirel , ather heff po ir after thite suat ceol, to restore the enditasi of the land, which is alsw is
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 reckotarl they do not chase nat.l the restant. finally nvallowed by tho nmumals We thank $\pi$. havo made not a cuan for exesin-my bith in the heary land. They cam only pay whan ued an arbunct with a largo quantity of dry fxnl .


 am "uthunt duit morn "xpenvife, whers "all is tolu," than any other iesecription of fourd. The prawent will pruidebly be an mistruntiva maven to matry fremine, who will have spectal reanons for
the spanng conrimation of their mots. The first stap ta tlin prut. winf acomomy is to thatils


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 tho larger portion of the finnd in givin it a pre pared ntate. 4 lb of riwzis taray for a toyp nind 18 or 20 lb . for matise ia better thast ontity depri-

 erticle of food, as diatrosang to the simitnaln.

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oo fed, rotannsg thetr rough maiter coats tull
bummer than the sleek cattle, with smooth, chining cmpa, that have heen fed on plenty of










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Strong Fruiting Vines.



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## rat Numarten, Atoot, Berks

FRUITING FINES.- With BLout

dants + K K
Pramidal Chom if ind extra fine, for Gardens.

Wothr. The Pyumd Charfiga Mre appecality 4
What 1000 MAIDEN CHERRIES, over





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UlIT THK half-a-milinos of of a boaring healthy

 U月Y SIAMMHEH AND CO.S IL,LUSTRATED
 Burf-Be7an Hages ancat, Herke



[^2]V it. PADLL bege to announce that his catalogue
Patris Nursaries, Waltian Croas, Londion, N. Standard and Dwarl Roger.


DAUL AND SUN'S ROSE CATALOGUE for the year,



CHARLES VERDIER, Fils, NURRRRTMAS, $13, \mathrm{R}$ it the loweta pricom.
( Y EIF . LIGHTBODY being, from mfirmsty, ablized to
 tormi, to nny Parson who may inh to add chom,
 ( EO. MAGINTOBH, AGENT to F. W. Wendbie, SRED
 I HODOLENDRONS, Choles, Hybrid, and Ponticum.


H1 Scarlet oava.
 Frice (roty low) on spplicention

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For sale, fine curled geiman greens or



 $A^{\text {SPARAGUS PLANTS, }}$, xtra fine and strongr 2,3,




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 YERY'S NOSSUCH L.ETTUCS. TMo beat Sumaner


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IVAKRANTED THUE, WHESLEH'S MILKY

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NDW, $G$ DALY Now,y, Ireland, offers to the Trade


Potatos.
THOMAS [MRLE AND BUNS, NOTAEHIMET BRA
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$\mathrm{S}^{\text {bid }}$

PELARGONITGMS, in in ohole named north, ghow,

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 - Croap, Oheap, Cheap.

TRICOLOE me other PELABGON?UME,








Bedding-out and मardy Olimbers,
 ( 1 EUBGE JACKMAN ADP SON nre denirous of frawing






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RITODUEENDDRON MONTLCUM, fine bumby s. planta weli rooted




Harly fiantiais, to purnele mica plaik, by

AHIUR VIT. F, Nonoflcat, An bubly wall moled
herleg
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Yegetnhle Anilembutal, and Flower Boeda 1BOHFRI PHRKET






 nupply of thu Vist Pm,
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## NEW HYBRID PASSION FLOWERS.

## PASSIFLORA MUNROI, and PASSIFLORA LAWSOMLAR

(Fulty yoticed and deserbed in the Gordenars' Chron, rlc of Decenber 12, 1868, p. 128s)

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Intend to send out tha above-named charming Clumbers, for the first teme, carly tiext May, ond prepared to book orders for

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$\Delta$ noble plant, reambleng in habit and colour of flower the well-knawn T. moilimima, froment whith
 Chmber, it arala the T. moilsama, and 18 as freo a tlowerer. (Frde "Curtu's Bolancal Mtegrafee" b. 0750 .)

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THE "OLD" ESTABLISHED SEED WAREHOUSE, 10G, EASTGATE STREET, CHR
zHe best rarly pea in cultryation
DICSsi02"! "FIRST AND BEST," price 1s, 6d. per quart,
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Fitls practical Cultural Directiona, will be egont Post Froe on appleation.
Therr Seedo are all of the noost select charneter, tioh being satet fromz the best Stook known of in a GARDEN SEEDS of 22 walue delivered Carriage Free. FLower sebid Froc by Potor in

## NEW HYBRIDISED COLEUS SEED,

Seed of the above obtained by crosa hybrdigation from the finest parieties of $18880^{3}$
6. per dozen meed.

Pyrethrum Golden Feather.
The dreat goldan-lasrod bedding plazt offired in nood, from
fimble to formot fower budit trua, biore oroo in grouth, and im
18. and if, od. per prokot. Pelargoniuma.
THCOLOR-LEAVED
2s, $8 d$ per packet.
Lobelia Queen Victoris.
Finear tall ramety for offective bed.
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Spactai prioee for thrge quantism

## Verbene Bix Bobert Zapien.

 mith beect boddins forbent of the catom; bight on

Golden-leaved Bedding Goranimi M18s BkATRICE, bronze soned f Frrboinm kow in MEs BkATRICE, bronze song

TEGETABLJE SEED LIST sent on appheatoor.
The same Lait, with the Deterptece Flower Seed Catalogue, by the mudale of Januarr
E. G. HENDERSON AND SON, WELLINGTON NURSERY, ST, JOHN'S WOOD, 105

## STOCKS, STOCKS, STOCKS. <br> B. S. WILLIAMS <br> 

SEED OF THE SUPERB EAST LOTHIAN INTERMEDIATE STO
Feccog nura, from peraonil observations of several yeara, that it fo without queation the finest Btrain of Intermediate Btock cxtant.
The ooloure wre Pouple, Scarlet, and Whate The two first are remarhaluy briluant, and the latum

 in May to theur blomang places, the ornount of dow now popular planis. If sonn carls mh March, and


An assortment of three colours (Scarlet, Parple, and White), 2s. 6d.
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Impoted GRRMAN KLOWRR SEEDS in Collo toons, Chote Strans of FLORISTS FLOWER SEEDS, arial IIBT Of FLOWER SEBD NOVELTIES of the Beßsnn, HORTICULTURAT, REQUISITES of every 1, KIVES, PROTECTING MATELIALS, HORTICCLTVRAL MANLRES, \&e, \&e.
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 - parad the rntre stock afe rised lnst fed tha Farlethes of Mause ruforted to and enumerated in our Catalosoe, and hended their cultration in the Ieland of Guernsey warcanted himitition, feenng confident that the surobes which has

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BALSAM, SROM, Mriza colidection

PINR $\quad$ Calsoothan of as namod Fariotlen


TRORAMOLNM OOLDEN RTNG OF TGं3 TaUMB


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## Gendine Beeds-Carriage Pald,

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To sult Gaydens of rartopia slizos,

XEW and CHOLCK , EREFABLEF SFsDE, Por PKP

 FILLLAMS' 4 ATCHLERS RED CELER
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RENEFISM PARE ONI
 MACLEAN'S LITTLEE GEM PEA (nery early) LEL゙S GIANT ORACI
ORANGEFIELD DWARF FROLIFIC TOMATU

SET and CHOICE FLOTER SREDS.





POL.L BALSAM GE STIANA YERNA (tho boat of ell the npeafob GFHANIUM LE GRAYM
YIULA LUTR
WALLS LUW EFS

n'enka! ploms

 yt in nad smeot semtod, and proxicod ly vomober of hat Rew (avEs)
PALAVA FLKXTÖA, fory proty ananal fow



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 ABROSLA ARPNAR1A, tho fumera ato of a pirm why yellow, deilco

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## RTPTIRE CATALGMELE AGRICULTTRAL SEFLI:



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Contarang choice assortmentz of German and English vurnetes to produee a beautiful dipplay durng the entre Summor and Autuman
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 the Beport of ther Truls, which appeared an the Gurdencors Chronacte, June 27, 1868, contalis the followiog briff but emplatie st.tement. -
"The earlest form of all was Rengleaker Soreral of the Peas blonsomed at the sque tine, out Iongleader toas fit to gather first"




## SUTTONS' CHOICE POTATOS FOR PLANTING.

slitions' early hacehorse, the forwardegt khown, ba per peek.
SUTTONS' BERESAIRE KIDNEY, the best mand most prolific in waltifation, 5o. per peck SUTTONS' GOLDEN BLOSSOA KIDNEY, a very dastart second early variety, bs per peck. SL'TXONS' LINL OF POTaTOS, a splendul wanety, took Fissi Prize at Birnurgham, 3s, per peok


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superb Hew Plant, Ge日nera Exonlënsis.





 THI URQUFABT Planting Beanon










THE
ckow：
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The advantages of procuring Secds direct
from the Growers cannot be overestimated，


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 SEEDS，In assortet Collections，iseluring only the most approved vanaties to prodaco a good pripply of tho best Yeratabl－6 12 the ytur
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CARTER＇S PRXZE MEDAL FLOWER SEEDS，
In ：sbartel Collestans，in produre the most eret o ate and ffict si dipplay in tre Flower Garden．

Colicetion A， 10 e Ct，Frat A, Pont，11s


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 1 ith ol Jonunry next the fellowing Fit ur handione

## New Varjeties of Coleus，

Ratspd at ifa Girdens of the Royal Tiontariltural Sormty nued purnhnsed he them ot the buhber Au－t．on on her bich abin－











Int if etal F．Ti ，



DOLC Chotee Searlet Rhododendrons． that his

 Eardy 名carket，Numory，Barahot，Surrey
IV

 J）Jriai Cheap Sale of Nureery Stock．



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 237 and $23 \%$ ，and 261，High Holborn，London，W．C


（vDtnstras


 July 19th to 24th 1869,
iL llilitic I I．R11．SOClEFI＇S
 TIO
 Whl be pfrand by the Proppletan of the ARDENERS CHROSILLEABD AGRICL LTVRAL GAZETTE
 to be made up ay follown


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Tarty lat
Trables
inder Aztichoken







Chy Gatofuctichomide．
SATURDAY，JANUARY 16，1869．
MEFTINGI FOA TIEP FSNI TNG WRER．

We taka an carly opportuntry of annotmenag

 for the best collection of Frunt and Vegetables，to be competed for at the Exhibition of the Rhoyal Hortculturad society，which is to bo heled in July Iext，at Manchester，an conjunction with tho Show of the Royal Apricultural siountr．
To prevent misconception，we may add，that tho C Lp is to bo conpeten for by nmateurs and parclencrs of prifata establishments only．From nmongst the numerous classes we hope to soe a harper number of competitors，and a more hearty empettion than herotofore；and，nasmith as un this rempert I ficester was an improvnment on Bury，we look firward to witness at Manchestor a marked improvement on Leleostor：Thosa whe mother fien ls on prosious ocenwions have Tons，or well contensled for the prize，should not bo dibartel，elther by ana of lose，from ngnin tryang their strength，for wo wish tho curntest to bo general，ant not local．The（up is repen fret to the pardeners of all Cugland－and theso of fcotland，Wales，ant 1relatud，too．Wo ask them to eftere freely anth tho arenat and ts conten l wigntoasily for a prizo wheh is intented a lole to att a a n etimalav for the advanecment of then craft by brisging tromanents before the aseembled srowds tha proults if real practionl skill in frut atst ramatakle culture．Un thas ground，mainly，we urge upon ealtivatorej one and all，who have tho opporttinty，the duty of ctagame with veritahlu conteat for cur speral pr \％e．
If the acquititions ot the nast year in the
 in istual，there hut leen in manty resprets uth－
 thora lasturg anl uterling character than thona of lar farr tirt rhangenble sister，Flora，whe es
 adre me tast wo ；her ends and destres im： nulway the ame－n steady improvement of aly．
quality, and constitution, so that those who though more straightforwird work before then than their follow-labourers in the loral world.
In Grapes alone. the nullest and mo
 have sufficuct of motetow write if w... the or, it year futis in rel 1 thery
 previoun geary lates in wil with katas



 between the harijplen hamburn burnex arn of enormous suze, semeshat rest mhlins? huge
 pion, golden in colour as tho Mrew it itwe...
a flavour equalling its rival for $r$ : hneso.....arnth partaking more of the Hamburgh chat 1 1, wh. with a Figorous oonstitution. II, lass heie a Grapes will up the llunk whioh has long bee folt -that if a white companion to the Blaok Hamburgh. Home cunvus crosses of Mr. Pear-





 belonging to all the Atumenth, or l'ox Grapes ab they aro culled. It is however ans important break, a rosult which could searcely havo been
 future years to obtaik finest quality-who kuows? their attontion to tho raising of at raco of hardy Grapes-Grapes of large sizo and good quality, that will ripen their fruit exrly and well, in tho open air of England.

Amonggt Penohes and Nectarines we are again iodebted to Mr. Bivers for some splendud acquisitions. Tho mprovements which aro being effected in thir clres of fruits ate truly marvelloue, en numorous arn then scoerlinge raised and fru.tod



 tender 1 aeltisis hlabla, und it that us origutal and "xypunate Aheother saroty, geoding from Cooledge's faviunte, liz alio one of very grent promixs: A new whuw-tleshed
Peach of Mr. Petran an megquation tos that clans, .ith nght taw sulowtheshed sorte are art getmiat lankel yun with much favour in this country-why, we cannot tell, for there is sometbing peouluarly pleasing and
warm-looking about them, thoush in flavur thoy are as a ruld inferiur

Figs bave come in for a more than usunl aharo of attentron dunng tha past srason They have there in mon fruat sur really delumata 'Then Negro largo, uitroluced by Mr Frif Mist, of (livelten),
 quality. The likurrusxitt (rnin, figured at 2. 1280 of our last relume, though not newr. is but hittle known, atel may bo thus prominiently notieed as beng without exceeption the reliest of all the Figa wo have taxitel tho d'ol de sipmora
 handsomely att.ped with froul bands of green and yellow.
Amoxget Applen wi have tho fell watg warthy of tontere - Ash' Herabeth : large culinary



 Year, sa an introduction ir min thir tentirent,
arid has flesh reeembling that of th.n Margo La thera and? Glor Morcemu curl Mulat. Tr ist luatiful l'rass an pevistenco, but ion is onte of Mant isw itent quality

tions to recorl amonget these fruits. Strawberries
Fould duthtless have furn dant maternaly to clurow le h. 1 the westher bren mere fayourable ; but, being so hot and dry at their season of ripening, thay were in a great moasure ppoiled. Somo seedlings raiso no yet itandigy and Mr. are if wonderful promise; also the
 I lithrin. Lord Napier, and the Sultan M 1 in thirninh $u \times$ with two good varietias,

 Molons are almays plentiful enough, and thi the uris, of thern so rrincipally a matter of good cultivation.
The progress made in the Veobtable depart ant has not been so great as amongst fruits, the past senson having, in consintimete of the x comve droight, lewu perhaps the worst that hiscior befa mpestoncud for the proper Prime cution of this, the censt attractive, bat by far tho most important of a girdetier's putsuits. We do not hare look so mach fior notelty as we do amonggt flowers or fruts Tho improvement anong'st bretable are offected ly careful soled t1 in of partic ilar form, and by the huabanding of seem frum these, rather than by the exertions of the hylrudimer. Thus, when a new vegetable is sthoincel, it will in most cases be found that it is only a particular form carefully solected from some variety alroady in cultivation. In Peas, howover, we have one or two grand exceptaons to this rule, and to Mr. Cartron, of Stamford, our thanks are again eapocially due for his suocessful pxortions in this field of labour. By his thint. in hyhridisung the Pea, wo are gradualiy lewot.ang Yuntul it in iso of early green Marrows of
worderful excellence. We last reason rocorded the introduction of Laxton's - Supremo, an Alpha, which have quito mnintained their Luph charactor; now we have to record a atiili great. accuaisition, whioh has beer named William 1. a wriakled blue marri,w, as early as Sangstry : No. 1, and producisg very large pods a grand acquisition troly. Multum-In-I'arya, a lurger form of Tittlo Grom, is in somo ruspecta in improvement on that variety.

Amongat Kidney Beans, the Balmon-coloured Whlucy, mera to be fery ford amorent dwarfs while amongst liunners l'rethder sis is decileat it lincition = true Kidnay Bean with a running haulm, and consequently a continuous bearer. The new Purple-podded, has proved to be more curious than useful, the dark colour of the pods militating against $t$. Of Colorius we hat Sandringham White, a selceted and somewhat taller form of the Incomparalife Whate, wil Carter's Incomparable Red, an excellent dwar kind. Of Eadives we have Frasic's Trend leaved Batavian; and of Leettucess, All the Year Rownd and many fine forms of Paris Whito Cos. Mfr, MkLvilus has bean working aseiduonsly for some rears zast in hybridesing tho ol peronnial Woburis kale with the ranegated Borecole, the olject beng to secure a peronma rariegated kale for the decoration of our shrubberes in winter, atid in this ho seems nom to have succreelen, the yaw firn. hering an .mpirtarit acqlusition, although mot jet quito so Amongatt 'ucumbers there are always numacrous so-called noveltics bearing at lenat now namea Yat there 13 nothag particularly new amongat them, the Telegraph of Rollissont und I'aul, Pearson's Jong 'ruu, and Mustera' l'rolific, may bo cited as perhaps the beat forms of tho lardy nuge sort, promases to bo ant excollent wiater rarinty, as durg the Early Wintor I'rolithe To these may bo addel tho magnanficent In Potntog and zent out by Mr Mavit Tor
In Potatos $\rightarrow$ one of the most important of all
Mother Luith a productions-we have abuudence inew materal. The past nesen sas, howe ores of the atrangent atal moint tryms that has
 the excenalvo ilrought nifected them sreatly Almotitia Yorhshire IIero of our great Fotato Dr Fevs, \& a line sort. Clartet a Ma, (rnp of the Red Regent chase, mall prose a in , st
 loutch' In pmed A-hisuf, and many othir the rutarams- to mentun. This thratutho Furioas department ne hase spanthing now wnte down, some improvement to bo thankful
for, all tending to show that our gardibent Nature in her stom !y answel march.

## $\xrightarrow[\text { tion from one of our hast proary curiou }]{\text { That }}$ tion from one of our best producerr of " Comen

 seonied Rosess, that a large callus in in of the base of the cutting, whioh keeps 1angerem
 dith $P^{2}$ lorgon, um- were fimertel to the of and whon examuned, with a view to sause, it Was found that from the baco mouns
 some Clavarta. In the specimen before upats om cha perneratly the oase, and fradeed the pparado haty grienty tha case a man 10n exam
 Whert for lowestan wis worn off. This epper ollaceovs apporise many cates on the tuberform body in fact, is simuar, thoumain a modifed mhol occurs ocosasionally on different pata ago is this Jourazal The boisy was too mucta
 woult of mtcroscopic exprnanation, but To ha doubt shout its being of "manfermed bud bormal or adventulous. 'fli" raure of the froaks, no one is, wo believe, in bur present ra knowledge, able to explain. Br,,$B$

- Mg. F. C. BarLDON, of Manbunch, be isgued as specimen of his new patentai prum Naturz-PRLFTLNG, in the form of forr fuin pa wontantint figures of 1- suefige and varietien of a
 sery fils aly an! trublifully reptrasanted, than
 the perfeat soouracy of first-class hand-aolont process adopted seeme to be that of tavins direot from the specimen, alter carefulf din witl prepared +nk, on transfer paper, whem
 momared rt el outantal sa cean spl
 Prons, the it srie bstaluth it the German
 swa of the postor. an ${ }^{3} 1$ ariats of miro accunteres 0.2, especialy as Tc parili the thanker parts, the the renation aspeoially are lons dustanely brouki To remedy this latter defi iency in the presed er ifrged woodelat fipures, draw 'Tho mork is pol by 13 agVE \& Co.

Below we give the rernlte of the light
 heting that the papers worked on that helow the average, specinlly point out that it e to orlhogriplis, butli in the case of ordinas and of the pames of plante, ther resum the
 "Lordizabelas" for Lardizabalia, and Amapotu for Heruerneal is The schoolvaster lias a
 gardeners. surely with the k+d-g.ove prapo 3ad tirnu estrmate of the value of thent zermas part of the young men of the period, we odgise解 to ind.cale earming It majy be aecharg set mis, in Pat
 The qwards aro as follow -


New Plants.



Wh meni. frathon. ar retces Wh hes we fat abtatimel thos flatit
 Whbait lbatirn



2 mats Veitely obsanad the plant through the late 1 re Skinetr, 3 sh irom Central Amer mentioman indecthed it to the memory of that gentioman,

DORANICAL DRATVLNG.-No. II

- forer drawing smooth paper is bent sutted, as ginems of time
The best pencil to usa is sn H. for delionte subjects,


oof bo noturely subjecte it it sometumes dearable to Io botanca subject, bulbe \&o, but they are so eas.ly cana tiat I think no mpoind direotions are nceessary. Artce of arse, tuerefore the ruler should never be and it is the an a only worling of soloolboys. It is mofe dat to sketch grasser or longleaved plants. braiclies hould be first fandily outwho emby occupy a well-balanced joistion at ine paper Then nath whenco the seaves bprong It
 Wh. show the adruntage of proceeding thus cautionsily, fond ull. entachment, wheltier visible or not.
 Wilownin skaseh abope, as in the left-hand out min tho If relezed, commence with the upper latives, for the naes reason If dono thus sybtemathenally,
Oppoeste leayes are best shown alightly afkew, but if mee stema is branched, the leaves on some of the
innches should be more or less foreshortened, for the Exe of reriety


Cended harde leares fantly be fore sketching them sies are an! not with repreated touchens, unless the frabue. It is lyeter to put andofinite outline in (mat be leares may be-lesteg degree of curve, hongerer dentes may be-lesves are very seldom so riger
hafe tone then mark whence the velos singe

It serrated leives it is gafor to put in the serratell Olatiter teriminate in the pointe of the sarrastures, oom mence the veita nt the pornts, and they are sure to terminate proparly.


In lubed leaves, after fantly indicating the lobes, put in the ribs and $\gamma e n s$ firat, and tho outline of the lobes partucalarly if they be toothed, wil. be found muci eavier In digitate leaves indicate the pretiole and
madribs first, the relaisve position of the leafiets can midriba first, the reladive position of the leafiets can
be kept with freater cortainty. In pinnato leaves, when large, after fantly skoteling the raohis and


The points whence the leaflota epring, put in the mid ribn first, and defne the leaflets last; if the pinnate les is small, this is unnecessary. W. H. Fytck.

## APPLE STOCKS AND FRUIT GROWING.

## tr in mhaskit te thex:gserate the rapertance of tho queston

 varloty of ef firit, howovor good to ot nul so tmpertant $\pi A$ atook whioh oxercusas a good dffect on nill the variotict of species grattod upon it, satd therefore exact knowlodgo of the varifties grafted upon it. The pith and marrow of thï Cifarivglnn ltes in tho answer to the quastion What is the trice Fronen Farmiec shak Bod what is its vaneRtvers (and alwo the Rev. T B Brebaut du Paradis) - Mr





 fact that tho daminuitivenems was mot owing to It belog al why
 sfiur ucepi g them1 threo years fin the opon ground, found
 than the tliny treas athove diegortbed th trany Froneh nur-
 Ef foet high, at littio more thall a goar from the bud; and in numanous eardens in narthera France the Fery frufting



 wion ir than thes Armonian Lilinit..nd, of which not a Ford th cinatio anyone to say what it is or wiat it fin relmad to : sitd

 Wll Hoxt learn what it it aceurding to tho learned druit tres and merndtisioco appoars to beve beyn flyt 1 und by Rualsues in the yoar 1537, and does not rolor to the Apple of which our fire paronta parturic in Paradipo, but to a fruit which is nupposed to huro been eent fromo heaven. It in a mative of moxita-oant
 havo ofturn sean thrm phat in the Caucamu, Wharo it iorm

 it is very much umod by frut-growery far, trockn for trious it



 of viow, thant does not eolncido with the practical experinico of


 fied end tidy the "Rovuo Bortlooll the surfase, and nerer


 the eute of the yrueng shoots. Lotives lantecelste, cllintleal, of
a light groon sbove and volvoty berienth, tionly denticulatod, a ligbt groon shove snd volvoty benanth, tionly denticulatod,








 1 staull 1 aso conseych a



 at Ferrlares, and in the Emporkil Girdorn, not to mention
 its raluo is oivundant. Of thel atick, so approsinter acroms ho Channol, He Rivers writo. 1ht, it is two toader for thit

 chown to bude at the bend, thate fluere in not eosugh of flal
 the wiro : dth, trees oth it, दnstend of cordons, lecomostnmis: stb, it is exiectey the convorsa of tho truth that the French Paradiso Ethek flourishes bottor in atifif, cold, clayey anils, than to thome that aro light and iry, if it initd att
 of the truth brat I ehatl simply quote a fow' optntons of welght. Professor Decaisne, who in jrobahly tho first pormo



 the ground, with sta roots "axposed all tho whinter, cannot be

 person who consta blit oye ont the map of Europo ayd nean tbat southero Eoghand nod the Foorthh part of Ralghum ang to erely flivided by efow mille of wen, will suroty hnve to ant himsolf, In thempo magion to the aft, that a plant which if yro-
 will probably havo mode thy hils mind abotit the matter by this timo, nud zold, "It is now mmattor of simplo export ment: Iot in try it, and it conronfont, In conln tition with
 any other, I have recentls ploed 400 A pplear on the Jarydiso,

 to bo untric, Prinll be the frit to proclaim it. I appoal to the gardenern of Englatad tos tast tobe mattor, Many of my rric nds haro alres.y tilyen it in kond, and to a yonr or two Fi Full know tho resilt. (Imo w. ni to those nbout to test it


 tree, and ksas redly the say will raske in cif it to necond
 nlithl at the apex, wbtch ri=t
 in sillor is time, and quotes hia opdinion tifunt it bint ine diforent purpose. Millor Ray that "tuld dearl Applo.
 Apple, the undoubtediy a distinct greeffer trom all the others," He alys the stocks are not of lone duration, anr will tho trees
 tatoments he is nerfocify right The cordon whs unknown fn fist tlame, sad If tho Peradto grew ingegr thun it dous, it would bo uactesa for this purposo, but tho Paradlac was known and apolkon of long beforo thon. In the "Comphent Gard"ner"
 "Moreorer, Apple wridis, w, wintevar they be and however sraittod, aro it to make h, . atandurds, but aot fin tho losed fit for dwaris, and the quito contrary with Paradas stockat tosomuch that Applo troes toull norer ko plantod to . . dwarta, and talke up littla youm unloss thoy bo gratro: upon Parrudiso stocka, these quiclely bear fruit and sboot littla woad

 interstating noticos of the Puradiso in boovity that appeared 112 geare before 1768, the date of my outhon of yiltcer, but apace forblds कlving then beve They tre air malk to the same offect as yMler's secount

 and in a mueb greater deospod entyc Ihitiant Early to lart Jinio Ivisited Mis J, Woo an Engligh nursery-
 Ianted lit Ehiglaid thare ere arso thousand planted in Pronsice.





## HIIIA lalllic GARDEN．

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an on andife of $t^{\prime}$ inl $n$ ，stad is the 1．＂．mintan

12＝ $2 \mathrm{~A} \| \mathrm{t}$ tr


 wirengthening then lreationtion． foot 4 atrela




 pis en of Whitish colour，arn harne in Incue －torn malled cap of the young bramem the fruit



ty an tinknown trm Jhe spacimen
 Whan at ；＇
 The tacting and evenitg during the ance under the

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## \section*{1 $n$ $n$ $n$

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 uross，and was 77 years obd．
From the forgoing aotos
From the foregoing gotes a pretty anm lea mar in








## JLINTIV：FIBITT TREES．








 pintinc frait trent brabif of the ghortuess of ther lialure las ia spry matural，at some one olse might
 In Spritarerland and in Franoe thinnos are quite dil－




 shoulders．I have seen as gond frumt \＆romen in Ireland as I hate erver rent in nay ：art of the conatiment start leazes，it will be sombe tima bofore Ireland WI bea frust exporitng montry＇






## Betore the door ingern．

T


 J． 1 u＊Jewe lhe inismental part of the hasimesa ？



 ith ins it fler and［errt hay heen male，and mal larn for the press． Sum，il this hav
havaj bongure saloyarif famer can pay has rent out of memethug out of theiga a year＇s rent and wion thet of uler froon the hinses，if at only happened every paramer This jears，wind be a godsend to many pend；aris the Gres fenmotte，both first－
 th our market in the early jart of Angerte in fart， al）fram the caris tim new imples thet wepr be tis
 a ne montha 1 phe ir tae mhtager betag 10 lise for
 ct ler aud perry for lesa than ar per ewt，and an anod rate of＇r the in oref tarted in Devonuh．re at the happen ever rear，but do not produco onough of frute for the houmbold

## 1115しお

Ji T Mnw wirn



 acerg tral getatal miace in Fis in uhat
 Lettuoce was obtained，sexd from an indsamitinfo of the．





 onarme－growidg tasiets diaglaleza imorim：


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$\therefore r^{\prime \prime}$













 Fulham Cosprored to be an athfer we var ely Hislie－e
 Fith Poris White Cos，mud ame mixed whth wome rogues．＂There Fere alon nome three or foll samplea of Part While for mbtained frmm diferent germers，




 ulat tre whoenzie seedrmen degomatate common 14 to（i）
fof tireft 1 as Lettigens that knom at tho Paris

 ex reptiontbly fine it ${ }^{4}$ not－aghle It it tl है I＇aris（im Lethit pa have a perulaf conformition：in that while thie rutinte leasers retles shinlitly，the iuner leaves beromir futeilize and enompit The Jarietireg Cos it a hot lif intertiandiate between the green and white



 dericer lowh of a dofont meta！l frems hue and narrower and more pointed，it is a rariets that stan ls wall in hot weather，and is thareferentis mare Falushle Tue firen 1 inter（ax F lmorin！han a comenthat diatinct habit of growth，but bss teadency to rua estly in acm！
 Rrosn（ in，buck meal rap $1 . y$ rug to seed， 25 of better

 ruan to sead ila the other hand them are tn two hat


 Jark，near fibadon
i）Cabhage Lettuces，Mamers．Bur \＆Sugden have has 11 soma niterexting trala，and they appearel gamarally Whate Cobber
hend aod Malka, between whi h there
 Dramhead, the lavyes tinted

## athere, ratues.ar ar woth Ifyal blin

 - 2 Tey


 form of the Drumheud, tinted with browe on the upter surtare if the laver
Of r"athwerneturea, wha acm wather lest surface












 but whub dues nut ruis to reat mo readily is it
 form of the $v$





 Tenniatin. I, but nat corrapat isi kromilt, and more

 represented by the ful, $\pi$, kiala - Brown lith b

 posed, thatizh tho dif.rescer all the entoker fote vas
 ortainly thin otily yellow-meeded lettuo I amt
 Lettuce well worthy a more extebided colstation Thate vertety wan agt laciouled in the triala the renuil of whicligre bere given inx.sotuader ha of aenery the Wath rel, aod ratare mione mompatit.n ET iwth What


 anoar the turly soris, as it 14 remite
Luthy curue the Spo:cat " 'apbar" Lattares, of whir h there aro both bleck an Wiste- meweltal kind. The trepll leaves apotial nilh rmidd sh-bri wa
Shen rax) well comp ${ }^{\prime}$ 'a 1 at at "e are otendone mith

 Loutuces. There as an doubt b.al that thy are abpabi"
 dimathe zorts, suitahu fir ce-ia n acazons mod f urpsum:
 ounar cis ond ourculation for the fint titase, atal there to reament belonse that that weif tame liad an thian winter appering the atome price wluch it sealived wheo orranimy dis


## Thome correspoudence.


ns it retajas its foligge longer than most other trees, it
is unciralled for public evenues and ornamestal is uncryalled




















 therofore, should a fux bright sumy day happen than








 Ho 11 em very Inquirer's" case, and $I$ hope ere very long to address

 uruamettal creeper art at hat fuubid rout I have Hanted it both in Irtisu, 1 atid, a the Kingent's l'urk in both plicon fo launsua it war, and han done whe barapot mall ahode a leria it. It hiss krumn with the














 i6 branches to a hine higaleby tre.. must be 100 years old, whern is a hita, il tir ant an








 xruat it
l, manti






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## un rety at 1, $a, k$, mt

以Grapesgrownat Oak finl|. In covering What of adoption hy alll fromsa ernwera. Ho likomini

 roply dirir red jrifinlo
 Wht bave earpect the thatikx of a gandooers



 ad in la be fenred, is finne, abd thair effents mparafuliy mithe











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 a. Mell is beots $\because$ altate

 desezates to rehort [romress annually to the conkress





 $t \rightarrow$ of of appersent, and the narge matherinx raf the

 stand no between hoth patter that the expenses to

Atmospheric Pressare As if inss be interestime t aome of your readers io ccrupare the remarkable tef ression of ntmusphers - jreedsare dimny the past month with 'inat whele becurred lowards the close inedu*ed to veg leveli on that orramum from the " l'ro


 R Cann Lippineotf, $F$ M $S$, Orercourt, near Mrisfot cotarkzble, abd an aroount of it tuey ho materesting My instruments are phaced on the side, and near the bottom of a hill, 10 s bheltered stetuation, free from wals and trees.

The bighest observed tuncorrected, realiag of the barometer at 9 A M. Was is $120^{\circ}$ on the 9th, the lowest, in 6520 on the 21 th. The highest self-rexistered temperature occurred on the 7th, 59, the loweat on the $30 \mathrm{lh}, 335^{\circ}$. The bughestobsarved temperature of the dem-point at 9 AM . Wen $58^{\circ}$ on the lith; the lowest 31 b , on the 12 th. Tho highest humdity at 9 a M 피 $110)^{\prime}$ on the lst and with, the lowest, fy', on the 12th Tho kreatest horizontal movemont of the nir in 2t bours occterred on the 2sth. The direchion of the wind was south-resterly on 15 days, south-easterly on four days, southerls on three days, westerly on tive daya, nnil eavierly on fotir days (9zone was very abun daya, nnilearierly on fotir days thaone was very abundunt thrughbut the mouth, the or ly day showith

Hatterties at Pau an New Year's Day - One your rorrespondents mesilivis ther fart of his lasing sent a Peacock butterfly on the sing in the open field on the e2d of hatember, last Thas is, , behere, for
 with na few milte of P'ay Firancer, viz, the common Alalanta, a yiperest of Fritulary, ana the stiphor enloured Whether there was avyth nis hinsuma in their being seen in midewinter in that lualits 5 I dn not kaow. J $A$
Tabers of Oxalus cransts At tratis, on mp retum front lani, hasiog a attle time to opare betweeth the

 doutt was my old frient of cremata, that I asd not seen for 30 gears. The hoar beage early, and the shop only just opened, thate wns yo ove there but an igoorant woman, and all that she could telf me mas that the tubers mere gromn in tha ajon air, and in the neighbourhood of l'aris I brought antay a number of thent, which I hone to erhbit and comment upan at tho thext miteting of the foynd Herticultural soriety ot south hansington, and in the meanlume should be particuarls oblized to any of soar correshondenta tho mit hin ace me informistion on the subject. $J$ B Is Jy fe Firk Gate lauts
Tanks ('an gra or any of sour readers lell tue of plan to ket water out of a tank
 duwa to it $W_{0}$ find a moderate-bized can feen leasy

 Cricketg of ?

 do-

 on ame bread an 1 .








 fall to eny, when it lowem 1 tie suns induellice lears gone by, suth as [ 3m 3nxtowe to protare wed to be
 ut part) in March is mere a (ureutabez knuwn a tho thacehorser and where chtamable
Bata I have made a tarden, ramag a meadow, of 1 t brook ranatise throtatu, en! im kreatly traibl





 up flowerapiko about w, notics in lenkth, an 1 in addition to the terminal shoot of the pplte there are elght lateral shouts, the agaregate of fower buta being in it promises to be ma exbibition in itself and it is to be hoped thel when in bloom it will appear at ono of tar meetanss or the Flors Commstiec a South kenarixton $K$ beam, hiling
Sedam acre varaegatum I laste wome zinall carcular beds rarpeled witt 1 is sin wy intte texluth, that are


 tals season of the feer most uiseful fursate pasits for spring work that [have
 do not use it exterss, rely The mild, moint weather rost it never likise its cherful and bright appearance. R Dean, Daling
Telegraph Cucamber - I formard you a brace of Rol Joson's Telearaph ('ucumber they are not quite equal
 cropped them fither Leesvily My restion for aen junk them, ,s to show that my broluer Rardeners need net be hnuer aliy fear in srowno thas varen $n+$ nter or old for Holliseon's Telegrapl si 1 whre complanaed of old by meen I hare then of tro ar three instances an which Cucumbers could not be produced of thts rariety Cter; they cerlanaly eenoot liswe been the tru cond, for $I$ find it an extroordinarily free wether and conjer, I do not think there sy anything to equal it
 Natal (rrom eigla plant an are ber Jom former

 reppuriad tu do an 1 l.t. 1 it a very shy geeder if hept rue, but It fertsizel! with ang other free seeding kimd t will prasuce suc is freely, but it theri becomer almat wortheest in comiparisort with the pure stack, lis one

 stock, but it in sery dionot at hat grow the ecel fur the ith jrier be inks. Gite of the pr nelpal turnits that in refored if soeds.




 an ablen wit wortisess variety, thit w.l. nut bear fru.
 produce coe of the maserable-louking $\left[r u t^{+}\right.$sendra out articleas true to name dues not app+y to (unumber alume, but to the gentral artw wes boid in the trade think this 19 of Byial if not more importance, than th mating of seed, whiett as bellig ulscusser 12 the columo of the Gardeners (arumete Jo (ontidering bis season, the sumplen setat were Fery giod El

Pruning Forest Trecn. Mr Mi l' Ayrea ohjects :




 in pre unt Dr. Ayres sistemont of my pontive bemy



 anth lite the lance of the gur 1 rers and small
 tation, wnuld net hare frect tuach benclited, and by
chargige fise macape ne now there was the ribi of Itawitit hand cursc! ilve from, the I whate of theso
 pamphilet is addressed solely to montlemen. I am glad

 meril. to inerease the alter vieour. John Fownecime.

 now to get vegetation as soon as possibie on a prece of
rock work thit is building frere it present-the large

 glactering it neer with lasm athd thels a fead leap and



## Forefy Correnpondance.

Gardining Notes faom Russia.-Before pro-
 jarta of the is linery
Melews - There are semeral fartetice of thane grown n the ripen flatd, but the mowt popular is the WaterMelon, maller is Rumina "Arbmen" It mesuures



 thesp a- 10 he within the reaclio of the very jun reat A copal ibma Arimmaz may be lial fir, oses thaza penns





 torgoilen, but they easilit disprive with the Arboos Ti-a neh have it hy the enl of Jume, bat only fitt the

 corloms any toil at,


 arrtli


Cucesabors.-If, sceording to Buckle, everything ar peads on climete, it js suraly true with respect to fooct lue whter- teor in abuudant, and in the greatewt
 Rasiled that




 These suanl t seumbers aro ran ned in frathi- firir tho
 Wile, are tiled with nlabto durg an! the liguts phet on
 Theser frames are generalify rary rude an wed sox the $r$ construation, neiser $r$ a, afs abofe the gurlace of weokg before Faster people here good For at leaty six

## 

 down oftener than I can help, I crave permission toanollon out in time that I belock to the blues. Andrawe
Cycharens,-I send yots, in a erall tin be a to s thals morning frorr the opor borders, wad without the R. 1. i protection, They are not in single on 祭 or
















 throurbi a rongli chita Aftor atandiag one ataht it





























 flat of that-rete foraper, then thmy cmati not houm be ramored bort authirsties recatsimend the pota to be romored, by hand, firm the houte before tae ripenimgothe truit, ami to be junged is tue gnclent to

## - T


 $=2=\mathrm{m}=4$





 $x_{1}=x^{\circ}$ on 120

$=-2$

## Forists＇Flowers．

Trat in the fand of wicit a trying season as the past nonmer has provod for beddung plants genrealis，sund hould herbana in particliar，the Floral Committee Yerbenas，as fine and useful bodding kinds，out of a momsthat hrouted number of plants bedded out for inul，la a fart puough to rouse to a high pitch of enthu－ man itho lryal tr of those advocsted of the YYRRENA alanty that has haprened to thelr farourite can dirkea，Fore atill foutid propherying that＂the gesf－ bugled boddagy planta，in which dingy and useertain apor of sei－chwired foriage，or leaf－rariegation moored lowers，will last but for place of gay and vari－ e mippatited hy the oll and more palable plants whose Centimite possession of the flower garden they base for andea the neglected Verbena lias just como to the fore emand，ead faken hugh honour at ant kiod of competiave Hinalation a seacon stria，niloud－W th nther beyldine bentas，an ！to ton foilossing season piantpd nuta a fow Fer Dera wera awarled，a4 recorded above－James［3urbech Perrs，whaled piak，uasibed with nolet，a fiop and niny irme broming，bedding kind，trusnes of good Wape krnps ita malour well under a burming sum，and Totrst grar Liabit an－l gtyle of growth．John Wilson xdm rable qualit．es of the foremoing，but yet sithe
 hempios a nttle mple with aree bat withoat preventing A was appeartice very free bloominir，ant excellent apocars to be commently adioleo pots that fatter Fariety Parn．Was also so gron the Jerbean．Hereulnu fomin the furld that antarhest to most rosn－colournd herthenas whem nsed for bedd $n z$ purpores－a tet deacy mara with white whis witb a crimeon rink surcum ov it it han ato free－hisomiaks propertios，and an


 To monothat momster at mone colour of the flowern，In proof ho aseart that the atmosphere has been mois minomb，this fyoth has done very well unprecedenter



 ge，an 1 a pood helding whent Mr Is Thonan
 had a beaclic al effet on a Romewtint．rany sent sromer lke the oll Lord Raslan，as it bsistempere 1 1ts gromth and mereane its trindenoy to bloom fresly anl con－ the Promenade Gardens，Great Malsern，by Mr．IR．IL weat arpect，it was alorimatly fine It is an excellent


 hat have kapt it is lowiz in chaltatiod Blancme of Castille is another rajital hecturime kind，having pure White thorers with a sitght lemon PFr，anda good babot Thre was also zery gitractoveat Mr Kinghom anuraery at the soyyl ．ursery，wouzh，3ir Timer plantm for bedding parpozes．It alforded a very good oppor－ tunty to cet something I ke reliable impressions of thenr apparent usefultages in this respect．The heat thas employed were－Apoilo（Sankey）Maln flesh with bright rrimson cantre，and gutiused with tho satas，a wondipitilly free blommine kind，of excepllent liabit，and which kept its colour whal Uwhme Herman Steager
 bed ler：zomething on the way of Apollo，but white，


 ceutre，an l wapital habit．King of Bedders，Wen，are son），bricht crimson－floweriaz variety，in tho way of
 glose of colmar Ti vemis the Bzluat，a sery ghad rosy errason，the fir wer pale a intile wath age，but
 both sery fino and crecive here as at Chiswick，the predom inatt hat of the former a vearlet，of the latter rubs．Mes Turier Perry ，has at sery koda but comes
 deop rose luce，approaidins in rubs，in its emict it Las more of rose，in the thower tian is foulld in the case of mate nach nuore closely to the smeme bue of colonr than Thon frown under glaes，the colour of Heroules fades a little as the flowers aqe．Iflac King（Perry），pale


 profuse in blooin．ag，colour bright phism yirple，with small whito eye，a hind that retaids to colour pomart－ ably well and also promisas to bo a good varien for pat culture and J．C．Ward（Portr）bropht pur good bedding habit and freo blooming bat with a tondercy to come pale round the small white eye some gitar 1 topen
Of pure whito flowers，the old Snowfiske has done mant aimirable duty as a white bedder during the past mamer．In 3 feys nztances whera it has heon pean （and they represented sometrhat d．verse locahithes）It too，hal lost samething of the strong growth it mill frequmbly manifect．and had produced many more bivans than wsuad．It would thus appear that the dry weather bas beueficially affected strong and ram－ pantijrowers a fact that may be of ume to calt，wators in Def iture．No doabt the groat bane of tho Verbena 8 alforting its atractiveneas， 17 wet waather，ass a heay ain Lionld bo borne in mivd that all flowering piants growit calico and a loosweeping condemnation of the Yerbena catise，and a honsweeplag condemnation of the $\operatorname{y}$ ，$D$ ．

## Tye Apiaty．

Winterino Bres（contanted from p． $311,-\operatorname{In}$ my last communication on this subject J rave the ideas of sozdo tritery in the＂American Bee Jourrai＂＂who are in favpir of winterinir bees on thatr simmer standio， browning iur them minper protection nod tint ation duabse th such a condhant．I nnw，fram tue same nates of the dark cellar or eqparnte house ayatem of wintering．leaving it to my readers in this country to puder for tremselves a ivelhar the adontion of either method is delmose，and if ger mich plan would best method dour purnes，and uf E0，whicin piso world best有
 into the elling bees any one care to know who Well，you remember the nhe werk swarm int pether
fuat of bees that we kept in the ce har hatt winter， H．Icha consuund less than one frame of honey，and of tilut 1 shtulus wero inst，after being set out a hay or any seat they her us more thas 50 ib ．of honey Now，had they been left
out with the athere，they wold aseuredyy lave died．




 fulf presergedfir ind ashstinn wh wean btocks，of in lo．of Lomes from carlh rotock，by parrjag them
 We slall plice a thernuomicter there，so as to koep


 so Wo cannot leelp think $1, t$ St Iangitrotho new pan，for minteriag 18 an awfal 5itht
of trouble，and that ti will and answer the ssme purnose as kecparg then on an cellar at a temberat ir of nboat $10^{\circ}$ ．Wha hot $t$ ．e same objectron come in warm them throngli as c haves that if esn7，camnot as luah as a thin bivo and mat
 last joor heavon was mandy owidg to tho latpa amount of rye and oatmeal fed last spring＂W＂a ithok，＂lae remarks to the Editer，＂you should adpase，at the proper season in large letters，the use of rye and eatmeal but then how fers would take the froublo Anotler rerre－ponlant， 11 \＆Jiosio，sass－＂I gex
 since，an I will now say in at I have tried mont of tho



 coft pat－stram and so construoted that，they fit tishty on tho top of the hare，with a space of a inch letweo tho struw ind tuo fames，This allows in free tassage
 thing to ciluater fo ruaps ashes，won lon raps or some thang of tith kard may answer，but inothong is 50 （a）anl menn to hanslo as the mat made $1 \pi$ a frame
 of beex in the basement of，my double－
，sweet phatato ho ce ithe mal sof which
 Wo pervont molstare arsiag froms the earw．Tho larger proporbion of the lures were well fitled will hopey，but somo cight or ten that camo of lato in August（some swarms haying sazed is late as the 25th were only half suppled．Alf thesa wert anverted，sat That pioces of sucar－candy lat lon the combe，to save the honoy fit snrag consumption when first set out of the Louse，that being the most dangeroua tame to fed，from the siterferance of robbers．I removed them from the house about the madde of hfarcl－all borig ta very fing condition On tho fytis Jiay thes monmeved conding out natural swarms（they were Italians of coursof．I did not loss a swarm after entimg tlem out in Maral，During the wintor the mptelly did not fall below $40^{\circ}(\bar{Y}$.$\left.) sa imy room，when it wes 1\right)^{\circ}$ below zara out－offoom f do not－dmit s 4 of light in th room，I shall pul 130 日tocks in the Rame room this winter．＂

Thos writer haila from Illinois．There geoms to be a great deal to be stid on both siden of the question as to roblch place is the best，but evidenty the alime or his dustrict has tho most inflamos an the deainion to which euch beo－0wner must arrive 今．Zocas Jbs．

## Obituary．

Wy rearet to bave to record the doath of Mr Edwaid Pabre Fraxcis，on the 11th 10 it．，at hy reandence North Thond Cotsoge，Hartford，in bis fizth year．Mr．Francis had been in bustness for nearly 10 years．

## Miscellazeous

Plantran Conifers，－The two great ents that Cunifer alantini is low confined situations．finforiumatel Connfers to not always khow the effects of these erts， In dry fe？nana ind milit winterg the plants do pretty In dry aenanma and mint winters the plants of pretty nutumn and thid ts follimert by a sprere winter，the
 ofters disatenus 1دlants extont， oftas down as lender Hardy Conifers when alanted
 serouniv from a few deareces of frost，White the rery same kinda will，when plated in thoroughly wor lrajned hand ami oper ary utuations，stend many When Comfers are flunter in badly lrajoed land and in confined places，the wond very rarely geta proppiny

 Hoter rarkes the spmarciets to perisu，and the pion From long practical observation I have very fitilo
doubt that excess of monsture at tho roots is ono of th
chiel causes why so masy hardy Con, fers suffer s much injury in severe winters. of tho soveral thousanda of Consfers planted here in the rark, tho sleasure ground, and wools, not one of those 10 exposed satua-
fions, and where the subsn, if of a dry porous nature, stifor in the slightest ilestree from frowt a few only, In low places, of where from the nature of the ground


 wish to save tie line roots from perkining. nor can the istuation be too open and ary prorded it tor shelterred
from the fury of the destructive west winds. $M$ Saul,
 mann's experumente, there is an ensy and chenp way of rethernotr wood ncombuitible, it consists of noathince Mechanic," thes wsil ouly protect tho surface, bitt it \#wil prevent the flames from spreading Chloride of hme, or more properly thlorido of calcuro, is obtained on a arge scale by decomponing bones with hydro-
chlorio and which ssolves the calcareons part with-
 and liquid ehloride inarh $11^{\circ}$ by la.ume'sberometer, that li, futd an equal werght of slaked hime shoald be added, and it may then be apphed to hre woodmork to With a common whitewashng brush The cost 18 at the rate of aboat 'j franes per loo square metres, the
liputid costing 1 frane, nad the rest being toe men's
 exiracts gelatine from bones, can aflord to sel! induld
chloride of lime at 2 francs per tou kilogramane, nnt
 of lime cannot be hal, t may bo made by treating ohalk with hydrocblorin adid, To test the incombusti-
bulty of wood prepared in this way, take a few brscks bilty of wood prepared in this way, take a, few brseks
end jeclose a square wilh thern, fial up the space with a kilogramme of straw. plare threo wooden latis
 whoss. Having well secured thom, sed fire to the strats, when the upper or uncoated lalus will catch fire inmmedintely and be consumed in five or sas minutes, white the lower ones, protected by ther coeting, will only
plimmer sud be carbantzed where tho dlames touch glimmer sud be carbantzed where file thames touch Fir-wood should be selected for the experment.

## cravien Operations.

## (For the ensuing week)

## PLANT EOLSES

Trep past senson having been fovourable to Heaths, the stock in the Heath-house should in consecquence be healthy and vigorous, A cold tempersture approach-
ing closely to frost wilt not injure thes class of plants so mucl no a few degrees too much artificial theat. On the other hand, is close, darup atmosp bere must aiwnys be guarded against, as this tend to cause a weakened and drawn krowth. With nn nbundance of ay upon at this seasion a mean of about $5^{\circ}$, a good sound zrowth may be insured without 10 any way injuring the constitution of any partrcular variety. should now be looking neat and gay, arid to insure a contmuanca of bloom it will be necessary to comstantly look forward in regned to introdicomg a necessary quantsty of plants into forcing pts, \&e, to keep up the or flowers, should be removed dalls, as nothing in this way should be perraitted to remain to destroy the freshness of the plants. Afford, on all favoursble occasiong, s plentirul supply of air, taking care not to keep out fromst, or occasionally, to prevent the ill efleots decay of forced fowers weakly tendency to basten the dis ness, and the latter to cuuse decay, which pasy or tusy not be outirardly perceptible, before ats natural for maldew, as to and search all hard-wooded plants considorable injury before it is detected Take adrantage of "bad weother" to wash ail potes, pans, or tubs, requirug such atteation, and by this means and in
forvarding all guch small jobs, so as to have tho same weil under hand when the busy months, which are now fast approaching, arrive.

## Foncivg mouses

THes which are now in flower shoul 1 have a tomperature of about $70^{\circ}$ by day, with a lecroase of $10^{\circ}$ by tight, and with a dry atmosphere. It is mell at that by'shghtly jerkink the whole bunch with the kand, the better to distribute the pollen In certain instancess,
one variets of Grape, or plants of separate ident.ty, cuay have a larger supply of pollen than others, in all such instances it will be practicable to cross-ferthise thereof disbuddug must he carried on enradualily, remoring all laterals in like manner as soon as a healthy leaf or two has been fecured upon all where required Other Vines whech are now swell ng their buds should have
an increase of $3^{\circ}$ or 4 ' more heat, and with rather more an increase or of fire more heat, and with rither more exhibits itself. Tan-pits is Pisertes should now have careful attention. Should the heat be on the decl.ne, let the pots be talien out, and the tan be wel stirred trp
from the bottom, as previnusly advispd This opemation will bo the hoore hecesary to jecure a giod umforin
heat by the end of tho month, at whell time sotro of frat, at which juncture greal attention in this and other mations must be wren if fino fruit are to bo
 xized pot, and bo potted ont ato 16 's, so soon its
 con iffelous sobi, for an early trop, treatag thotal 14
 ture, such as a Peach or Cherry house, to make it pritoary start prelturary to boing removed into horcug Chmprters; these ilavergreat dasike to excess of tit to $46^{\prime \prime}$ will be amplo unti! the buds have pushed.

Hakby FRtit gamosk.
Hatdy outdoor Fines shoutid now bo pruaed wathout further delay, It 15 not advasible to prune thions so
closely as is often practised I would always advise that one or more goon frri buds be retanced upon each properly ripened shoot of the last year's growth Those should, however, bo chosen whicla aro properly placed for tacking neatly to the wall. Remove noy very old wood, and replace at at once w, th younger, or wait
untal shovts of the current season's formation become bufliciently long to fill up the vacancs I would advise every one who has any spare space on walls having a
southern astyect to plant a Yine at once they amply southern asyect to plant a Yine at once, they amply
repay the necessary oullay in a season or tho. F. nieh mraning espalier Peart, and reniove all young wood, excepting where qeeded to refill a racancy, or to extend
the area of tho treo's lusefulness, $\mathbb{E} c$, an 3 take all care of the sualier compact frut-buds at theor base. In most instances it is aursiable to leave a ferm buds at tho of 「orinatie fruat-spurs

## IARUY l LOWER GARDEN

Th. $s$ has hutherto been $s 0$ far as damp is concerned a rather tryms period for rare sorts of Aursculas powiton that the frest and may heep the and inosphero as Why is poss, buo. Much goou as done to all such plants, where at is tloceesary to keep them in a cold pht or from the dampness it has communicated to the object side or the other by plasing it a fer inches futther to one
sconzes, whether of the or tree section Paonies, whether of the herbaceous wise, as may be contemplated, they defight ia a cood strff yellow losm, with plenty of wel-decomposed lear-mould intermixed. I rood deep soil should
 may be planted at this season duriog mild weather. The sward upon lawns should now be well rolled, for the doubie purpoge of removing worm-casta, and to keen up a neat and tidy apppaarnace. Roll
gravel walks as frequently as 15 convenient after minns \&e, the better this operation is performod at this thme of the year, the firmer and superior will the walks be m decuduous or Prore months. Plant where necossary ment in contermplation for the removal or trinsplanting of evergreen shrubs of whatever sorts. This will be Rand a sood time to purchase any further quantity of planting at an early date, to whinch I hope again to refor atrubs I liave noticer bave chocco evergreen and otber The buds upon siach as Kainilas, Syrnagns. Persian Lilacs, and tho hike, haviox pushed already, it will be pdanter to check them somerthat by a process of transreplant immediately in the same up by the root and and the object .n Fiow will he attained. In eome instapces it will be advisable, should sharp frosts visit us, to afford all ehoctcer varieties which frosta visit forced to push thus wrematurely the protection of a mat. Koses of all sorts are also making growth at the apex of the shoots of the past seascan's formation; it in regard to themefore, to defer all prunuag operations in rezard to them for ${ }^{3}$ tirne. To prune ahem closely
under such a state of thang whil be to induce those under such as state of thugs whl be to induce those
very buds to shoot which we aro desirous of asion very buds to shoot which we ara desirous of anviog
and from which we antuctpate a future diaplay of fowers. I raiternte past advice trunsplant Roses at the earliest possible moment

## sitchen garden.

It is an ol. practice to plant about this date a few early Ashlear Potalos, and one well worthy of following now. With weather at ail favourable, these carly sets often gatu auch a march on later planted ones, zs to precede toem by eome two or three weeks in the production of early tubers. They should be planted deep, so that no 10jury may befall them by frost 3aven inches will generally be found a tolerably secure depth. I adv Lse all mith only lumted means who desire and of a rew as early as can be produced without the properly drawn out, and to cover tham arill row parts of moderately rotten dung, and one of when two soll. Mir it well together in the operation, and do not tramplo it down more than is necessary Thus, not only will they enjoy greater mmuolty from frost, but the cold the cold soil alone is aflorded. W. E.

TOWN GARDEXEVG.
A cclean meat path is an important requisite in garden at ail seasons, both for tha appearanee and uso,

peration. There are many ditureal
 fine, it zequires a litutlo binding loangion ion
 The depth of the colour, whech is a mint io The depth of the gravel should be a groatit 6 In making new walks great sttentio regard to tho level of the hroatua is
are anteaded to be mande, they will slope gradually towards that whe the wet may be drained of easily for $\mathrm{C}^{\mathrm{H}} \mathrm{m}^{\mathrm{t}}$ slderable time after heary rain, and lowna
of soot and dirt which will werder the unfit for use. When the Fround is them to no declivities to carry offthe wet it level tok raise the walks about 2 inches in the cenite
they are about 5 feot wide, and to he to by the sides at convenient digtances to into cesspools, from which it will soat an
日hort time. The month of Mar finally completion walka butarch is the best in the garden, it is advisable, in order to much Fork as possible, to complete them no finsishong touch in March, so that twey mar he edged and timeag wook. This operation should be no of an enjoyable garden at this dull period,

BTATE OF THE WEATEFA $A T$ CRINWICK, HLAE


Notices to Correspondentm

## Boons: CD, We can maly adrise you to spaly to pen






## 

 Pintu-apples $P$ P $A$. It da not tanunl nor desiribible the

perbapt of too dry m repione nor aro thrse orownin to



 etlarnetter.



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## 

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## F








Flit wis St RIMSF, new, large, late WHITE Hincculi Tho bet late caunhower
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- Norton


HeDRHS MJLKY-WHITE IUTATO, 4. pot pot; If. par bohol.

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Thus u the bent of ail Potatoes.
Crest E hos, beg to mention the Truce against inferior mud spuntloss varieties.
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Wheeler'b Little Book for, 1869. Price ed., post froe.

- Little Look is how a bousothold word is many
as fegtiar $y$ looked for ts the Almanac.
tut $\&$ Soy, head Growth, Gloneestor, and The beget Yarletios of Seed Potato.
lea Aid LO strongly recommend the









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See Article on the best Nurtures of Grass Seeds as adapted to partactuar localities, conmenumg page $7 \overline{0}$ in Carter's "Gardorior's and Farmer's Vide cecum for $3869^{\prime \prime}$ Post Free, 18. : Gratis to Purchasers.

Testimonial from H Blissitr, Esq, Seton Court.
"Please rend the 37 acres of Grass Seed as last year I am glad to say that what you then sent has dow well,"

## 'HE NEW FORAGE PLANT, bromus schrederi.

See Gardeners' Chromtele, mage 1345, Dec. 26, 1863, from when the following is extracted -"The crop to Bromus) was perfectly satafiactory as Ipgards both the quantity and civility of its produce. Rices is proforred if to Italian Ryograss, and the Farmer selling it was very much mellined to agree with them,"
E. Dawes, Esq., Firbrzght, Guldforl, writes -

I beg to offer my thanks to Megara Carter \& Co. for ealing attention to the valuable plant, Bromus Schrooderi. "I purchased some bed to teat its value, and it occurred to me that a report of my experience might prove of interest.

The seed was sown in July on ground na dry at dust, but it vegetated freely, the first shower causing it to grow with amazing rapidity. The first cutting wound my entice preferred i it to any food I could offer them. I nous have (Not. 20) a luxuriant second growth, in spite of the cold weather.
"I may mention that I was first induced to cut the Grass on account of nay Pony refasmg its ordinary food, and was gratified to find the Bromus greed ll consumed "

Sow 35 lb , per acre in drills.
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"The Grass which we have laid down with your Seed has come up tod il, and is magnyitems?" [Translation.]

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 be rent In by March is, may to obbatuod - $\frac{1}{2 p p l i c a t i o n ~ t o ~}$
I. M. JEXELNE, Yecrotary.

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## The $\mathfrak{F g r i c u l t u r a l ~ ⿷ a z e t t e . ~}$

SATCTHAY, JANTARY 16, 1869.

The agricultural statistics of tho country for the past year have just been issiled in detail. Any one destring to know whether, and how many acres, more What or Barley, J'otatos, \&c., were grown in 1868 than in $186^{-}$, in Engin, Scotland, Ireland, \&o., can read the figures in the Blue-Book. There also he can see what stock, both in total numbers and par 100 acres, there was each year in every county in the kingdom. And there is an immense mass of useful information in its pages-for which we have to thank the statiats of the board of Trade -connected with population, stock, and crop of every county, and of every division of the country, and of every other civilised country in the world, which cannot but be interesting to the agriculturist. The substance of the introductory report, signed by Mr. A. W. Fomilangue, 13 given in another page. Besides the extract there given, preliminary statement must be alverterl to here, in which the hetory and progress of the inquiry ia described. Tho figures given are not yet in try case an exact statatnont of fact. Wherever such a statement has been refused, as it stall is in some few 10 stances, the best available means are employed to return s careful estimate. But this, though vitiating the totals as strictly accurate records, does not munich spoil the trustworthiness of the inferences which may be drawn from a comparison of one year with another. The character and quantity of error on this account can hardly be supposed to differ very much from year to year; and while, therefore, we can hardly affirm that the total acreage of total numbers here alleged of every crop or kind of stock is absolutely true, we may nevertheless entirely behove the statement that so many more acres of any crop, so many more or fewer of a particular kind of stock, hare been cultivated in 1868 than in 1867 . It is as indicating the tendency and growth of agriculture in particular directions that these Tables are essentiully valueable, and we shall, therefore, during the next few weeks transfer them to our pages entire.
It 19 much to be hoped that the gradually dying jealousy on the part of the farmers of some districts, when leads them to refuse all informscion to Gorerument officials, and thus to some extent to spoil or mako imperfect the informaton readily given by others, will soon altogether cespo. Wo betters it will. It will soon appear that the information asked for can have no personar or immediate interest whatever. Every item is lost in the mass to which it io contri-
bitell. Aru no ono need sumposo that any ope 18 goang to las a but tho wiser romaderig has
 enough to answer mucu fuestions regarilits them ax inty reault in achie trustmonthy wiform it on to the cousaty at larire, as in what the home supp low of firmi aro likey to ben
 branght out ! tho inquiries of 1867 gad 186 r onf the in in, 260 statate acores of Great Britann
 Jina: itat 1 ,
 tho total ereas of Ireland -20,322.bil nerea, 10, iño,





 review. The proportional jor cerslaze liumbers, under
 bare fallow, 2.1 and 2.9. (liover, \&e, 12., and 12. permanent pasture, 48.6 and in in, or nezrly ouc-tint of this tath al reas" retarmel














 crops twas genmely lower in eand lisalom of the kinglom in lotio than in lisu. the atresige un ler Fhax in Greas Britain is distiogutehed for the tirat tume in the present retarm. Ia 1888 thore ware under that crop $15,88 s$ acrea in Enkient, 109 in Wales, and hing la before ntatest, 200 . 14 if
The retirmi relating in liva atock shom a marked ineralise III the rumber of atle and wheep in 1 isw over fuar feake 13 , catthe amounted to astimm. In Greal

 by an increage in the exports of mattle to treeat Britan The number of heep in tho knawion was larger by Brisain, tha pumber in Iroland showing ecinceig an brisain, stork dieniraged by the hugh prices of ford there

 lest by insisult, in Irelan. tao decrense atrounted The pro
The proporitonal number of live atock to overy


 fort ohs were $15 \%$, and LLI ; but the apparently
 pantiragm beini miontiand, not included in the returns.
These, and a ritimber of other facta, will be gathered imm Mr fosumaratés reprit on Bunther [agn. arui from the Tables themselvets, which wo nhall lay beform our reudera duang the next fow weeks

Mr. Diktry, in his work on "Animals and Planty uruing Jomestication." repreates to havo beris aht trimether wery opinarin, and woil nigh evary fact. barit $g$ upm hia dhtlimalt nubject, in ondet in throw treht 11 porn the orignti and divotnty of variont axi-itig brmels. Ifiraen, rattle, shemp, nind pigs, turn ench 14 thm tronted wih connumenate skill, anul carmple of shent raiation, or the proparition of twill marien pmeri-
 thm world, melectard from the writixigat und obeervatinns of naturalists, miltary men, and truvellets.
The modeaty and furrtang with whinh this mase of fucte is need to ulluatrato Mr lharitw's nrguinents, or eminurta his wiews, aro not ampong the lenut charming fentutem of hive admirabla work. Atmong dampatinatell animala and plants Wa find orgamama ciat trated firs a purpion: and as cech has to serve a mpectal use, those spect mons arg movt frized whach oxhibnt in tho
haghest depreo the qualitien for whinch tho wpucico



 wimal art atadiod ind ditasit is intries wis lei the over varying conditions of climate, and the


 tmemiolince wisch may be cosesdered to front barntiards to the pnam val type.

 of his cutusatal plaritw, shn idu ho hath ant
 mantasty work upa, then sibjact which has yet applearal Wo propuan in phace beforo atm ont the prement recasion sonan remariks upon the horop The firat menral fuct of unterest regardmog thas unportand anmial in that an prosticels aturginal or trily wall larga in now kown to mxist, thuse foumal in the Fiagt having most probably pecapeif frem thraltom at a rement prram? Naturalinto aro nimost agrood that all
 nir: the witld are il sebution from on apertace

 Mr I'siwis, hamofer, leang to the now that the frmitua stoch wera duti-colouren, and more of
 , $\quad$.... That realt 24 armend at aftor much
 all prates of tho world, 14 wheh harses have exhibited a tondency to revert to the supposel orimaal type.

A single spunal stripo is frequently met with in Fixphat racehorses, although than frature often disappere as the colt approschea anturaty Instances are loot wanting an whech tha spinest stripe as accompanied mith tranavorm shoul lor markingax, and an slluatratuon is given ahowhtig a duti liovonthite pony, marked with frar parallei in milder atripas, nud asmalar markin. an the inderudis. of has forn-legs. "The thon Mterent rise (ta) which I hive mat with," saje
 brown Flomagh mano by a hight groy T'urcoman horsn', was put to Herculos, "thuroughbred dark bay, whose (wise (Kingaton) and dam were both baye. The oolt ultimately turnel out brown but whan only a fortnight ofd it was e firty bay ahalmi with mran- gray, and in parts with rollon: wh tint it had antr a trame of tho up nal
 lega, but almoat tho wholo bodv wat snarkel? with very narrow dark atripes, hil moat parts so obsenre an to be viable only in cortain lizhta lthe the stripea wh.ch may be men of hith kittens.

The striped wero plainest o the forehead, listwent the ara, whore the formad a sett of pointel arches, one under the othry, fecreasing in sizo down wrida towata the mux le f.xactiy a matit markn mar lo gros, or


In Normay the nuthios huran is litn-colonemp and the presemen of spimal and $\log$ stropata looked upon as molomatinit purn lisonl. The abervation 1 i borne cat by obsarrations madis il other parta of the Forfil, and in Hinth Amprict
hures more or legs atmpont ara of fre


 arm ne all i unirz, but tho sesefal kiri la of dict



 clueion already stated with regard to the primi tre haran, from which mir masay domestiontial Wirnted have s] ming
W.th megard to the many breds of hol wes, wo mav coriclule that tha purposes to whith thay have beon put heva exercmed a mont mportwit strongth A judicious compraingling





 of nutritious food, and not + wira ase

 Whate unler hikh tomperatures maty

 underyying herbage. Thin is a Whach tasentua tas that tho abmamas fittol for hasth lotatudeg. Tha wis at

 to a cloge by mertitung e" pechilar isemat Hort-1 ka beat moveral the ios observel, isp clestribes at casn on witats thut apove w
 lenssi an hroed his alloo leom desconod

 With hate lise that on that hom of thise moculatity is trangmitted Lreests fix chal mas surh ay thess ay
 and nuvel breed of horatas might bo whe
 thero hat be 0 agreat risiri on the mind rexard to wheat thers a sign hat numat


 liak prevasted for mome week. Buefmil. Mapt I. at hise selfims or aver befora es.ind th
 qua.ties. From the crast
 well-fed beint scarce, and the hat hare rhenb, thergume the prevent alfinitencu mat impro forcibly short $t$ ie $\mathrm{I}^{t}$, mate me Asrinultur. I cer 1 trule meat tite ordariry pr

 1talian 123 e srase lasa
 Kanner are mukint extregir !

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All whatave any whemotstil rxperingen in farmang





 repusempitu of datherent blenta. Ihllt such inn. veral thers ma, altholngh yet very mommonly aoted upon, are
 f goocrally imesined. Thus, for example, where coils and climate are equal, the work of ealtivathon is so isfemuntly parforment in literent fanem, os wlan tho monagement ent mppiestion of tha mianure an in






 ngri ulture; "Ft erp aje Thet fow ntedigest farmara
 of whon ausort frat it in aracialis gilapted for every son or arop diferent from their ewh. And it would the en much opposed to sodenoe atit to proftabla practime oonciude athervise relative to gewast in apJ fum
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Viemian the rariety of cont and a firte in mur


 wok hijwin so wace firimini ge only it its infan"y in - Fers piaco where unn atpaun lat ber su exafi I y applent on land. tha practice niy be prufitably extel, end. Tritant Eidintharsh the pract, an has been
 may aloo bo extended to all gimilar sorm in jrantio bourhond Fith equal suchem, oo far ais tha product in profitable examplem Bebis this all that in requitred to induce fartiers in the riensity of bilnborgh and

 amerkat oter and oxer meall that any extatit of mewage
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#### Abstract

   By m     hit is sifmi quest on        rertathen mant, ra be perite frim the arwize 11 at wit the     whateter has bimen tone tionients the satition of the    tan fle millatindie the farmer of the mamben   


 may be quoted as the moxt suateral riatmje of The chenf rhampingt in montats of the Jarking firm







 Thesed gares are the product of tho decompentito of the




 necersfal than it is, aven at Barking 1tself.

The secord objection to this class of examoblea is the


 the sevare of town woural yleld a merepas mave then auflotemb to oover the experse of eanding is to the misntry Hrt the wewnte is कn wasked befone it gett to


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een, 1解 It Isto ? ?
 blrage farmigg and the hitit lum of the prento of neressary to cotar tas bitg lif mot thr produce tromple canot expease. sewage farmep, for owner, caunat produea tulaer and cheaper thlik tfan lown dasyymen, thor atry other product of the land at lower figure to consutmers than do farment who da not
 able to uroitere the usgtom. Wrie the newage frimera ble troiure ant sell the anik tit half the prica on
 in far ratriers on of sewage into milk, for under exeh oomdition towa darymen would then oither havinio Sut entmers or get their milk from stwage farma Sul unthl they eati thum maderseil kow darsinfll


 beay ons satinat the present mambe of afolymat the somake, cmppuns, and using the proulace of the land, A forarth oit, nution is ralsels tos the present folan of mosing sidutm witrewith the sewne Irmeticinly con-
 F nerany mjenk ne, wo that the land in rathy westher


 mpare in miny whather bat they must be consodered the thmertum suad gut the rite, and even to the cates ot such erceptrons when wo we almuns dischatyo brown etout from lands nowly gunared wihh fermyerd
dank, the obvinus concluston 18 aganat alownar stormwater to be mixod with seware. In the socond place atorm-rater, tt prevents its being sto
 nad covered w, th show 'I 20 object but lake the athers prevedury it , sonly upplablot the manmanazement of seshuc by tasua, for wer away wath the object.ons to the thatd plate, and

 pursued by franers, who
Such is the position of the sewage question at the commencement of the nov year (Axty) Tho lid sis
 ferences of sol and rlimate may med.cate, 1 that mare Jut before the pracheo can bo aijopted generally, the objections rabseu aquast it mast be obtated, and this the land ${ }^{\text {th }}$, s now a publac mandatc. endoried by Parlament in a special statute, and ats sota lacsis meets w:th the pructupal question is ralsed are towns bending their setrago to the land? tho abore four objections raturn a negative answer' Thus tomna are wating the fertulisung elements of the sewnge whith the and requires, end yet durimg the whole of the year $19 \mathrm{sim}_{3}$,
 been that farmors will not recelve ther sewage on any terms

Experierce is a wise master-teacher, and no doubt towns will oventually get the practical tuition they now eo much stand ta need of at thts school. Sewage and something over. And thus, to send it to the land Without wante of ferthinins matter "H the grind couveyance to the country in close pupes has long ago beet prozed in Funders, China, and otber places where manurg is hope to seo it tested by experiment how far sewage can ba conveyed in pipes flowng full bore, without undergong deteriorstion of its manumal value. And when will not havo itself to blamo if it doc not guom which seware $u$ ar and seware per se, on remunerating terins. There may be masy diticulties in the way of obvaining the wasting of these only exemplify the mapuitude and umportance of the goneral question involved at tho practive of sowago emnozay, for the objections, ono ater tho other, wil disappear wereat work, by sending thers seware ing itg normal state to the land feoc from whar seware tor, this done, the several propostane involved in the second and thite objectrons would be carned out by farruors. There ouly remains the fourth objection, spu the chief ditioulty in the way, of separging the storm-water irom the sewage is the disposal of horse drappingsin the streets, and the romery There gob mor io dry wher saggomin storme water in tow os, so is to reader it fit for being turned into rivers. In leed, almost every town mond Inave gomething spectail in the solution of thas question. Into the details of a practice 60 widely divers, hed we cannotgo. But the concluston is manifest, that were storm-water would soon be got rid of satisfactorily, one way or another. W. B

## Paring and burnivg.

I Tive lited all the days of my life in the nemghourhnod of extenstve "panng and burmag" Moreover, been all may days a practucal farmer Mr. Meobi's system is, was, and always will be right-to

## Make homs Drive cora

Horn is of course, a generic term for cattle. It means feed high; and unstead or sonding out all corn from the farm, to seud out fatted cattle and corn That 15 Mr call a foreign aubstance, and I only mention it as it gives ine an upportunity of exprosaing my great
admorntion of Mr. Meeh. I will mow say a word on tho ahova beading

Parrng and Barnugg of Light Then Land - I have by tus process gou can without futhor expense fobout $30 z$ per nere, it used to bel, by the st inalation of the or Oats st once yet 13 it objectionable a common life aryue argangst the use of a thing froin its this thin down land give the landi a srensing which means a crop of Wheat followed by a crop of Gats Thbs of course is the nbuse of paring and burning than mascbief as I havo seon might not ocour if the laod Wns hiphly farmed from the first. These lands are too them unsealable for ever Moreover, these fanda are generaliy at a great distance from the howestead; the conseguence of which 19, they get litte of or none of the pastures are pared, the sods spould be turned down
warla, and a layer of fresh stahle manare put on, and then annther hyer of codz, hivera tlotrod me to break
 stible manure at ant in it, and I have carried out ot a male about a year awo. It urst only tarned onse
 [Dosseyer, Iam now talking of raring and bursiog tun hatht land It as a th ng that shoull not bodnas. an landard, 1 wo ate misat upon the top chai, whels 18
 at chly, but lur ind bonen are the mo-t Insting For maures) is best. Mr. Burgess, of Laurceston Farm ( $m y$ ollest apricultural frtend), in the parssh of Tarrant Mrreton, temant of Mr Farquharson, passed by somo yrars ago, a prese of broken up lant I said -"Here to a pretty messes" "hh " sand he, "that land, it daid down
to Grass, wi | not be as good in tin yeara as it was when The land was too light before, now the ashes have nuade it lighter, to say nothung of the exhaustion oceasioned by the stimulation of the ashes." ILo is a renter of 1 til acres-one of the finest farms in lorset His corn-fields aro about go aores each, guire, hith mino hiora helkes round Tha base 0 lhe end of the farm are capaciotus domns. The arable laud Is about sun acres. The testimany of such an expeperson aking the grease out, but by putting $1 t \mathrm{~m}$, as Mr. Mechi would do.

Paring and Burning the Sivard of Staple Land. You may sum up the in one word -at is folly Smaply Turn the riak once, and in a year or less it will bo dissolved, and fit to cart out. Bot why break up rood staplo land at alil-I mean gruseland that paya? When irpress on, I lastaned, and came to the conclusion (be Wen't ho offended that to break up such land as he spoke of wound be the act of a hecond time I came to the conclusion it was only playful anceasm
There is a class of deep, heary, poor, fory clay that would be bencfited of it was stife-burat an inch deep every time at came to Wheat. That is the sort of land to pare and burn, whetter grassed or under tillage.
Bura it as often as you like, the asthes will stimulate Bura it as and keop the land opien. If the land is wet 16 must be dranned 3 feet 6 nuches deep.
As regards Couch-grass, there ought to be none but if there is any, mix th with stable manure in the field, and turn it; it will soon dissolve. If there is little Couch-griss the ashes will be mil; if there is much Cotuch the shame will be in the ratio of the
ashes. W. Fadclyffe

## EsdATL MANAGEMENT IN IRELAND

I do not think your correspondent "Fingal" 18 happy in his illustrations of modes of managing property in reand, given in your Paper of the 2d inst, side 88 the other 10 gtances are defictent on the other.
Mr Pollock spent money on his estato with it mosi
avish liand, and without any regard to economy Ite bought out the occupiers, land, stock, orop an that they had, oven the prg-at prtces far above their value, out lour times above it-a course which, aty where pould 1 reland, with its uppractical sentimentuaties silers we thought uncommonly satistactory to the in 2 way have done, no one but himself, of course kom accounts: still, the best opinion 13 , that after ail he makes a (xir interest for hig money.
I happen to have tried both tho other two ssstems recommended, viz, -1 Making allowances to tenant dor Euch permanent improvements as they effect, and olans of farmint The vien of making allowances that the tenants very veldom do the improvements thoroughly A cat watchney a mose 18 nothung at all to the ymalance needed to get nu Irish tonant to do
Fork we,l for whluh his landlord ailowance. It soon comes too the to make him an estato will do nny thing at all that he sis fot allowed for made for a job to ho allawed for paying substantialls as much in alionaticend wa badly done, as I could havo it done well for myself The employment of agricultur, sta answered very vell before had to be tauglithow to do so, but I cound whi
 be done by him. I tink tho resen mio could influence of the landlord or areat cout make the tonant frow some Turnop, but it is cory hard the the such iniluenee to hear on tho better ory hard to brub tion of the land, better or worse ing of the crop, of the agricultunst, with most tenants an excuse did for good managerment in these respects.
I believe therg is no subatitut in Irels.
than in Eugland, for the oratlay of the londlo any more on proper landlord's umprovements. There is plenty of room and neod for both landlord's and tenant's capital on nearly every farm in Ircland. Ferm farms are ali dry, anct ofe tenambs capital spent in maburing the doing landonl's, mprovemente If ach bettor than in ments pay him 5 per cent. permaneatly, be is weil
pald, but a tonant's capital la lout at that bim alwabs, on and in suct cond t.on. repand often th oue in a it tha a large profit for
 mat ady as mulen to the retugh, the fios

Improvement Acts, repayable pronerna thero 1 s no excuse one earth. for prey ceat permaneat smy roverrents thenisespes manther, employing the labrarers on are deavint the tenant scapital to its pr lan 1 that mievoisly
by "Fing that" err that I say that the by "Fingal" err as much in defect a3 3 yi excens. I do not wish, howefey, 10 iruth $1 s$, any orderly system carried
 rente even a h.gh rent, the citale Ireland. An easj-go.ars, mindulgant ment, wall a 10 years ru.n ans catate ever so moderate. Once an Irssh tenan he lis a iost man; ano onto gots in bretar arrears 8walow up all the pats, aud rather leas in debt, and with greater li miore, and with no more sp,rit to farm bet out arrears, though he may lave hard wot to pay liss was, yet wnen Rooil
lus own, and betler farmmer is I belleqe there is no point colatin. wh.ch so witen ignorance yrevals, 3 estantes on whach the landlord's capistal spent in permanent tmprovements. Wh, acoidental or atsiag from mere that tenas the other way is little peand
Landlord

## AGRICLLLTURAL STATISTLCS

## TThe tollowing Statistical

the enloutar results of th
THE first two tables show abstracts of tural returns for each divigion of the L
the figures for Irgland betue taken fr 1syued by the Registrar-General in Du tumber of acres returned as under
bare faliow, and Gras 2 t the ${ }^{\top}$ gited bare fallow, and Grass in the I'rited King was $45,652,000$, which is 245,0000 in ercaso 101867, and $1,30-000$ in excess of the total
The largo inerease in 1869 as compared mill howeve chlefly owng to the meteasd permanent pasture returned in Greal linuer forms used for collectung the returns number of 40, (iaz 2,000 acres returaed Kingdom in 18icis, $11,6: 9,040$
$480{ }^{2}, 00 \mathrm{w}$ under green tro
Graw, ,oman -ander Clover and Grasses, and $23,161,000$, or nearty one-bal areage refuriad, were under perman the different divisions of the
Tables slow that the proporthon
20 the Lotal acrengo raturne
23 in Scotland, and 615 Ir Ireland
in lscos as under bare fallow or
amounta to $958,0 \mathrm{OH}$ ne
tion of bare fallow to the total
every 100 acrer tur is to every
corn, green, and rotation Grass
100 reces of corra and green crojk
cap holeving that in parts orng
orroneously returned umaer tu
allow or uncropped arohles land!"
The afgregato bereace uth
1847, shows the followitis resuts
uterense of 237,000 acres, satd greed under lotistos 19 lareer
lsritann, and
Whear is latyer an 12 lresad
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compared wit
to the extent of 112,000 acres
of 40 h) deres untuer 3 brieg in thare
under that crop in the United $\bar{E}$ ngdoria
to 92,0010 acre
an increase in t
ores, occurrine in tho chlef pa
of 18,000, and Wales and Sco
acres. The aereare tader
of the Lited kiegdon
decrease 10 the hurudom
Turnaps, gint acres under II
Cabbages, Kroll-rabi, nnd In
acres under Vetches, Jucern, (r $\quad$ T
 ad The sereage under Flax in Ireland in 1808


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 athe a ise somes me.) live total of the cercaze





 Cup. Jubr land ans owpers of livo atuck apos tit

 motrer,

Corn-Growing Cowntes, - Fork (East Iudmg), Ltn-
Notingtam, Jutland. Huntinsdon, Warmick, Northamptrut, Cambridge, Yurfolk, Sulfolk, Bedford,


| $\left.\begin{array}{c}\text { Totai sercoge returner } \\ \text { no under eropa, bare } \\ \text { fellow, and ©rent }\end{array}\right\}$ | 13,109,000 |  |
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An increased interest masy be taken in returns
 Great Britain bo coosidered. In round aumbere, ubout
 pulation of Great Britailu. The additamal If in at supply required for that mumber, at an averate of : $x$





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 wewhur, Fratere amb tome sddutional parliculare hare been gutuphed far Darwn an I Hullan! The return receraly collect in in hrillm are mot get coomleta









 difeitent an untrios A H. Fondfanyme. Statiafical Depurtmeat, Buard of Troxde, Whershatr, Dece ltwh I lic forlowisif the tirst of the Tables appeaded Mr Foublanque'a repport



## Thome sociespontenct.

Daep and Shallow Drainege. - I observe that after ry summer, the fiolds dramod 5 feet deep at 30 and 40 1 Hecuarge water throagh 7 on as those of 30 inctues T..." reason eppears to me to F ' .... il rin. jrans take the surplus mater
 al it th. autumual ratas come, the coon tons take - ger to supersaturate than the $\$ 000$ tons. The doep ined hanfs hed only rommenced ruoning to-dey (an. S) aiter the recent heavy rams. Are not those an tho same quautily undramed ruder the planta incla drains-for the roots of planta discend saveral reet P Ore jach deep of earth grres over 1 wo tons er sore. J. J. Ifechi, Jan. 8, 1860.
The Catile Plegne.-Iu a report on the trade and commer of Poland just roceived et the Forsiga olliee, the following ante on the oattie disense ju that kinguom ocelure After atating that no aceurate
 Faut by no meana prevalent, and certainly less no than the protin-ytar The followine remedy bat ben C Aut : bublishod at Nietl, hut the best authoritios on








 bat plenty of oulcaike or vemetaule ferdlur, sucta as Boet-tion,-:tag latter, larwover, must be s. jutesed ont, whon twe done is ant ataroble, th mix foder with four,
 12u, Ǩu
Horse-gowet vetsus Traetion-engıne. - My thanks - Mr Aith r enteard i, workitone by his






 fataty 11 ros semman practrabie lebruars CoalFortang, slaft ur drelf and tark.e, it can do mater carlige now $l$ sing the roundalusit tar kle, enxine betog atat onary, cannut we chapenso with water-cart by
 at) near tha wuler-e mree, atank b the that large enough 1. ald ply theine with water: Oi ee die there is the int he fraghtenc 1 , bout. The farmer's nak must done per sore. Better wo thun let at stand in our may. June Hajmakiag. Why two enkizes? Remember
 Alujut This rocuth and in June, Mr. Sunth sa afraid Cannot sparks be prevented? Is it netemasy he abould
 to salt our mem work, ruight obviate much of this. Septomber. A wery heavy montli, but let us worl

 bat on may rtas diar, bift ryarytring is at hand. Let


Plenty of Mosay, brt we won't use it.-An infaninformed me that moner was superabundant but they could not find parties chauzt. nillumz to employ they cocld eltal To-lay I lante en applicetion from a gentloman misuing to urest capita is Euch oompanies I was obluged to reply shat the necuaity for egrioultural improvement whe nut yez sullicrently impressed on the rumal mind, and there fura 1 , e channel wes not open to bis investment. In an bure aad more fuclined to think that nothing pay olcer tisan agricalural mpronen tor ano
 after providug or the belleve that my fortheomstas bamace-sinet or 1808 wit
 free Many town milers Jan, Igot, resilt as this. .J mecik, Jan. iobe
Tithe Commotation - Septennial Avamges. - As many of your resders may feal ninsous to know the bristmis 88 c puhlisheo in the Loxdos Gaselfe of
 Barley, to Std: Oate is. lld.-I heg to state for thie iuformation that eadh 1002, of tithe rent-charge will,




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Cak'i Cropes Ad Winter Food - I thak at nen 1 in
 arted to mret the re "l rempils for any detionemy in


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 or Mangel than up to thiw tiale nase been realised P. Mutchell, Hounham Rises Job 11

## Societies.


 in the cliaie

Mr F $\triangle$ Mevzaga reported that the following noblemen aud penth isen pirsponed fer evection at the



 Dudgenn, of emresen Robeft Ib alay, of Aruatonn







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The repors of the nectinz of the nhera, In tid at Fdinburgh on the y y of Hercasher, wat a ubutted and with reference to the retarh, whin were thien

 Fan instricted 4 , oteert it in $t$ asharal rezulatung for the E haburah shuw - "Breeding stoek muat not


## Proposfo Siticivat Jryerienivinot






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 ngected mead
 Stepliatis, the author of "Thio Bo,k of tae Farm,


 At che pariod of cbe IFolato Enilure, iubservation and rellection impresged his mind atrongly that decay in the
 thined, Norr Paterson endeavoured to procure sverywhere



 In lirature othe ling ticen
The watertary whanvtru timl th inform Mr Stephene swbjet, wheo tho Gig' 1 Melalmaj be anarued.

## Fermers' Clubs



 furuber of Agricultare, spoke on this aubject at the



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 acculeztise meet no ancurey a dozen perions who hy the word meet any wazaion mean the smmethriz
 what extented and thrpe lis -othere at a mor extended kan ieske, ambractni hatary and gentrut by
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 upon them in the sphere of life in which Gop hed pheed the individual, and yet, stale as it is it it manos the too often repmitel, fir ismblevtey-h ng the ementuat of every education, resdias, writiog, and srithmetio,







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 rulemt thin marrack womnta, who i* ir rot den to wort in the field, is to hape for her As, a weels thus lost? Or who is to support the large number of single women






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## Farm Memoranda

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But woulst all these there ja very good, and the suma realised by some of the senders

-     - Old Yule But soudst all these there is hor thang foulthy, nad what we want in quantity ande up in qual $\because$.. nind the articultursit will ohd adyes of - iv is the mother of inven= on all the schernes and be propounded, niso to yet in the
the year has been healthy. arter-ill, we have scarcely se in he councy, and those $\mathrm{m}_{\mathrm{n}}$ - on their best atock have been weil
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## M, h, rave ir es $5=2$    Ar..." I lrestit in iwa ind how $\therefore$ an fond mfers 19/ 

 one partidugar ceason, but year alter iny rouure them. It is no wondor, thon, that nniou sbout biing protected from forstgn Mn hrs lo the Houss of Comvonone (Fe chould The fimes threa), thay will put their best ath to scoure that end, and then they will in withes of all right-munded agricullurist-

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4. d papearenear alim, and hand-rearink tomosat. A few remerts on fame may f place in a poultry calumu; - sensan appronchess $1 t$ belioves $A$, with $s$ vien to September I warils the end of the Bhooting



lis it.4 115 too many hirds than $?+$ + Ms, $t+1,1$, and fighting, they th, r inw w dearsed it, for it ! rl unais at! hatd work, onres werounulaually wild at the senson, "Phere then II, 2, hy

3ty of the birda lie 11 .t depreciated by the propormaining on twe rotound, Cortain - and has heen, greater thes year than ifanal outinaty thay where the big coveys remain yet eatinaty, they deserve constant attention at ascol is 1 is at his cartificate will wh. miat forturing fowns have thoir and now the sgrioultural dis-- the Advantaress and burs the - : iswaro labour are pentatordens sometimes remedied. are ventratater,
dene, progreas ratede, and is still making bas, its ahere of attention and diang has F. He Fould be a bold diectesion, 1 1.it 1 , poulery , who would - poultry on a farm on the the rualry wo think he strugrles pno ghall have the first lamb i+ this me tho Yale of Aylestend to izt into the Lrondon mery is - mmmenn Lrondon maryeh,

- becausion thera irutu irange are no i fintacaust there are no Fonfish from 12, to lan eeoh, only Turkey

were very great Ono Cambridgeshire feeder took nured
than 1400 for this week's sele, and many take from 3001 . to toou. The goose-feeders also did well, somo of them maksng 10 and 11 gs per score of their geese. A small prize-list added to the selhedule of the cou and meetiags, framed for the especial encou -
 tion of fresh blood, crossing, and interchange of slock consequent on suol a show, in an agrycultural distryet, itauy who now take Do notice of their poultry mould tele pans to improve it \& many who now keep notre the showyard gate would be consuderubly jucrensed It is worthy a trial, and we hope that in framing the "rivalists for the meetinks of $18 \sigma^{\circ}$, the different county milltees wall give it their fayourable consideration.


## Miscellaneous.

The Neen of " Tenant-Right."-Mr. Masfon, at StafCord, relorred to a recont care in the Bankruptey Court "Where a man had spent a great amount of capital in the improvement of his farm, and, whan he Mied, bus wido nitid fansily were brought to penury," case ha mentioned oume on in Birmugham, where the Midow, Mrs. Shelton, when under oxamuation, gaid. "Wo were there 4i yearg, and we dsd everytting-
budldinga, gates, and everything on the farm; for it buildings, gates, and everything on the farm: for it and wo never got a farthing for all we bad done. My poor hueband zaid on his dying bed, 'I am sorry for yous 1 have beca working mil my lifetme for the Squre. not for you and my family", Agana "Only to do it all, except just putting the tules in. Then min poor hushand tay ill 11 wookg, ond we never had be Least trasuection of any frad, and $I$ had to sell ms beaste and pay some debta directly after his doath. T.ars. I was oblaged to soll my slook, and I paid all that oft. Then at the linther ead of the year 1 kiad apother rent to pay, and then thoy sant me out
of the farm without a farthing, for all we had done upon it. There was not anytbing in the world the land es well ma the burldins and we bought ali the manure round that over we ueve to kindly fealung and good will, it makes onee ., eart blead to tend suok a story. But allowing oven, as we ifar have no riglat, to do dhat the poor widow hasband and has have in 40 gears reaped the raturn $\rightarrow$ 8ome of their ontiey, does not thith onse ahow t
 Inithu, st i i mat in manure, and six years sivece they aru cula the sand. There were men of the highes Cimith lee of the House of Commons, who esid that

 bave the work inspented, ath 1 lar on ic resi it aocordingly, Had she been jurang in Lincounshire instead of in the madlands, such a claim would aever



## Notices to Correspondents.

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## Barr \& SUGIEN,

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BARR AID SLGDEN, 12, KING STREET, COVENT GARDEN, W.C.





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Gmone and Firat-clan seeds, Carmage Frod. 1 M. PALL, bera to sonounee that his ABW
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Vogotable, Agriculbural, and Flower Seeds.






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 Plyk PYLAELSONIUM, SEOF


BRUCCOLI, SNOWZ VEOETABLE SERDS,
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GENUINE SEEDS OF SUPERIOR STOCKS.


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## FRANCIS \& ARTHUR DICKSON \& SONS,

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beo to announce that thert
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NEW HYBRID PASSION FLOWERS.
PASSIFLORA MUNROI, and PASSIFLORA LAWSONIAMA
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## PETER LAWSON \& SON

Intemid to rend oit the mbore-named charming Climber, for the first time, early next May, and are prepared to book ordezs for

Plants at 21. ench, with the usual discount to the Irade.
EDINBURGE AKD LONDON.-Jamuary, 1869.

## TACSONIA ERIANTHA (WOOLLY-FLOWERED TACSONIA.

A noble plnnt, resembing in habit and colour of flower the well-known 'T. mollisgima, from which, hoteres difera conspequably in the white under-surface of the fokage and long bracts. As a Greenhoase or Consernt Climber, it rivals the T. mollissima, and is as free a flowerer. (Fide "Cortis's Botanical Megazine" for Janner Tab. 6750. )

PRTER LAWBON AND SON hafe been fortunate in segnuing tha Stock of this aptendid Clumber from Anderson Henry, Esq, F.L.H., and mutend to mend it ont simultameonaly wath their new Passilioras

Orders for Plants will now be booked at 21s. each. Trade allowance as usush EDINBURGH AND LONDON -Jeमuary, 1860.

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 of both VEGE1'ABLE and FLOWEL SEEDS of sterling merit; atteution in also directed to the Pjne-appio Comp top BEET (the finest sind richent finwoured varisty extant), carefolly baveli, trou from the wiginal stook, bly new DWAhF WATERLOO BEET' top leaves rich metallic crimgon; growth true, even, and regular

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NiB. Evargthing in this Catalogut in Praced.
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New Catalogues hing to intimate I)
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NOTICE-LORD BURGHLEY APPLE was

VRES.-Eyem of MRS. PINCE'B BLACK mUSCAT,


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ROBERT SIM will Feid, Cotal frue

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 D) OMXE, Lhow and Fancy Pansy.

AT Ahe abnpo to pary, zued from thar ome a few olinee



 JOFSN Chotice scarler Rhododendrons.

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The advantages of proctring Seeds dixec from the Growers cannot be over-estimated.


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CARTEB'S SEEDS FOR TEE KHTOHEN GARDEN,
In assorted Coliections, ancluding only the mont pproved vanetics, to produco a plentiful supply of the best Yegetablen throughout tito yeur.

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\text { Collection No. 1. For Cottage Gardens, } 128,6 d
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## PRIZE MEDALLISTS



Consistung of the Choicest Furteties to produce the nost effective display

Collect.on A, 10s. 6d; Post Free, 11 s.
Collection' $\mathrm{C}, 21 \mathrm{~s}$, ; Foist Free, $21 s$ 6d, containa-

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 Tuumb Nanturtium, sayogaria, Blue Nomopalia, aca, te
 April, fry mkmaser end autumn Whoming, luelualing chmeo Aplot Druminumit, FigTham, Celasis, tho now Amyrathus
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\text { Collection } \mathrm{D}_{1} 42 \mathrm{~s} \text {; Port Free, } 42 s, 6 d .
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S, 68e, ; Post Free, 64.

Testamomal jrom Mre. Rosinwos, Armafh.
(I ans well ratugied with the Flower Seeda I had frow your house.'

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## SEEDS FOR THE FARM.

## See page 87, of thin Jays Gardenors' Chrowicte.

CARTER'S PRIZE MEDAL LAWN GRASS will produce a Permanent Turf of fineat quality. 13. per lb, ; 200, per bushol.

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JaMES CARTER aND CU., 8EED GROWER, 237 and 238, High HolborD, London, W.C.

GLTTONG'\&2 $2 \times$ CiLLECTION I YEIETABLE
HTTA.3\s il 11s, Gd, COLLECTION of VEGETABLE
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July 29th to 24th, 1869.

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## The Gardenexge ehronisle.

SATCRDAY, JANVARY 23, 1869.

MEETING FOR THE ENSI LNO WEEK,

The second "interim Report" on the ADIT, TLRATION OF MELIS 1 ssted by the Sulj-Commettioe of the Royal IIorticultural Soctety, and publshed in our columns at p. 2 2 , after deolng generally Fth the question of the vitulity of seeds in its relation to their adulteration, goos on to exhubit in a more elaborated forma the alleged evil practices its aim is to expose, it shows the injurious mfluences incident thereto, and closes mith some practical suggestions in the way of doing away With these malpractices, and thus obvinting their unjost consequences.

The Sub-Committeo appear to be fully juatified in assertug that in " so far as they have heard, no exception has been takon by any one to the statements in ther former Report. They understand they aro admattel to be a fair and moderato statement of facts, so far as thoy go." Auythug appronchng hostulo critacism of the Roport, has not been duected oithor to a denial, or to a justification of the practaces alleged, and admitted to preval in the soud trade, the tendency has rather becn to ovade the man question by eulogising the high charecter of the dealers in general. The seed trade has had ample time and opportanty to rebut (if possible) tho charge made eqaitict it in the Report, but it has not done so, though at the same time its Ellence should not be arbitranly construed into an admussion of gult Certan it is, however, that those of ita rombors who have taken a part in the disetssion clearly adnut the prevalence of culpable practices. Still it must not be forgotten that there are, according to the Report, a few houses who do not adulierate their seeds, "and which are strugging (almost) angle-handed aganat the overwhelming preponderance of those who do.'

Before proceeding to eriticise the details of the second Report, it suuld seera to bo neesssary to caution the Sub-('ommittee not to hazarl statements execpt thoy aro fully cons.sed thov are in the minis correct. It ls sot too much to assert that from tho very cossithtion of the Sub-Committeo its members canuot have had Any very great porsonal knowledge of the subject








































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The disousion that has been aarried on in te - 1,1 I the statements that apppary in to-laynine $n-1$
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beyond in doubt that very il Commitice, go to th APPLE STocks. That fruit-grovers and exists st it who have heas all thnir lives gngera and atook-2tive uve pursuits, should still differ in opinion as to wht the true Irance Paranise Parpestrs however, certain that the Pommoer. Pardis of MCessrs, SCOTT and MESTON, and whiog he is share of Mr. ROBINsON'A attontion fer to Mesars. hiverss and other poinologists on of the Frenche growen themselves. If is dear all the discussion in the world wifl not settle the poit in dispute, thll the premises are latd down witb mes by. The whole question is ono of great impor ini, prautically and soientificaly : aud hence mere


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pandies, bearing tutwerll tam
 97 flowers, while the other has 41 flowers, in ill io Another plant in the same establishment has a It inoter lang, with 70 tomers on $t^{2}$. A pls
 measures upprards of 40 inchas." Tha in wers ate ox yet expsided.

In the list of the condidates $t^{\text {that }}$ obtuax

 Julis roive, Bridge Castle Garden.

## New Plants

Dembrobiuy Wilujamsoni ; Day and Poldo.fo


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## $\because 1-r$ $\because=n$ $\because=\cdots$

A very pratiy new Dendrobium, willa certainly s den of oronidateons oharma in the atrong texture Lissids of its fusiform, upright, velvely psoul
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## 1!1:E STOCKS.



- wox alias P. M. paraw solaca, or radis of the French, and the Paraglish oultwatorg, for our ititio hardy
nom manes. As jecurds the native itumk thas had ite origin in the
> of mountains, on whthe it is found at erations, and moastly in camp or we Ne + gets continual Buppiy of moisture an sonns mary Fide geographical ravge, I thiok
 andrel, every inoh of branoh and root of to reut.Es's, and I think thut it bas of Dutoh Creeper because it throws up les ! inn in th the French Bay, 11,4 crawl ur user. No doubt a pretty
tree lise the Pommier nttracted of y.z fict at in evr date, of the East, for fo has found itto way $i$ and north mito Siberts, the latter a most congenial to its natare from

 of rikid at sup: nis, 1 int the on try about


 Tnds of $A$ pple apon
Thend IFing in Paris I hase moon thousands of trees ymout apon if as


 sul mith whom it died ; they both declared the mponstriss. I then stated my opinon freely on onterech, and got somenthat haul l, bif ;



## Beech $\mathrm{and} \mathrm{O} a+\cdots, 1$ May frost, s, ,

 ing to the statements of other : $n$ : hrousamd in a comron winterIt wes $i$, sed at the bottom of thie quarter, close to s river, In Fory demp brouud, "i. it I covered every evening with the hespy dew, id:
 Pommer do Paradis stocks, our of tio same raws as th mentioned abowe; you will see whtoh has suffered, and whish not. They all grew withm 6 yards of ench other, and exactly under the same conditions, degards sol situation, moisture, dce, suld within at - C ${ }^{2}$. 5 war that, ruus past them the Pommer bestorly killed.
I also sent
 and you will see, chat although they weto truasplanted ast April, and had to encounter a deelded dry season, yet they pushed cinindorable shook, as muah 80 a m. 11 r at a were not remorr or
 Soientifto Committeo (see p. 83). EDs.] T shall conclude my defence of $n$ vert 1140 1 1r...
 sidered the said stock bardy" his answor was: "Cer

 heing damp, strotig soils are its $\not \ldots$... in ... and, like the Pear upau the G, ?
 will sunceed upon dry places, oven on the Pommier de Paradis and the Quince. It may not be out of place teons list the Frem h tararimen consider tho Dopacin
 leaves, smonth shoots, and a more: Hint nature. It is

 $n$ : $1^{r}$ r. 1 from cutungs, but require to be layered from stools, snd the Doucin also. The Pome root.' I have tried hundreds of Apples and Pears as $7^{+4 i n}$ za hat mrat say that I have not been successful exception to the rule

It therefore in not often tha fmed aral $1 \Rightarrow 4$ $t$ nris in . ground-1 never find mine do 50 , neither do Pears
 over an inch or two over the junction, in it th the Pommier, to hide the swelling that takes pleae at




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Avone the many new forms of beiler, that invented by Messra, Green, of Leeds, eeemb to me to be one of
 Yevty) 1 Tnt 2w powerful bonter for generatiog nicam, wh it easuy placel in post the ravired at townes possibie cost in fuel, lahour, doc, concaived the ides that the momn principle would lold good with boilers adaptod ta - 1 1 1
zade on the aame principle, and ono of them whe






during this short time little or no hares a o the thast tendor plants, aren during frosty weather Mr. Grben has thus, I lieve, conferred a great boon
on amateurs, add tho hose mens are limited, by pace with \& very gmall quantity of fuel ; and when

 tion is required afterwards to keep alt rij. 1.1 hish, and
The foiler at Kensington is is \{1 4 iv . in dizmefer, and has upwards of 1000 ft. of 4 i . pipenta sed to it. The amount of colse con-
sumed in 12 we frsmeo Oct. 15 is 6 chaldrons, which
 doors almoss contanual,$\ldots+n$ more than double the tworl it has to do if required Mr, Eyles reports that he cannot toll what its cara bilities really are, as all he has had to do a T1 1 boter is made of ron, which Wia bear a pressura of 40 lb , to the quare inch and the tubes which are placed arose ways inside the boiler, and in!... 1 is ife th 'ri
 mall spade lelt for winter between the two iroy plates it - jommediate effeot on the inner surface ond tuh In immediate effeot on the inner surface and turs
 $r^{\prime} R, H . S .$, Ashburnham Park Nurpery, Chelsa.

## 1リ\た, \PPLE CULTURE

## Cutrixg Dow

I Hive latterly observed nomo correspondenco in the Gtardeners" Chronicle respecting the so-called "cuttiog
 ruiting of Pine plenta The first notice of this practum Mr Mr Mrem they bave adopted the 8 , em to their own eatusfaction. So far $a s$ I can understand, your correspondents imeging this to be a new. system and one worthy to be followed, hers to deoide who thay be entitled to thet honour. It would appear, from tho explanation your corremondents give of this system, that their prantice is not get quito up to the mark as to fruiting Pines to :
 10 to 16 months' growth; but that they have old longahanked pleats standine over, requiring, if kept for another besson, to be alisen down a 1
 kne hr.ip ping aulisators that an old plant will nevar known to Pine duitivators cuat in proparty to a never produce a fruit at al equal in proparty to a robust

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or treen kless, sad lapped with lead. Add to thin + kri fill trow tarie A. ! :

 was not-lor owing to the $i$ i : wealth, and tho


 mith mat




 thannoffurs sian !



 We then called it, and the plant repotted. The monins of March und August were then the only two months in the year in which it whe considered right to medcle

## 





 mh follsway, and in my glory, with ore of our then
 Iomdon, thena village, 1r at at ark of Pines dey, Fery good plante, though from havigg krowid clop tuster boutght the whole lot, niw. I wat angt 1 , intel



























## 至Qme forresponivete

## Grating higctres.-Some moek ago one of ynu


 first raw th, poor submituto fir bast etapioyed by the inserty and wint of aper lat in Ifound, howerot Freoch mardeners, and thero hemp worated and Buthe




 by the way, is far superior to the sumen a y , which the Continental marbeners fer mpen ar kraft mat





raf of tinu wath but i wo per cent of fillures, end in wir whingrafins in harin a strong ligature, on ae
 not bo worth, \& Rustif for that purporec As to chenpaes,



 Tiay smuas the le,
 Hot-Water Apparatas Mt Ratt? mikunderatands ny meriarkd ahout batert
and hat water I neteritic. pused tutheaztun-q hans by time I hare fire livatices now fittedig up on tay plan. Which is simply at in the mannan thas a zafety airk) phon has a zafety anirmater comes in at the
botiom of the lower
 ing tiow at what If sa, il Locat Fitanen of wild Planta I amvery dad to se that Mr liriten his ubileriaken to menget the lieal nomesill thom who are in a position to gatist hall will do wor, th oriler that we my munt have as completat



 aty manlyatal divionary 14 contetuplated It should mentan a coparafe, cromplete list for eaib district of


 eqpayed by then prasnutrs rather tian by that ber and farmi lamminery are that sepal diatraty larmery and farmi lammert are the framna from whont the






 a inm namouaze 1 thine al names now extydas ed


 present Gration an 1 Fronels ram-, Iruta wheh many
 nomeat that mys ar ras, somb of whrh, so far as I now at prevint, many be pecular to Su*sex at some Srarsice time I hope to furn sh a romplete liat. Kilkdurames smapixtpum lialehelor a linttons Lachnas surnet L. yespertina, sinapper- ste lana Holostea weet Amber-IIyser ium indros? mum cuckoo surrel-Ozalis Acetrsel a Skewer Tree-f uonvmu:
 l'epper-heduml arre, tut ereen semperfarum ter. torin Water Iirmbork-cianathe crocala. Poke-

 Rama-horn-Orchas Mono and toascula if $p$

## Memitry

Antumal Rapberries -I rery much doribt whether the two kinds of faspberries which fruted in October Whate Antwermm Yark in. H1, were the Ked anc it far as merp, these beink fumimer Raspberriex, and am perzumded that no regular antumnal aro gom, ohtained from uutamer Raxpberties aten then tmoted ater the system of Mr stewart, than bind ols unvis frult from the presione year's caties only pro-
 are in the *amn seamb Thlave sn abundant shook l3.e uspalul and deacenos fruit in the autuma rop ni arent treat it is), real sutuminal lindmin iani a lanted, and these w.ll croon abuenand must bre Frong ranes from turuat will tho fing from the The canes, after havigg thus fon the fors sets in amp inf conrae a smallor oned in akain jinld Jove and he ruplaced by fremb nurkera foe folawink thot, and theb die off of the claters from the mame ohefly krown in thus country - kied forring are Quatre Saisoms Rouge, nince stzpereded hy Hellle des Fastolf, larger and of a brtghter red why surmas Pontenas, phed as the old ammmer Faxtolr, Belle de Amerima hand of the mame size, but more prolifie and

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 handsome summer Raspberry I recommend Brad
 ureers, l'erry llif. hy nkarn, fe lartes 5
 ing fpomemea under this name, that deserfes to bs known Tha bitus wern flate whote and sele and Blightily reftexed. and in point of size half
 was alternately arranged under tho roof of the boden appeared to bo freo blooming, and for 2 white for lor bunize purposes, as the ndividual blart in a $z$ is 5 speciflo name correct? I have looked for the lists of evergrem stove anve looked for thit hi (pormine hut have fuled i) finl it $R$ hras

 Whitish lowers. EDs.



 thent messiring a acher a dias... Cr Ita folind
 Canadian Emigration By ife last mil it nforment that tre lewernient of if ligio hat deat fife meltler This $w$ il be an imme $n=0$ boon to
 Ret ather help 38 mut ti as posable. As sood 23 it

 Nace west of Alt $\boldsymbol{m}^{\prime}$ los, Gut employment, whind
 IIon Mr li itarfa, at Moronto, tral damm be b arres. Atter five years you will get on roun farlably,
y mater 2 gond provisi m for old age. A) (ain altogether
 gitne rhurn It focl thatuazh t: libozality of







## hromel lione N.

Muihroome from thoir spares.-I beg to report
essit of an expmertive : upen ilis aubject, which
axperiment. I hope, has been attanded with me
degree of suecess Thneo is abundant exidane in inder fuvourable conditions, the mycelenm of Nat mons is frely gencyated in atople mantire: smi having been smallowed by pocemis from ondre, wis have performed the giecus of llatr stomacks as Inteatines. Whether Muxhroumise in be ra wal 'rc spores which hape not first pasened thrinis the stome some anmal, the anthe rida sem to dow th be throueh bave proved hat eqmer ather at




 parsed in inve quantities ti, rough the stornas a testing tice stomach traatment exfer mexta. $y$ liver borse with his lasly fmal, I ntinatied fran anem

 that was carefticy turt ful over and dr and at tue stith
 mones aperture, nit is bed prejared in the liads or for lie gre wit of Juhhmoms The $j$ ot was ketme hree months in a Mushrom-house. nt a tempera
 deite ran-ferfed 10 a foreting int, of a wh ghtif demper of heat ly io the madjle of lereetobe
 moter, such an alway fromere the appearane
 ande their appearance next finy and thear bast welled un to the a of therr es to car pula upwards of a dozen


Wy, or rather by sccident; pevertheles*
ppaynnces, the zerninated, and ruay possjbl alomay the process I trave desoribed, w freely it our fields and meadow
Int? me any , iacthe prcallir cord it inn in the root and grow in the fields; and therr. any these spnees, artinoialy prepare have minnerif on 11
the dangors of six months of cumadith Tinoculate a whole pustare with the

## I have read from time to $: ~ M i n t$.

 roncio servers articles for for plantin thonnt mork of shrubs best adapted or pianting yin their wis ghill I an opinron there is pothing $\rightarrow$ Hinn the Rododeruron ponticun for giviag alenl display rarely to be mot with in May, stat the time when the young and fresh colour

- Waterford nemly carried out on thas system. agree wima my chemd M. bevides, it terds greatly to , urtall the the mane time giving equal, if not better,
I have seldom known hares or rabbits to 3 3y niarial ipjury to the Rhododendron pontacum (hin totheir taste. l'he simplest and cheapest plan Why is to buy quantity every year, way it from 4) of wo tull they get strong, planting in the whods in nime quatity of stronger plints that gnve been
I have been adoptiag for soveral yenrs a very mhand cheap pha of getting up underwood with Lrad, whach I'do in quantitieg every year, in piace
fudrax them to the fire or rot-aeap. I have them

be bles with the son), tremp, and elip the tops to your readers will no doubt have tried the hap olan; it in not new, hut is certainly worth
firifi Ahptioar-I am surprized at seeing so fow stan here a ar int il polla or Bites or are to
coubud in generat, otherwise any one seeing
 alkns are $5 t$, ', joches loug, appcarıng, like falling sand wind nit more that will not, but the caunoteradure

Hip-growng and Iry or Treers Will any of your What krowins. Grapy have kested the "sentry-box" Gery best untae to it? ? I should blso be rlad to
 in ing in, the Pine troand with I trunke nearly up to

 Ahmilon, $O$ R Redodendrons here io full bloom.

 + ginat degre the Calville It occtre in an article,
hemen how he used to hear fits merits extolled by und a reach apple bot jike moob of us EDoglish I folt that 1 bave beo. It is ouly whthue the past few year men - The Bleng is the ed to thint in they co, thai vont delkres that they "giverow sut plenty of jaico, buti pestiseupear need no come a per
then many peoptia Exardinary
i my beom some paraliencol
shawe popdistacal chmate, 1 showed how

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## Societies













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## Kotters of Books.

## Onaler Bndam: a Emord of Truent in Enotuh


 ary relited in the preeset volume Greater Brituio





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The man purport of tho journes roomet to hate been in tidudy the exiation condiloth of tho ADglo-Saxon

 Atettinlis, or suto that vet Avitho promoplory whob bescit a civiliuntion for Trozo molout tbin our own













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Tha : $y^{\prime \prime} \mathrm{L}$

 volumes of thm pownetion batwean the humen mad tive oller fahamiant of this globle ase the thore preatar cratis on the philemplac jpaigh: of it
 Dillaturn of thes.
Ius tarribie remulty, in, it passosedon of this tree











 gpecies, matter wt teh has uttracted froph attention Stnce the now -known writ rin of Parwia 日ind Walace "op the survival of the titent. Oge of ble haptans tommances thut-


An tho Phatha Clover hatipthr yod thi Me

Fone are the moumblal worde ofle tooltiono
 to New Zoulands, noil put down tho uld Jonko tbodr, was raptity





 eode on them bus of nod $D$ will be of tho vary phan that mors enaly dentroyed or wasted subatants. The Moor Gramo

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Ystarel wiection bi being conducted by matura New









## alle aled

thru cllmpeos of Creat Britain no 1 Now Youlind ero almont tho

 in to tha efroat of patural canmes in promiting the wollere of the strang netd tha gradual cisappacrioch of tha weak stont the mationa,




 ato and frosen on tho othor. Thore a ill in iliso





 पtiestion* antatatik wistral bastory on the scielice of
 enf rema or rizrif that ic lantú sed lis nos and then

 sufh enatiy technibal to enable one to ascartana what are tiep ants spolen of
Tlirostanut his wanderinga the author dafriays a





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of tary lanal.
With these atracts Wo take laspe of a work which has deservedly recerved the af probation of the crituce tig generah.

## Florists' Flowers.


 fagang hopoful that the interests iti thas Itseb berutiful
 of 1897 I arprowed a boher thas my halith of plantide very early, and ruvertity deuply it abcia's, biat adopted totelly diferent anter thit for jliat I
 portion of my fock, atid I think I Em justited in poring with complete succang, so far as sweceas was Dondion in the Fery hot year 1898.
 end of the thind weak of February, in rich fresh lown, minured soh of the previons year, coperiag the hulb 2 inches. Thia mas pery ditiserent from the decp plant-









 tork up large bend in prome noodition, generas quantity of spawn was greatly in exces








 hy tio indila if reish $r$ it it it tung I got that into the house, and hed 1 rat
 less, and this in many cages, as my note-book hite Where the growth had been fine, sath tho roth apikes of bjoom spleadid. So we aro stitl sud ed best circumstarces - to tho extent, I would pater say, of aboub one-tenth of onir entite stack of hatis Bower, from gome inserutable eauze misich





 manner in tho hanus of all xsye tho fase no mp






 (wi lilad aray

 plan'ed in \$iarob about 3 inchem decp, an goal ont Wa







 on them, I would reaturo thexpeest alim of tha halt-tozen ment o
i qua fo from memory
 Prince of Walea in $k$ the re ort
fer ledly valuablo actulating in last tes

 briat erimson feathers, stran throst,

 throat -a rery slalish flower, tha b, ontw threal mer small, and the stake ghat un th and atd likely to hold a hugh plare fir aume lime the gext trio, I would sive $\{1,0$ first
 throat, Ix nepike good shape and substoch

 $-2$ - -1 and athough o hita disooloured from tho effects of !





 iofated Henth-lico flomerss an! the plant itcelf quike | as hardy as the Crowberry. The Pernettyas are pretty plants-both mucronata aud apeciosa, the latiter the best of the two for flowerins; so is the Geninta triquetre, Fith 1 ts ground-running stoms, Fielding a profation of yellow fowers. There sre miny of thess and huadreds, or more, which adds greatly to the efferti. In Berberis there is nothing to equal nepatensis, taking foliage and habtt into considertion, tho fime ration B. glumacea jo fisco a pood shrabby plant, of a dwarl character, and B. Darfioij is too well known
 rotion to a tive thing $r$ what that is the ma lof an
 plants wheh had stood over unprot if 'I I '. A colleation of Ivies, mot the gent useful mong fong them being the palpated Farnety; which seerns to hold on so fast, either upon wood or wall that it wonld require
some effort to displuoe at, Holless and Ats. arims are








 every wither Abiletr savital thitik for autumiar tuirprs, ritros citons inglend glatantaion of the Fariecta 1 -leabed A uesubs toxs growiag under the dense Dagligh and Irish Yews put enalmost mournful mon
 geanty dexand. But it world ocoupy too muah soanty demand. But it world ocoupy too muah
spase to dweli upon the manp choios subjeots that met



 I is "ir sin a, or Blackthors, plenty of Dogwood, or Cormelun Lherry, rather bandeome with its fine olaret ooloured stoms, and Lu + esteris formnen, jortionlaris

 aty makes a handsome pyramid for minor border iraalder Roses, and Spireas, all paluahla for Trbalder Roses, and Spireas, all valuabler for Weopiny in win preference to tho Bobylonian; IT hubit is $\quad$ A rigid, sud it oventually, as Fe apw heopibg company wher the time lot of the Bos-lemved Privat; this the kiperior to



Simongit might be sufely recort siriti I for an ornat menthl ecrees. It lialit is very desirable, sud then the orato teaves are saprettoly self alterpately on the stems.
 a plant for saleoted mitturest the eye in arrester a piantation of Einglish Maple tha mmall and egant s-lobed lenves puvest it withe dected ohariater
 Popar?" "Oh, cays Mr. Welsh, «that in thety of

and you oan judge for yourself which in the butite - Hant Marmesers the lew does nat spow readly
 Gith nev of then whis, it rather if the mita woolly,


 th. h thath mik Hiar hat Hither | 1 krl |
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| $1:$ |
| 1 |



 and tie Hark Jtar an foopar apluar to bo thuch
 and readily convertible purses casing rappd arowers







 of interlining the rows is a good and poonomion ons, allowing free scone for the atmoaphere to play upon the lower lateralw, and one of the best pre rentives apainst the mppromeh and proparation of bug. Ithen apaia he to kinds, it secoms slonost irsdis.
 anduriag than the Tyrolese, for the former was brown and quite ripe, the latter as preen as midsummer, as of the antial mentoned, the Bgenau, there d not seem to bo tro

 bods mid beds of them, but only monall modream of iho Begensu. Whit nurvary poople eall the lining rrocess aems to be a conservintive one; themt mere for lns zen by this method, and grenter enconrigement for prowith. The modms operandi is to talke one years demend of asy of the three greał Conifers in demand, add lune them somerhat thickly and densely
 aud thres tho larger stapog of stonk that Jind thotr play into the plantations of this and other goutir - 1, this vurser yreat attention is pard to a ch u , cha, in trul







 char, lerised the Farions plentalions of Lavoh, Bcotch,
In been the beady arters of the establishment, and whet
 tuid firm has formany tem bean tamen n farta nat manere the chora allage tiat ber hera fuarel undar the eye of Mr liat. Herbeopon plents sad ctance Amarionn parub, aloag with in lat besidet many choige roolt plant , timh mide he nemed over papatioed. Then the Camel is-bouse for fill of




 an c is provided for tratned fruit trees of all tinden An immense hat tric is carred on in Pear atooks for tho American marlat, Growers over that large conti-

 reogiving then our marke Alter they sre rendy fot anongh, Fhtoh is momemhat atrange, and it would he interestior if our Ameriesan couzas rauhil explain the」1) Til $\ddagger$
\#1 tr is. \& hestouts are very mumerould, and find a


 bed, ill through its chsouered lifa. Ereryrem Oilr, partially shaltared in a compartment murfounded by hr'it Byech hedges, are onspicupus, sad sobing that
 prat t!ep are grown ia pota, sud plunged in mursery rows This is a most watuable subjeot for reanide plncest-gs for example at Casti, hannedy, where every as. It is forent find is a mert wrub, this the atore



 Chatlen $X$; it deop bitue purple alastert of flame coon no rivi Gome finc stenkrean planty miot then nurverien of which we can burdy mention
 Chipens and Siberana Apbor-vituc, Hemlock siru's in bugh health, and Crypinmersa mporaiz and lobbbs,

 of the ertirles mader ruliration and the gral puer Whach whe evefy wher niat. fixi $J$.

## Obitadary.

We regret to wanomee the doth of Mr. Jayns
 Mr Bacthoume whe the senior gartare of the emunent fitm of Jome Dackhoure \& Son, autwrymen and meodsmen, lart.

## Miscellaneous.

Cormo Gorden Notes,-During the past Portnight therm has heen on pod eupply of Bremal! ment to Covent Gerdeo Market from tho kienghtwurbroul of Penasoc. Cornwill This romen packel is arge opmp hampers,

 Wheth are che efy oble inial from the loraitioe of laceworth, Jamet, an la tier plares neer landoo



 adherenre of fient the ane Thim lant motare met
 of ehlorsie of and oap part of chlorside of ammontum in कs paris of miler and one part of momizenvial hydromblopic aryl Th.emoution arth at a wirt if mordant ll in paidesh

 Is hours to a krey, and upon this gres ourfun any oil puat will dry, and kivo a firraly-ulhenag coal duturbing this covering which aftords complete protection to the zanc Ruaides

## Charden Operations.

## (For the enfurng moth

## PTANFHOLSEA

Garlenate are plants whw will en lure mumh bard Sorenim, ind, by treatine two or three bati bee differenily as almont erery matured thoot will produco fower. buds. Thow who wuh to have fowers tarly nity have
 kTeme, wal enilure no math atming. un whulesomo shentr , treatye. A botlom-beat of from this to $20^{3}$ mosy be frealy nitorided them, uable for this purpome nitrons
 Eredation) than that in which they havo provioury been
 fore, be weisen to
 compont thes do not morced thmphuaty planter frown th formabion of giower-buis. Weace, uituey are not very greal mouters, stan! pots ane envinialls necestary itr! them frod hearted jrilow. fiable, fibrous loan, with
 porbed, and aper a Frad drainamer bas been asured. they should be polleed tirs.y It often happers, what hetween the bell and tio inner a loe of the pric ppace

 of the fingets and well home lientles ibe law of valumble space, cansed
 to more freely throuzta the l, phty, presen] [wirt.ons, howving that whicts is properif fin ithed riff hard and
 What nuw be rased about ${ }^{\circ}$ Insure a matitham of
 and al simiar perth The contin mind dajs unw ine. Home wemather wit hase laxed the etforts of kn were of
 Mly pretioun the remoral of erery pert cle of diray sizatis fitel bue siceler force the longer thes wort of Whether catn it phould be thorouph 5 understool, however, that it whld do mofe bim that gnod to make the pipes of tuen whot wh dry the houen and planin that are contamed hareln by theot force of head wore, declabed the dense mesoture contaited in the ertermal arf would find ita way thmurh ereesy aperture and be conderned, thus making the matter worme inalead of exctioment When sight iree are mecenery, let them
only $\overline{t h u b b}$, in fart, at will ratave i in ruth out at the if the mosture from w tho 10

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A.eq bineere mhenh may liave frust wit, antwh th



 little sun-heat if posibia, Be very creer a sat to
 of mis bief is certain to follow its rearard to Purrs litlo ran be dided to past sitrixe, pitsen in former Culenders is the patiank osawn of some sumrese onal
 placing it to dry in propre poit ons rhopping tip then Nonisrim Trem atanin as the fruit benns to swel, and found wond whmetate forming, tactenne the lemperaveut ber, but what lue raption nit to have rocourae to any esrow whiph is, ikely to rautue unduo excitement if for make formd growths begond the capability of ewhl ant to mature at athen a period

The greapht wease m, ith its entregar maldnesn and



 thete are wry ins, tr cils I wearcey nem! adj [t will bo well to give nit that are starked therewith a goni dressing with woud-abes, properly prepared by itfinip,




 as the bids, borilers, \& become drar This is ercel. leat weather to re-lay and in lopel ifferuilar lawne, and any work of th.t k.nj in contemplation thou, be pushed formerd with vigo or

## hardy fruit garden

The present mostber 19 all 1 lat rath be deared for all
 ratus warbed down and willet the catto around the rooke Shnuld a mionsenterly dry period ensue, it what be advisubato leve the mi a instanesp where it tasy have retind down irrezuarly. thius eaustiok water wo stand after hesry shawers, which wouls quack, be
absorbod and carried off if the anrfaco were lerel. heep absorbod and carried off if the surfaco were lerol. Keep a siapplook oul at thas partirunar the sher wimend peen. in cender have the budy become upon buath
 binda are alretdy mutinting thom. Besides the many naluasy wayl of keep nt thems away, reworl mas be
 and 1 ing it

YTYCFEN GARDME
 fur in sity warm *suthern suations with repesielluponatight beda of termet ind material, and under lights placed upon a south border. Continue to turn over and to sweeten the atecesty healp of matenal upon Ehich Cwrmbery and Ifeloss are ahnrily to bo planted. It munt be perferly sweet ant Pree from sny impurities, whish are readily doteoted Fverything in the why of Camlutoners, Telfaces, and the like, under framee or hand plasey. whilst ibey masy bo friterteal from ramas ro tuperticial nids, mual night, by tilting tha lighte, 夆c. Erean with the aligh
 they begio to loot very weakly, If Eny mmonnt on them avay from them for weok or no, allowing tha sir to blow freoly omonget them on all dides, and so herden

## TOWN GARDENING

Fros some censo, posibly from the want of a koow ledge nf what will grow sumenomily in miffind placee carden** $n^{\prime} 1$ moxdon, with vers few or the Niustions, bat th crmer in I. 3 and Poplar, and these in a very therred an I unaraber mididtion. The manapers of our publio mapk haren late wot a Rad example by planting many thesutif 2 . and rare trees and shrubs, which throve weil though they are not entirely ous of the remoh of smoke. Of course they are better situnted than thnen in sjuspe and gardens in the heart of the town. An fresh on I in suftitent quanitis to minat in may be obtatheal it quito cartain thet, with dut care and attention, many treen and shrubs may be Rrown in all the wusten, and not a few in the mint minfincl localites of barge town In the first fulare, it se if the utniont importance the the irreat to be planted 10 suris planea should be young and if thay bave been prefionsly tramplanted onco twice in tim numery to murh the bether, at they will emonore with more fibous roots when ther am moved fom the numery they storuld be liftod with mme thould around their roold on pombie, at the Wilt be suticient to plant them in
mil shoud be carefully distrituted amonect the ethos









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Notices to Correapondentr.

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bunime or zyand

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closoly, or a sharp moming front may catch yod closoly, or a sharp morning front maty cotch you
 mon Soll-hen, and indicater porarty of wolt the inst compost, 15 rich as you can obtaln ft, adding e guano by ath by, Whet the apring thowars come on remoral of the weodn cuupo bare opmote, meratob mixtare of fine Gras modd bofore phating drearng. Cynowurus crlatatus and Fertuen turn

 witi come tolerebly true
Nactir or Fhurs: HF Foutc, No. 1, Robinete 出 grown in Pranpa. It is momernat trender In find and the frults nower are hulf mo fine, aroopting fo



CTTONS GRASS SEEDS for all SOILS, FIEST PMane


PAMLE 1.WT


237,238 , and 261, BIGH HOLBORN, LUNDON, W.C

## SEED FARMS

EAST HOUSE FARM, DEDEAM, ESSEX THE BEED FARM, ST, USYTH, EgSFX GOD's MoUsE FARM, ARDI.ETGU, ESSEX

## THE NEW FURAGE PLANY, BROMUS SCHRGEDERI.

See Gardeners' Chrontele, page 1345, Dec. 20, 1808, from whel the following is extrated " The crop to Bromus) wes perfectly satusfactory as regards both the
quantity and qualty of its produce. The Horseheepers quanting it preforred $u$ to ftaltan Rytegrass, and the ouytng it preferred $u$ to ftatzan Rye-grass, and the them.

## E. DAwrs, Esqu., Rerbright, Guildfora, writes:-

"I beg to offer toy thanks to Messra. Carter \& Co. for celling attention to the valuable plant, Bromug Schredern.
"I purchased some seed to test its value, and it "I purchased some seed to test its vaiue, and it
oceurred to ma that a report of my experience maght prove of interest.
"the seed was bown in Jaty on ground an dry as dust, but it vegetated freely, tho first shower causing it to grow with amazing rapidity The first euttmg teas nads Oettober 20 , the plant being 2 feet hogh, and 1 found my entlle preferred it to any food I could offer thom, $I$ now hate (Noy 20) a huxiriant sccond growth, in spite of the cold weather

I may meation that I was first induceir to cut the Grass on account of my Pony rofusing its ordinary food, ard wout gratifid to find tho Brontus greedily comtanned."

Sow 85 lb . per aere in drills.
Prioe 1s. per lb.; cheaper per cwt.

## CARTER'S

SEEDS FOR THE GARDEN.
See page 77 of this day's Garäcnery chronscle.

1862.

1867

## GRABS SREDS for PERWANFNT PASTURES.

Wheoier's Tom Thumb Letunce,
HERLRAS COCOA-NTT CABBAGE, is. por packet.
Moeler Gainem collection of Garden Seeds There Finet Fariohea th Cultimiton. For Details be LITTLE B00K for 1869 , Write BL , post Ifoce
 89, Yark Lathe, Landon, K,C.
Wheter's whry-White Potato.
Thus the beat of ail Potutor
, ber to cantion the Thade agatast Inferior and rpurious parlatiea
a Maxt Ieme Growert, Clabemter; tor
Theolers riture Boot for 1869. Prico ed, post free
'Thruesis 'Litt a Book' is now a hovsothold word in masy "Trucn, 'Luttie Book' youk dod for as the Almanac"
if C "









To Landowners, whelher Tougnta in Fee or for THE LANDS IMPRDVEMETEY,

 reatchazryentrer wh yosth.


「「HE GENESALL LANI DRATNAGE and IMPROVEMENT COMPANY.


Works of BALLET DENTOS, Prinelpal Eaginver



 Tenati larmera liny ilso, by nrmageament with their lindionde procist the execithon of the ahoro sapropemonis on thetr ftrme of

 mag be charged ph the Estato for a Lenr of ymars, to be fixed by the nudowhota to mibat tho circumstatices of honata,
No invantigation of titlo balag roquirud, Ig logal axponean are Applicationito bomeds to MR, FORACE BROKE tho Secretary,

M IDRAINAGE O LAND AL undertaken the UNDER-
 duidigg Cotast Luction, on Cotitaze with or Fithoult Suparintondetion




 frimetpal-Tho Fior John Constable, $\mathrm{M}, \Delta$, , Trizuty Collogen latubriug





The NEXT ERSSloN commences FLBRUARY 8. For Forms of BOMAL AGRICULTURAL agricllitial education. The FXAMINATIOX of CANDt. DATEg for the soclexrs kDu
 18, 189e. Copltun of the flowi, Fequired to be satut in by March 19, maty to obtaine on applitation to
\#. M. JENKINS, Secretary.
19, Ganorio Square, London, W.

## The agricultural Gatette.

SATVRDAT, JANDARY 23, 1869.

Spectators have a better idea of the contest, and can better see the field on which it is being waged, than those who are actually engaged in the fight. Whether that be the true explamation or not we cannot any, but there is a marvalloze contrast between Lord Granvilue's survey of the subject-matter with whick agreultural progress is just now concerned, which is reported in another page, and that which one gathers from a report of the last general meeting of the Rogal Agricultural Sooiety of England. The fact that, let the skill of the agriculturist and the artificial fertrity of the soil (which, after all, are the two great diphanons of the subject with which agricultural societies have to desl) - let these be what they may, their produce from the land is being in some districts eaten up by rabbits and hares-the other elmost equally important fact that the manure from at least one quarter of the live stock of this country is being absolately wasted, and never remeles the land at all - those relations of the land to the great natural fertiliser which aro involved in the words land drainage and deep tillage the businoss and social relations sustained by the ;armear with the landowner on the one side, and with the labourer on the otherhis own appropriate education and that of the people be emplogs - these were properly displayed and urgently represented last Saturday at Shrewsbury as the topics on which Chambers of Agrrcuiture ought to bring their influence to bear. At the last agricultural meeting in Hanover \$quare, on the other hand, one of the two annual meetings held there by the Royal Agricultaral Socioty of England, after the diacussion of a purely domestic subject had concladed, the topics to which the meeting directed their attention were, the proper shoeing of horsea
and the axact langeth of mool to be allowed on a wheep for exhibitino Wo do not at all wish to id.sparage tho value of enther of these subjucty, but
it is plan that the contral sucuety will have thes wind tahern out of at satish the yontager proviarial Chambers of it duey tuat taker it more




It id wut of tha frout slrustages of a chasige of oficars and bystom in the management of a society, that thus who occa-ivially " [ramet, to the authoritiag such a consideration as the hoosociety hot edy piren the atkention to th topies thas urgod upmis its notice. With one, or perhapas. two areat exerptrons, thas is no dunt true. Its Journal contuns papers and lectures on Iamh Uramagi, Jfep Tilazer, Tomant-Rught Agticulturel Fducation, luwth Sow He, and the Condation of the I Abovirer. se. A nest man happlly. ha4 sint hi4 mithe ry charged with all the Rreat things which tho Nociety has already cooompliahed be is tuoro interestox if its future, for whach alons, after all, at wiots. It

 It 28 when the ratudry genot rally 14 ulsuen then then

 "notr or retion" that then suviral otojects at Which agricultaral pmares- anas catt br wrichof the Socuety's Jotrnal, who must, evon mote then Lord Grasisille, look on these nubject from the nutwde strisk by the anemshira whirh


 his sithce platuly nerva.
May we exprese a hope that thosie readera who ecan thes part of our Jutrral With a profmator al eye, are alwo wint to carry thenr wrom acreat the intervening columas who the hricticuitatal stctani preceding us "Gardena are arad to have bean first planted for man's delight they may be made a days of acricaitural artivity, attention has beer directed to the mmptonnmeat of the brmenty of eatnala and planta. Much has beerco lones at the former departiment, wometh.t $g$ in tho latter. The achevelaentu of horticilture in this diraction beve been marvelloun and a firtaer, commeuc ing the rery bonefu! and interesting art of I'LAST IMPRONEMENT, would leam whet to do sod what to anold by truciog ther history. Thare are swo circumatances preatiy in farour of the horticusturist in his endeavours to modify tho phants hat cultwates theme arten from the wa.su of hit sulyecta and tho naturu of the chauges be wishus to induce an them. Iferutully pishes to altar therr form, size, fisvour, or the cubur of thenr flowors. But the object of the agriculturnst in generally to racrease the mend-protucing properastias of his conpon, and that 18 a rery ditierent, and a pery duficult, mattor. Tho mere alturation of the tien, shape, and g.aahty of his "root" crops 2 s ensy, and in that direction much has bean donu
The relation between the physinlogical lawd that povern the regetablo and smmal world in exeedingly close. The behsviour of plunt and onimale ubder corrompudiag tremtmpat is much the game. Joth mas be pamperud intu abuormal balt by tho wane momiss. they both become cotstututwally dobitatated and pterater by in-and-in breallicg, or by gruss frodllg, and an orer-accumulation of tigaue. A cros. of virietias induces vigour and fecundity as in the bulf-bred nheap, or in mixed varieties of Wheat and others plintw. A croes of spectes induces aterility, as White Turmp and Swede.

The application of these pracoples explains tho common observatom, that an improvement in form and azzo in often accompanexi by a hamantion of the poter of rafioduatiod

An adran. tage 18 gained in one directuat by a sacritice 14 the other. Onir own experience is that improvemont inust be alow, to be sefo, habits inust not be bent too frest.
etartitg pount, and it must bee bucceeded by Eelection to get punty and fixity of type. External matitusces, surh as thase of manure, extra space for growth, than seediag, or any bystam of pamperiag, to chicularase ince, must be
very carutiourly applied, for the resoung before
given. Wheat, thanly aeoded and thur grown to









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 at flounder or erame of Wheat as big eo linares Wu hase fourd thers raret. of Whent to he du firgont in vitality in in monstatu-
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 f. xed thjn. Ari ull. high bred, sugwer sert
 crossed with a productive veriety, and then

 influence on tha progery, which "torke aftor the lukh brems sure ( $1, r$ halt and theremparter bred Nurgery crosand lisa mang of tho lizer features of thit atock, tmbued with the mure robust hubit of the sjusl lag or Brownek.
In saritg Mangel or Turnips for sead, gound rooth of moderate nize. ETnwn with hitle menure shovid be cluosen. By trin yeitrs' selection win have remched grent maifsmity of sbape als trpe. I'uthaps there 29 non ajlijact more berperf a fios the breerdit than the l'otate, Its daseare has
 that hare afficted the Vine, and indicel the deblity and deray of omo old itr.t of of the
 by serel. Potatco lanl under abnormal modes of tratment. They grow old, and canuot bo rive
jurenated br the mero removal of a part of the same indoridusl, and platurn it elsewtier There musk be a new iffe, in other morls, reveral by fal and mato thal that-a due connl ance with Nature a liws Foquires a maxilf? of rarmiter. May not the suckiess of Red Chorer anso frotn a constatutional fallure of strength, Tather thene a chemical deficioncy in the soil?

The eatablishinett of new and improfeth breedof the pharts of agreculture 18 esinparativils an
 nttractiva che nul will momo day boant of ite


- Tise Carn Marikel at Mark Lane on Mimday
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 the fane but a start suryity of stonk on Thantaine after barely an aremage apply on Mondsh, (ansed trade to be

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- The Catt.e Plague Ordere are very propers beanz risily enfiriod by the constituted ant ar ' pa

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## STHAGE PARMING PROSPECTS

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here been userl, and sierter raturn oblaided, elthouth


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 other fortisong copfetionts, asu zet the wote of thow
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witnesses stated this positively before tho Parinmentary Commitlees of 1Scis and 188ik, and Professos: Way pave, I recollect, one very striking exntuple. He satd, in effect, thes - You may take a certalo unmber of gra, ns of musk and scent a room with it for yeary, durink all which time 1 t is apparently giving our part ol weigh substance, yot at tho end of theso yeary whe went. exactly what it whened at the commencemmin. Agran, argung by induction, nad not dedurnen if were true the sewaze flowint Chadwi k's ventilatoje, lost a large proportion of its ammonia in sisils a journer, it could onsy be because
 of it wore a fact tirst it dim loso iss ammodia, fian woald be a proof that arr had a creater antary for smmosia than water, but the facts are opposed to thes. If you piace a basin of water in one corner of the room, and let off soind free ammonia so the opposte cormer of the room, it is a fact that water hes so much creater aflimity for ammonia than air, zat you Fould in the course of thme find the ammonin in the brata of water The smell when -13 has ovidently encountered was, in all probsbil ty, notling bat sulphurutted hydrogen, as हetage whici has not beers stagnant gives of httlo else. It 18 no doubt a very dtgagreenble smeil, but it 19 only when servare becomes stagmant that fermentat.on can set in, with out which no apprectable decompositor can take place thourh eten then the decomposition would no piree thourtrese that "W, B" supposes, And with regard to the escapo of pas in bouses, to whech he appears to allude in one of the sentences juzt q oted ta arises, 8 a rale, from local defects in pipes and drain gllowing leakaye of matter, which thus ferments, and then 10 addition to the sillphuretted hydrosen, which matt be looked upon מ" a warning given by Providence of alanger to cottie, there arlies also the chager itseli, probably without any appreciable smell of its own, for sceordug to the lateat discoseries and best founded theories of uffection, the seeds of the evil are not in the dieagreable kns, but in the odourless, or comparatively odourless, eryptersatme life whel springs into existence from the alrefactuc de tompon lan of nrgams matter conseguart umn ta fermentano indu:en by atar-
 the utilsat on of sowage bs irrigation
Ha second in realaty is tho same as the first, at least it is the dyect consequence of the first, and 13 , ibelieve, favily fallacious yiz that a farmor-and I will takean Euser farmer as my romarks apply throughout more to Iondon that to ang pther serare-cannot ailord to tay pay hat armer cill give for pht-soil. I believe that this is altomether a mistake, and fhat, on the contry rill pey min them fanmers, for the simple rill pay reson the where the amwonin end other raluable fertiisers are resers, there is probably a maximum of weate.

I now come to the third objection, relating to the expenses of semago farming, and the high price of the produce necessary to corer axpenses. At any such price as ld. a wa, and whe grobably hag ar ther Belglen for 1 ar over-rated-I am cortatu, from masy verg care ui and exhetistive calcuistiona, former can not only beat a prices, that the sowage farmer can not only wat a ond daley lin, deprived of bis metante of may be effeoted by some of the new brooms recently come into otice-but asso kind of crop. To talice only the case already quated. how cas a farmer uncer any nonn mode or cartration, except semaze irisgatios, obtain from phor land 6 qrs, per pere of Whẹt, year atter yearlt he hies, at an expenditure of tus in manure; or 71 lons of lalan Ryeugrasi per acre, at an expenditure of 106 . lis the. in manure: or, for thet mater, at any expenditare at all?-or how can ${ }^{2} 2$ tons of Mangel per acre be obtained for il. 11 s an? Bestdes which thera comes every now and then, at least ju the Soush of Eagland, a year when the ordinary farmer could hardly get any green crops at all, whereas with sewape le will sill get : mesnificent orop; and tiaking into account theso exceptional years, a sewnge farmer can, on the eqerage, undersell hus nemghours very largely indeec. W. . . ${ }^{\text {n }}$ should recolleot also, that wherever sewnge is to be obtaned there is more or less a maricet for vegetables, and our oxperience with Londou semage proves, not only that we can produce all kizas of vegetables both faster atad cheaper tisan ly orditary market pardening but that the produce alway, from, sts fine colour and delicate quaity, takes the top price in the market.
with regard to the expenses of farmine by sewage, I admit at once that to obtann the best result, a very considerable increase of farming capital per acre is required. The cropta are yery mach sarger, and in the case of market gardening, and even pain jarming, can profitably be used more horses are xequired, both for the mare frequeat cultivition that remdered possible, and for the heavier produce which has to be certed. But while I admit the increase of expense I deny altorather that it is mpy objection; but, on the contrary, I assart it to be an siventage of the system, for it practically means that il lermer can employ his, for diminished area of land, this saving rates and taxes almingly area of had, thus saving rutes aid taxess probnbly some amount oontrol truch essier.
The fourth objection to sewape irrigation, arising from the mixing of gtorm-water with bouse sewage, which the mixing of storm-water with iouse seware, wist attontion to, I do not regard as very "W, B" calls attantion to, I do not regard as very

 onls to fallow land, but aleo to ltainan Rye-grass, necesp frost and suow theresure a time; and I am necessity tor doubt whether Colonel Emart's recent recomraendation of a separat.on of storm-water from bouse seware will ever be popular smong ratepayers, or obtain the sanction of the R.vers Commision. It cases where there ts pecultar dilficulty in utilising tine maste dransge receved over a large area of land whose true remody is to be sought amm
I am smmensely grathied to find that the B ystem, ns " B. cails $1 t$, obtains on the pprobation or so patent an inquirer as ${ }^{4}$ B Barking ststem a stull more unc wal feeure in Trom him, Hope, Parsloes, Barkeng, Ja,

TIPTREE HALJ FABM ACOOUNTS.


## Asterry 1-Valuntion -

## Luve ntock

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## DCAMPTR 31.-V10ation :-

## Sivo atock Poultry

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and chatrebd per contri
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LIVE STOCK,
$\xrightarrow{\text { Padd-1865 }}$

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 from time to time, the ioteryals being long or short

 tion hata, however, been takea ip and discussed in eamest, there it onds. This 18 often the result of deliberations which ean only end in putting definite conolusions on paper. There is here no line thet can bo

 With rexponablaty at the 1 me when atacka are benught
 rule, bor pith mathematical or geommetrial nuety, nor by any form of weights and manstirme but it mat he

 cotingeneral enoul in be wha' whermed felloma'

 form of ladies att, ere, twotl intomed and abriad the extert roperse of ditiension is now connidered to be the pinz of porfootion or fuhtion Stulwart men are, in a mental sense, and in their bucinese, scarcely less credywhen they are ad Jressed in manner and by meand When thry are ad lresed in manter and by means
wh elj thing reepect, or an the case mas be, in $A$ way which they reep
These reflections were induced by the revival of the subject of "e ettle freding" at the anounl meatiog last Week of the Royal rtirfa liry ll lira, sin its, Mr MoCombie in the chare, and the recoileotion we bave


 feeding of cattin for annw ho thousht 70 an ma. abore a 3 car oll atrot, be allowed io mimpete that has fed on liras in the summer, and staw and Turnthe im that winter. Certain animals might esen get too fo ${ }^{+}$ for breedinz on this hut this Foild, mate than angthog cose, aboir trair pralift If thotisht ar sollil
 murh as many animu * were dasternal hy ne, r-ifend nat
 fond, and be tionsitit that kuch a memp wian artion hinted at woadd mucugoon ©f cource he would al ow any food to buloaks, as they were intented to be fod Mr. Leslie pointed out the difliculty of the in reard and whie he agreed with Mr M, Mex not edrief the meetiug to enter on ar remplution Mr Campheil fully mpported Mir Marr, adling that the line of demari ati tia was casily dramb, and be couli saen no dificuith $n$ rositionza amimala to be ahomint the Mr. Copmman and the Chairman differed with Mr.
 Irswn. Other membery expreesed their views for and agsinat the line of demarotion, and as unhal, is wo hatre intimeted, "the anbject then dropped." and in thas rase apparently without havink so mach eren at ne maral "istily tion

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 sumer wintig ad jocrosio uf leab meat, what batily the Whole tendency of a wardiarprizes at our priaop pal inows has zencralls been simply na encournament to produce freater disproportion of fat to leen. Hene maby forksand herds hare been gong the way whinh the onve fusworable Lencesters bive gone-to a ntate of degeneracy which wilt only produce puny and wetk frameraliat are pred apore 1 in grow much mrense and but I tifn masale l'ok have pone the ramo way and inns pur"tie heris wh. h were once fashonabio are

Timer dita are tom we'l known to meell farther
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I rt the Ronal Durtharn Agricultural Sopithy, and
 nhid thry bave furd the ovil and aragged it to tho urface, by a means let us have the stid ovil, and the hist that me temajy frat that ann bo deviseld leratitimal sonets done duro to jtuelf on dnubertir in limstion, wher sollet wound un is aleuable ninent of enous erample, when an eifected. If thas Jritiah prisidike the proposing. seconding add "cerrying "prisolutions- proposing. frequently done by locat Agricuitural acietion, mon

 ment would soon disppeaz Many of the bet jraticel men in the country hoid themeolice bloof from Royal and country shown If these man be right, agricultural priseg as now marded man be right, agricultural prizen, as now warded, must be Finity, and too beldom an amard of coanmeroin! merit yanty, of oondemnations be put into on targible form. If this be lune mo diar dea as grea a pisargo for the bethar on the character of animala shown in the next 10 yedara as hir fed lias beets ot the last io. Fsen the Royal Akyut iral axaety mas by this lae, if it be reformed - than, hern to hase a me apprasiation of profit and
 of rite ce tes examy ine as mariby of boing fulamed by oral socictics inalcad of urging oring their pract cal knowledge ior bear on false and frufielpar fathour wherever thme are to bo found.

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Thut (laratmatis the font tume for frimt and s.ow * na ud a Dór the leula of whith need not be queshoned: bublarmens conld do well without either frost or t. for they could only makn up thels midds to tuank natects and permeates tho land, sad thas tho latte bothea and ferts iase it, is bs-ed upon an very doubtiful Joumationt An doubt many invecta perash when
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In the handiome market btidingen at Abardeona ralis of the midilio foor run round the interior ade
 1, paxa il rhash lice ruarket in the afterpart of the day,


 er niz [1,mee are the owners of the atalle. They are






 they I radem ute the buameas of reta I batrien in Aber-


 on to Aberdeen, and then Bend them off to London by
 milesmen, who dapose of them at the suocescing

 the werk on whirh lis cunsiznament han bren made Hie has thmoelf, howertir, in the dirat place, padd teth to that farmer frum whom he hought. And it is no
 montri fair mad pay out of hand over tho rimety ande in mime temporsty lonth as murh os onot or fattie
When the drew.ra" of atrin tio the Finglush maplet
 lat dell mathal metre thas. they were well from Aber-


 of the lan frekit were either thrown overbourd to eage the ship or smothered below dooks before the Fessel reached the Thames. The introduction of




 The fintly befire the ton a fa thar thise miarket a



 Whit fiks. Tho tumber ot alieen hero atated us hat as may be half the numior expurtell from Abardeas to London and elewthere The multry beng man arricultaral rether than pastoral, fewer shepp are fed

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## Societies



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 objections urged agairst Chambers of Agriculturo-1 beink saud on the one hand that the landlords wore



of the tenant-farmerg produce. He was : $\rightarrow$ 保 ourato of the Established believed, the most prolific t....... magenras woutr not do n.. ":





 it in bry thit this was subject for debate and ariel $11{ }^{11}, \quad$... ral ohambers. There was ond


 The grapd old art of ariouture had wit
 —n $\because \rightarrow$ en oblised to 1+n
 it ut it ho $r$ r. red, atin th a held good, not ouly is $r$ urded the fermer numself, put with respect it labourora whom he employed, for the more $\rightarrow$ tha wark they were callod upon to undertale, and the mo $\cdots 1!\ldots$ 16 $\because$.




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## 33 viítus.

## Nirst Repart of the Commissionata


for with no oramis logsurable, pentiment an: linn hontt is not frredean

$\square$ The nnnual profits are divid whey can 1or memseras, and up to tho present time of
$\qquad$ so well, tiat in I8\%.l Mr. Gurdon was tompted to try a - . $A$ s
$\qquad$ sell freely for 30t, Thore has not yet been anythug
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yol gnacenolders, all of them taken from

of came preserving is narrien in many yarta of Eolland, and particularly in the county of Norfolk, is assuming as

that command. We invito them to a new wheld fex a somi-pr ate one, yot it was an advaste on the pro-
$\qquad$ 1

 an orbithalogical galhernag. It might compriss eyory-
thinus, from the ostruch to tine tom-tit. There is plenty







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 frumming oolournas and even spucing tne purmege of the birds they exbibit It is very sad that auch should
 artar for the coming season, must bear ; river , are arit : if is thant +1 hat frame the.r arel. $\qquad$
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bought than he bargained for．Unfortunately for bimell ho finds it too late；for，if purchazed for a stock bird，be has in all probability begun to breed from it，nnd will find ugly proof in tho developreent duty nod interest of both committecs suld exfibititors． The hatcling Eesson of 1869 ，ss far as we yet hear，is a very lavourable one，and we hear of better broode than usual．

## Obitzary．

Tho lale Arr．Hall，of Weat Fitrby Hall，Lancoln． hir＇－The deveased was（the Doncaster Gazelle
 during the lifetime of the Earl Spencer，who was trore generally known as Lord Althorp．Uuder Mr．Hall＇s able manarement the whole of those extensive estates were remarkable for the ri bigh state of cult tryation At the day of his death，3r Hall had some nonths entered on bis sith Yest，rotaiming his intellect tal powers unclouded to the ast burs of bis rondyend extence Hlo was probably the odest hit nz lifo Inember of tho very striking portratt of hin in the weil－known picture （chice engraved of tho members of that bociets For many years Mr IIAll o Latated as one of the judpes，and not orily at the shoms of the lloyal
 cuatural exhibtumbe of the bing jom Mr．Malls estenswn exprimen areat knasik ise of stom， frequethiy solidht a）the cemmentees if such associn－ tions．It wha，howerer，in conmection with the eestablishing and perfectiog of the world－famed Wi iseton licrd of Storthorns Liat Mr Malk－Inse became newre generally known to the agrew，tiral world Earl Spencer proved his high approcintion of tho way will h by bequenthiing that large and valuable herd to Mr by bequanthing that large and valuabio hard to Mr． Mr ．Hall，leaviog Wiseton，became the purchaser of Mr．Halt，Reaving wisetod，became tho purahaser of the Hesley Hal cotate，unl readed at Hests Hinl fr more than 20 yeturs．Full of years－respected spd estoonod by all who kneir ham，from the peer to tho feassmi－s men attain．

## Notices to Correapondente

 you farthar information，meanwhile we bog to bay，that
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 land it will bring into ute much of that vergetaide finitter tinilly decomponodvegotation，wheh grew ind fell，or dezayed ns roots，at monio presio is perini of tig bastory af tie moll Which contnins them．These are in as crude form，and thay become soluble alawly by the action of atmaapheric fol


 tuen of lime．Thene black achatances requirs ta bare rexticed
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## KNAP HILL NURSERY，WOKING，SURREY，

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An well as the abovo－mentioned artioleg，at Knap Fill will be found ono or putheng the Stok of all the better kinds of HARDE EYERGREENS，DECLDLOUS and FLOWERLiG 0 TREES and SHBDBS．

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## ©tic Gatimerge Chwomid．

SATURDAY，JANUABY 30， 1869.



1－Rntomalaghtal
i－Litintal
Maxy have been the attempte to explain the Acrion of Frost on plants．It seems，nay it is， norvellous，that while tender Mosses and juicy Fungi（or at least many of them）Fill resist the hordest frosts with impunity，othor plants appareatly more favourably organised for the purpose，suacumb at a higher temperature than the lowly orginisms we have mentioned． There must be a reason for this，but it is not yat forthcoming．Still we do know something of the why in which frost acts，and the knowledge we beve already obtained is of a raluable oharacter． For instanco overy one knows that when frost comos after the wrod is welt riponed by＂fanters－ tic summer＇s hoat，＂its in lurtods offeets are far less obserrablo that when it supervenes upan星 comparatively cold，wet eutumn，when the tissues are＂gapPy＂and fall of moisture．

For this carse thoro is reasou to fear that the mild，wet weather we have lately expertencod， may prove munous of frost come．Aftor a hot summer，highly $f$ vourable to the consolidation of the tissues，came a period more luke apring in its tomparature，and which stimulated vagotation in no ordinary degroe，as witness the records in our oolumns．If now frost set in，tho chances are that such new growth will लuffer matenally， Fortunately thas gruwth has been only partial． Another point of pract．cal mportance that has been well ascertamed，aliko by the fracteger and the man of scrence， 18 that the clisastrous etlerts of frost dopend very much indeed on the rapulaty Wht which thaming tukes plice．Some plants may be thoroughly frozen，so that their sap becomes wholly converted into ico ，and $\mathrm{y}+\mathrm{t}$ if thawing occur ghatually they may recoror， Bad be 100 on the wrorse for the mongelation On tho other hand，thoso wry blites all iwed or foreed by cascutnatances to thaw rapadly，die boyund hope of reavery．（snardmers hafe long recogrmed these facts，and，so far at the $y$ have been able，haye acted on them．Iut the ques－ thon remains，What is the cause of thas difersity of action ${ }^{2}-\mathrm{B}$ question not fully to be answered， though we can do so to a considerable extent，

## hancs to tha experments

The general result of to show that froat does ase exjermonts god split or tear the colls of which th ；，： up．They aro too 11．t．e 1 1．．4t 1 1 frost ever lue possible frost ofer be possible：it la in han ！ seems probablo that frost causes some mare subtlo altoration in the arrangerront of the atoms of which those cells consist．To put the chis us smply as possiblo，we may state that the cella aforesaid are so many bladdars of a mombrane allied to starch in chomical consti－ tution，and lued with a thick albumment thad which forms a sort of interior l：img to tho bladder，and wheh itself onclosa＊＂Atery
 fluids，under certain conditions，yet offin fomet ance to any passage of fludis into or ont $1 \quad 1 \mathrm{~L}, 1.1$ if thoge conditions be not compliod with．thes， wo soe colls contraining coloured juicos in juxta－ position with others with colourless juice，and
 or poisonons matters atored up in one cell，when ita raxt door neighbour may bo（fififi dun＇t ito of them．But when 11, st $c \cdot 11 s, s$, and
aucceaded by a rapy thew，thir it succeeded by a raphd thaw，thir it．
things is altored，filtration of tho conth1． the cells through their walls takes plar．1． coloured juices minglo with tho colourle
the im ecular structure of the coll－w
－Itcred that thoy becomo porous i ，？ crystallsation takes place in the covering of the coll，ats watery clements an parato from it．e sumb atoms，ald then Iatter beoomo aggregated into musser，learing intorrpaces or pores betwoct thesm，thrungh what the lis oud coutent．of the ＂ 11 I Ls ，wat $1 \times 3$ y the flabby oozing condition of leaves and othor soft parts of plants whon thawod rapidy．If the than tako placo graluelly
 of things being recumed；but if the thaw in
 allow of the resamption of the old ways．Thu seems a plausible explanation of wall－known is not the whole trath，because it affords no explenation of the case of the Mosses already alluded to，zeither does it satisfactorly account for the fact that a plant whioh will survive one frost and one thap，even if tolerably rapid，will neverthelees succumb shortly after to a frost of less intensity．

## —THE following particulars relating to the I Tres

 burk wh be of interest to thase who propose to any reduction goode tarlif，but it jsexpected that tho Belgian autho ribies will be more liberal in these matters．Furthar paptaculars as to tho arrangements to be maje an Bolinum will bo green hereafter Thie Horticultural Society of Russia atates that raitwny transit 18 the only relable mothod of transport，as the ses－ parriage 15 uncertain，on mooount of the block－1ee from lako Larlogn，whioh，even till the middle of May，often lars the Bay of Bt．Peterabrurg．At the burder piatrons（Wirbalion sand Gramzep of tho
 exhbition are mimmatately trankentiled，and olso 10
 t．on and Congress． 111 nbracts ndidresset to tho ＂Internationale Ausete，Ahig Fnic（inconntindem afis Gatenvaues inst．Petershure，＇ 1 w．．be I rwarices to the place of extite tion watho it he．nt opened on tho
 must bo in St．Pecersbury by the 1 titl of I Iy beranse the Prize Committeo risconbles on the 10th，the diy brfore the openag．Plants sariving in bud mhll bo carted to a sepecal house to bring them into flower for the ghow．All foreign quests will be recaived at the railway stations ia St Petorsburg by membara of the ＂Commission ior the lecentoni of Cutsts＂by whom sll necenary information rospecting lodgings，\＆at，witl be commuryicated．Any of the forergo vistars who may wist to secure apartments beforehand，catu c．lher wish to secure apartments beforeand der Inter nat onalen $A$ usstritutig wor（regeict nden dest Fartert－

 about the game as jo othor large $r$ t w fir t e same


 sonal casis untititag themselves and there efocts ta the eduction in fares that will be contedinal in the bohalf Besides the medaic whi hire oifered thety of programme，the hetersburg has resolved to give others，bearigk the



##  <br> 



 Sube puatinis of the piants at the netural onder of









 of thees mitans, and ali enedl now wheli were











 Tmal ifi -1 if tion latiogzing, lis large treas of

 unel lanter fort arl tin mel uza of hitwly hitn ranerit.int it twe: itmit bu letrat buned under the 1stich The Latrlatithatiand ton all of them wem lowt - limut mame and revirda of there origo The were miservitir? Was thim wals plats otructure that











 - He have the io innti mecultivate-1







 buternts $\rightarrow$ ht














Wh.le rival des'rev are 1 arartatiag ar ma io With etatementit that the ra se the ferat (im na no

 ans rijened in f reand We are hafortued that
 thant in the thake of NEThisurite isis tropan $t$ magy Jir 31.n-y it at an ant meritize of the
 the baw a fra, fert h, onl haritix on to trunk near
 year on the toltancin wari frit hav naver been
 fulg rige bet it is Dainfthriess waction longe, and it may herespe toll to. in rozen in lengith, wi that in poist
 plant io handame but the fliwefx, which etaerse from





timm bere it ont nom the curlout grublemy to molre at



 roturalene as to the efferta, if this nem manure on th meesuber of the wexetable binglom Wrknuw thet



 fingering laye for the forth.dith froit, and then thate in kres the pledze, rultivated thetr (rabhere werire
 tint tone we lase hean of the plan, thuoub we have


## New Plants.



|  <br>  <br>  <br>  <br>  <br>  <br>  <br>  AIt |
| :---: |

The leates of thas habrid are i sulate, marh nermwer ( r.ligemma tridentete itur, brueder tian thooe a $n$ (" harbatum. cioms biatealike tullie cords mazked with numeroun tevellated lark kreeri herat quite markinse, on in ( bartatum The pelathele guite that of t rilimem The hrart is that of the the lengts of be opicous. theath-alae, hus only half of

 With shorer in that of i' barbituri, but it is moremed






 arr I


 between thous abore Theo orginn ere intermedisto bristlen tuow of both paresth, but if ons oreranedithe ypropedium the mafrim they atand beteret to the the

 bromatipe nf dalat grmen heqn ard there broma ipole on both ades of thel mb brither dart








 1t et
th जnit armara fot

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 by quarh entatit I lis





 t wan lir 11urrie of fivisenerbr the mater of bybr I , fixtir.



 /f J $G K$ 体 1

 be weuld hata jilta 11 . Hrren in tru* nimartaman, but imatia? ? th,st, bo a transparelat falistilitrain if in ou! a tite $\alpha$ d

 prealima Mlr whemarir lime, ant that
 1 nesat l mier 11 it




 uso, and tor hruser ition 2 and P + retiont that thay forel h lane
 example, ovr lbarid Thothem -





 corry fir itaflermarila
the rara, an mit it
 tol ling fant m, di flers ats

d. What the det. afficy wona, ota Nif N $x$.



Thereswinn i
Thas in tha antent of 11 r M! era pramer at riten the felfum uf hotte mi ...al at later
 Mr Milar produne




 Thup proud beczuse hoknew,
 and hates it matrucr: lime
 3 Hentur witu at.n frof that whan, rive hatin $\times 2$ maly aboun the



 d bordeno beetiss 12 lia* betrotie stivon bave netro adematrik atwh ite trat seneat at welherk penwres, on Git is whmpster, that in pot wring huncu.th and water handy, tur uet sat 1 , arragn Mr Westland for the the K neshop arrangement when be Uut $\mathrm{Ir}_{\text {it }}$ a heaper and hetter plan we masnan n.ty in cuntroseray, but Th hat ife h.ngston plan hast beep korkl


 arghti i lie says that "I and hir "that our arguments are confictípg,

 fruth, is, ard boandous argument, and mo
 Lrat $n=$ of Yine-borders" om tha nith plan

 b F . m Mr Mr Milet ihe adrantage of his own tho coupplitation of erils uixitely placed or remonge the bealipg pipes from cuderan thit bit wil catis det, dedt) mrong
 wers ! s y iter or spring furt nig is a goul, cupor that fact, We invite Mr, Muler to prove
 - 1 mi. h Mr Miller mould fan tack

 re never shura realls first-rate Grapes in hang even lin axh hey mey hase elopploged
ary it ia beltor If I and ing frecsi tway buit iriotice
lag witil the poet

## 

udetnneyl srapes, Lady Dorne'n. Alicante, and nume [ can only kay 1 hate never yet

 entar ally the fortarm, as it will he peen two ina Fkht-abult, and will ford no
 Tirapes in weil as any man in
sitrbed the Groa Gublisume on Wiok rigne and Worke every day after-
det the te.. Mr Miller that all noblemen and arurnt "ath wimen, The proprictors of at ther ftrutt wall not be shom and beare,
 to "Interniativnal Could I have presaled that ellibhtion, but he rowed not brat arre in 11 is evident that, 20 Mr Miller'
of truit grominy. thero it an truth except Te much contiction through exbibition



## 

Is the month of June, wis. I recerpant from Ham-Luer-un.th a $V$ ne leat morerd wi $h$ mante gall-lke


 axammeticin of theso objemts sonn revealed the fact Last the exacrescruces were gall| of a perular chapacter
 nas for nals apelet on it- ulpur arlace -that tion

 the egge were lhowe of the perfent insect alself, what had formed tir Rall in wh is at had enclosed theelf as in a liwag lomb, and that the perfect "Arari" were


 doubtlew in n nized, ahin wi.. it wruld hare ellabied ine
 other melm-conplete ohserfaboos, the matter Fenuaned Doub , hed tims per fo
In the autatun of this, and dunge the part jear any atteltion lins, however, been whral t mes directed
 of itamelicf inn mott uil onked- for tuanner, kitom not

 caves infested. an the maner shove-nientioned, but have hal partionn af the ront of hides selth that rous
 aucked bonernglens lusech dutnonish from thon of the matls on the leaver. From Choshire I rocesved in Soplember


## BITTMON-HOLE BOUUIETM -NO I

$\Delta$ 是 there are comparatively lew liowets wh ch whl lise long mithout waire, it in a kreat advantang to be growided with a klane iube. if proper aze I barre used
 he mont generaliry usefal 14 it il long, and of a
fittened-round form, the greater dameter boing
 three-sixteentlis. These are the inade mencurpments Tubes are ofen ald with a hooked tin atiached to the oritice, so that the tubr, wits its bouquiet, nuny be pinned or hooled on to the brenst of the orat. 1 do pot like this plan. It is unsare, and the tube oupht not to be seen; the flowers only should appear. With an overcont, of one made of any thtok material, the tabe alioud pass through s nent'y-made button-hule in the uif wef surface of the lappet, and ro down between the thy surfaces y butha a coat maue of thue cluth, yuch as a dressecoash it is better to have the button-hole made tarough both surfaces, and let the tube drop into a litio fob of black ailik alieched to the back of the lapme
remove at pieo of Coromilla klanes in blonm, and om an the lenves ; behind the hoed of 5plow towers pat two blooms of veapolitan violeth, whel should alpear somewhat above ats Coromilla, below und rather tn frost of the Coronith, plene two Soom drops, and betreen them one rood flower of th Hassinn tiolet, etther single or dnuble. IIaving tiod theese a.l wigesher. fimils the bott fuet by fastontag brhind at one smati eaf i the kose-sconted Gerantum known aloo as the (oak-leated ieramum. For tyide asp butlon bure bowquets there is noth.ng bester than very tine roppler $m . r e$ That mitit I use is of the nixe nhablanled w, reengnaee when I mention Taylor's fers an threal in an It 18 tery atrong, and mank no fanten ng of beyotif pass.ng the end between imno the stalks to ser ure it 1 keep in my precket-bmik momature bank of about dozen meces, paiti elight of mane thithes loug, nue feece of wire bat uften lasted far anveral tecks The double Azies andus is a mice thag for button holes. It mag be combaned mith surwdrops, or with capoltan folets, of with both, Double Ch, nese Primposes with the natura leaf, malt very neat bution-hole trouquets see p 111 EDs

## Corl ORCHEm

 Guatemain, and Blexke, sad other bot tropical remona The a annual kemperature, pasees close aona he aoribern cone, by ihear gemgraphical position, subjected to a vers
 high temjeralure in ionta their olovaiod reqions afford a widely different dimato.

Vast mountian chsing, which obenpy large portion \& the whole. nse far into the regions of oternal ice and snow; on the slopea of thase, and on the inmatam

 of heat and cold that occur in Einglend. in the rast



Corests aud tumad ravines of thew mowntan regrons
 Eutopes in very limiterl quatitithes，batisas a rule，they Were at oned arjected to $a \rightarrow$ ，we ant still no heat
 reaty front the ehluly shopes of a snowy warra，or fropa a hat justre，it
They liad beea dragaed down from ticele mool mount tain hames，and cooted wr an it brax if $r$ ans or githet
 they nust pass to re ach us，aza therofore hes，cor ra－ and hence bota raro aud exuristre．（Jherw，＂ear es？ less chareal ins travel wetl，uzat are now to be yad at far lower prices than formerly．bane of the finest of the New Grebada Odontogionsums and Oumduns oceur 10 distrus is that are lab．e to extrebse onld，and may yet be fuand hardy ennigh to statud the winter in
 Het arer work，that he niet with an Orthd soo foe above a vilage where the nuaw Was lying Gibebes that，an tha thermumeter Indianed of frose and tat catcieta labtata and suphronhis pranditora have bersund hateqnesily with tae hant－lrost upor them，and the grand Lads majans，til Uexieo，is sad to bear several degrees of rost．I myse，is have meen sucles baving abuudastly withina few haches uf Epludendrum vitelinuin，winw＂as pazed in a nook or rockwork Was in no way injured，agd grew lusly the following sumber
There is every reason to believe that many，and perbape most，of the Orchnds From Brazil，Mexico australim，will bear a temperation alose upon the feezing wold without iojury，not that I resommerd this to be tred any more then I should with a Cinorarim，but I am alisfied that e greenhouse tempara－ Cure，which is never slowed to foll mach below $40^{\circ}$ ， 15 not onfy mbundenty lunffieient for them but jikely＇to indinoe a far more vigurous prowth and abundapt bloom than the wius warmatit of Oruluddaouses in wonter． fisve oonsequebtly plaoed a jarge porhon of my collec－ tion in boudes where the winter temperature fulla to from $35^{\circ}$ to $45^{\circ}$ ，werocintiak them，in fact，with greed－ house planke that they will base thas，and in many abtances even more，iz certan．Catheya Mossise and deep shady recess for s．x weeks after the frost had cut off maniy thrags in adjacent grown 3 m，and they wero only taken in alter the thermone＇er bid registered $291^{\circ}$ This temperature severely mpareit or．e of the yousig rowna out－of dosps．Seven degrees $-f$ frost the winter before last kilied Odontoglosium grande；while $3 \mathrm{r}^{\circ} \mathrm{of}$ rost but ¢ery sigghtly epouted ita leaves It destruged In the si xl te＇st degree the glorimus Lic in superbiens all of wa th mere side by sido out－of－doors，ene Conelder if Cattleya Mosido mill bear this，all Cattleyus mid，except Cattleya suplerba，as with this Cxbeption they coms from cooler districts than Cattleys Mossiae．It must however be borae 10 mand that an Onctid wintered in a Farm bones（ $\left(60^{\circ}\right.$ to $\left.70^{\circ}\right)$ will scarcely stsr，if placed out－of－doors or in a rrean－ be $80^{\circ}$ in the shade durine the dias，they will bave second reat the conlmesa of tho nty at temparature ged ree ciroulation of alz more than nputranse thie b．th montemperature Plants so treated will reat ior to grow in nutumn when the sleep，oser，even with the thermometer at $40^{\circ}$ to $50^{\circ}$ Thos，I thuk denary proves that to get it fres and vigorous summer krowth in a preenhouse，or out－of－dours，the phata must be wintered at a proporthodate $y$ lower tempera－ rooently iraported ones to this wholesome digarglse because the grant heat of the royige，s．c．，often shmu－ lates sn untimely growth，which ceenet be checked sererely without endangersag the plasti，It mazt，how－ ever，be amod at as far as prosible：and not bull this 15 doud Ebal we kee an many of our finestispenes the hort 暗ff leathery feaves，and rich purple－tinted btems， heaithaly we ind in the imported sperimens， We have yet to learn that mere sizo is not the man－ dard of excellence in an Orohid＇s stom or bulb，any There afe catile．Orchids which will bear green－ house treatment when the merthe bare bell matured during the enmmer in a coal and air situation，which would rot directly if placed in a green－ bouse when thas have been krown in a molst and cioge able to mith temperature of ro to so We may be we shall poon find that thes havo zery anferent but tutions．As a rale，wh．le these plants are groming freely they should have abuadant supplies of water Odon－ toglossums should never have the soil ary，but they tre nir th constant motion．and a bricht sunay fully shaded from direct summer thoy shanid be lare－ strmosphere should be mastained，contsined with
 temperature shoutd be $15^{\circ}$ 㘯 $20^{\circ}$ lower thn chegt temperature so es to caver the plaper han the day minter and eqpecialty when in theme low，little or ao water thould be given，and the atery phere should be leptas dpy as give，ay the atino phere stould be kept as dry as possible．Tho pseudo－ plump and trell－matured tha plump and wel－raalured，che pants．require no the minter，als wif be danterous．Whate at rest dumps

 in the sbade
Where Orclads are erown on blocks of wood，the roots shnu d bp covered ，Ightly with Sphagnume or any Prath green 3 sisis freo from insects，beh ad which a firmiv scoured whould be eprinkled，the whote bema in pots，the pots should be filied to two－thtrds of their dephis sith brokon cimps，above thich a mixture of hopped Sphagnum and fibrous peat shoul be phat， irmly pressed，and ra cel in tate form of a cone above the rim of the pot，waing the plant oo the top，the pints anly boing buricd 1 in the Moss．Fsaft Areher， Holt，IF Urcester $\qquad$
BOTANICAL DRAWING．－NO．IIT
Leaver in Perapectine－Lenves have been subjected to more bad treatenent by the draughtsman than perhspsany other portion of the vegetable kingdom． ibey hase boon represented，or rather masrepresented，

in all kinds of impossible postions，Numerous are the tortirres to which they heve been subjected dislo antod or broken ribe，curfous twista，painful to behold－ vea tberr wratched vens bave not escaped；and all these errors in perspective arsse from inattention to

the simple fact，that in curved leaf，showng th under side，the madrib should be continuous，and the venss should spang from the midrib．＇l＇he simple wa o avoid perparrating guch vaparies，is to treat a lee sif it wera steletonised，and I would recommend seletonised leaves as acmirable anbjeats to illustrote heir own perspective．A little study of them in this tata would be beneficial to those who see wont to tals nvarrantable jitertiea with thetr when rejoicup heir summer garment of green，which vells their urious andomy．
In reprasenting leaves in perspective，then，the firat sint outhine mill be found of the greatest service，and mere akelotomsed ases should bo treated as if they tae curved portion of the leaf．Here I may impro
upor the risuler th
formed by tho telbs with the watlo
distances apart，the r in atness or J ，them
also useful in draw rif for
sent a leaf cut across，to oh wh whe the prome
is chteffy destrable when it is leateotom

## The ots in the preceaiag columa will in

Little nore need be sard about akctch
that the leaves themsowes are the best
them there are no errors in perspect re
PINE－APPLE CLLTUR Cuting Dows．
As the remarks of Mr Barnes，of Bun mint out the fant that he hinneif mint out the fant that he humand been in the labit of grawing became oid，long－shatked＂object，hanc them down in ordor to make them frajt presumption in me，or perbapls a any other presume I can btate that the practice I have rito guidance of others is not exactly lie＂ond cutting over＂＂old lontstemped $P_{\text {rae }}$ po
supposeg．What I lave supposes．What I lase fin met mes dope
been in the case of l＇mes thist bad bree suckers，say，for illustralion in Septemb started into fruit in January，1809，and to even younger plants．In the case of fom sometrmes found that a fem pants mis anto frult along with the rest，and natedr and alloring these to grove on，I hase ea at the surface of the soll sad repolted th fruit almost immediately，and swel，रem in time to form a rear－gitard to the genemus I can heartily sympathise with Wr．lisorl tion of the dikrouty of growing ind for those in which I gree Archerfeld for 101 years，tho to hull ereoted long before Mr．Barnes was bor flat in the roof，drippri，several of them beationg power，and behind an whll whith geremed them from the qua for three $\pi$ year．In the spriog of $18 \sigma^{*}$ one of lium Btructed with evary modam anolisme wa Ghus that nucors potted in sugat 10 F Tipe fruit last September．So that Mr B anfidious aupposition thst a old，longhont Fere the order of things in my cass，mayb Simpsoon，of Wortley Hasl，who hat readtr the matter in the pages of the Gandener Idsy bound to defeud himself from mism and I am sure that when hr Barses ciwes oldoworld growers be netither mitenar jong－steramed plants 18 of 0.1 chough Pine grower know，but it may bed outhog bown of young prants shouis incompetents But those who have to gut pare pants Lor fruting in and End than Mr Barnest lo find that now and then plants tuat hare time comes round，especialiy if that thmer the prompt remedy of cuttid ${ }^{\prime}$－down them them，and brings them ，into frult belot of the tog of Mr Barnes＇boyhood． I am much obliged to Mr．Barnes to tuaity of representing the practice I ha ite proper light，especiaily as for oan lay he base a rigit to do．Daved Thamon ha bas er
Gardenst

弱omt（entrsporuction

## Apple Bto

appourec under give your readers a fit of brain s to give your readers brought on by novel．The subject in dispararing Appil To in Englend possessed and so oremp to Chose used in France，and somitre on decided that the Appe trees on stacks placed bofore them were roo the ferthle．To those who looked ords robid h Was more applarent than the hardisls Eos They were studded with fine plump ready to burst with exuberauce or in theit contrast to these trees，Da ramo stock，Doipl 15 inches hyh，crowded wilh fertity removed once，and he seeng a portion of the labour of a on In your namber for January z，under present day From my close ricace I am aware that I have
 of＂A，＂＂ $1 B_{1}^{, 1}$ and＂$C$ ．＂remindiok Beurre Diel pear．The Scte bubjact ${ }^{3}$ was alive and is dead
be saud．I mey，howerer，slude

난․ 2
 1 ef Jontly heter th ught








I Well knon, I sha the lenst, much mire




 actlonts, and a travesty of linisins
 ances in gharwher, hal oat nemitite un



 mena whi praonaht
















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 ancef.

 amaran! br itm angatest rub. It may produc" on ?









 from sead this segson. Whadabamic \& Eingsbury, Bevais and interesting sot whiof has oome tinder our obserfis




 White and purputh hiw Al harn itimp prom neat




 fisite of the nwon, emerol with larke, briktat red
 ayur rewlers In itse appitig I raver the malo p.ink, prerent time wisi an! ra a from deste is ont the



## 

 a. in ara andithal















 immotse one to the marken Brawer, the gardener,


 l.phy apprex.ated by others, frum the emal, firijen whare a it ten insy aubioe, to the lerge one where
lovo fany bo wed, and they aro found ot usful in propsentug ta in the open aronen at may be






## 






 fas hat a m ont h intrei in aldation to itt more sutabio fot zardening parposes then the tery




 and 16 tashes hich. Perte on the phonle to the dearest mericet ia the world, and it is most likelg that if elarne trade were carried on in the matter our own makers of ooarse giese vould be shlo to do them almant or nesily


 that if a for intolligent pratical pardeners from eanh galeds uader theme clochet in spring the culture











 equal the Prench in this respeot, it must uot be by employing our orobard-honsea to grow one saleds ja. Ot corares thom in presection of is h, atal with welltichled bonder to pres int theun, may plant them to
 atojects. It would be for wiser to adise the gardionar watidnt mis mapm of wanter and ipring elads to
 the Lettucas tre benefited by plonty of lesht not to - sk of facisties for formardigg tatem when dealinble. [ . trus why to judge of the mattor, is to suppow orchard-houses, corabdermg botin as to thair otpatition for calad-growiny, of conrae. if Lobanor.

Farent Appointmentr in Indis-I beg to coll uthon.
 manguges of forests is Indis Profigrency is rearired it sll those subjeoks which woold chatacterise a mood स








 me tat ary questionable map, and ons opea to much


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 ay opinion, that thaterer the prufesait beipreas tais from thetr chairt, I should not beafrad to com
pare to ！





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## Elocieties

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\section*{ <br> | Prootpts at tbe matea－ |  |  |
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| 31. | $\cdots$ | 1. |
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| Sth． | － | 1 |
| 6 th |  | 13 |
| －+ h． |  | 1. | <br> $=$

}
 the ahctr．Mr．V．Bud whibleed woms apectment of the dark colour，whiloh had boers romed during the puat rume and
ark colour，Whiloh had been round during the polat ruman


 Mr regtua；and MF．W．C．Boged a mocond phecim $n$



 vartous atruetires，amongnt whleh wan the neat of tho eminlleat
 womat A lobata．Mr Danoint exbibila


苗 Eaton sent a popd ob tho ntruoture of the oripoditor of fomite



## Tht Atplary

， $8 \square=-2$ －－＝＝－
$\square-z=2$
 $\longrightarrow \begin{array}{ll}\longrightarrow \\ \rightarrow\end{array}$

Bnt that it does not neop－
ditions．I hove stent $f$ a thind brood of all pgos，soaled ard unsended，lof Whood mide a healthy colony were thoroaghly




## Garden Memornod．


 able Diphazum，alroudy mentioned，five specimens of several Dareas and another extroordiaary plant of



 $=1 \stackrel{1}{\square}+1$
 $\because \cdot \ln ^{11} \cdot \ldots$

 dium nurauma a littie beyond．On anothor ovardingla there lientithy plants of Cypripeditum 1051gno and ve．





 A．

$\qquad$
$\qquad$


 $\pi$ th il









 ita spray upamongat the overhanging fronds of the noble
 to ．Joy tha spray Which falls upon them smaziugly ir the adge of tha walk，sud slandiag on san iaverte
 gerons，itad had about gitane：！！．．．








soparates the cool from the tropical department，＂

netural arransemonts more satisfactory thun Litist＋Yet ar．Headel eontemplates a much arander eflect，and 5.1


















 $45=-0-0$










 Wolof：tho shise at tha luritimi，ent filomet a whal a l ne northwar！，in trior io irian raver a 690












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 margient eand meth pienture sh！enjoy ment would be












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## Miscellaneous


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[^4]Gatden optratons.

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 benelicial, Ead aught bo readly mppljed by runoing 5n-at \&

## E:i. be

venties of exat. monta, mither of theme in furnan









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Remin it
nemer var,

 eiblee in the dintiactomso of ther mathonge of th vivileen of their maurime I'repare the nmoutary
 ta. ont 4 tella!

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 Whi be civimble to frefiare a suth eni y of fermet ttog material wa makn batber which is dyoe by quickT 1 anch orer into one heng throuth for the purpose of sweetabing 1t, to that no myury will his. phe cuttintos whea placod theron, by the er st n if erome ruit steam, which would certainly be the caso operly propare

 bus ciket plaw, let it be remedisd at the earitett oppor-
 date. 1 would repeat what $I$ hafe wh frequethy and





























 dre ples is equalif to be guarded agitust, Sucoemsiona
 forwand very gradually a he thanuer io thow what


 that, than to pash them on too ju, in's f P the jurpece





## of air upon every posssble occns









 somp, dar, , wa all usejul for this purpose. A sood strong thrto gallons of etrong soap-suds, goout 1 lb . of fower of a - hur with a surinent lankity of Yme and woit




 ther fromit lurri asis tre rrut if modentely frepes at the fint ot wall (fritit treen, which are of
 near to the ourtan as to rerave ingury ho domg Will tend in lexments the gurfare-trodden woll, asd ref1en at

EITCHESN GAT:

 relenave then min, of tin the hiatt of nther parts uf ads
 innts when are the damp when in that cate would be neceseary, sttendent of the former fot zos may impet Tiry generalls f.inted in frames or pit. Wh.ch


 rery carefulis into the soll, mithout, if posissle.


 good strong pants when the time errives to plant good stron
out. $W . E$.

## 

 of Fiebruary, that reana will bo pound the heat for Planisng trees and abruths in towns, es thay are not bo


 *s. ppecimens may be seen in the very heast of the



 the Kiyal Saves thapel kroan ta A.lant se glan-
 wrinnt witution. Almonds, the awret and tha bitter


 then in imet ofe in the country, is to be seen io the garilen 1rras: Inds, anif to have been plantad by Sir Mar them







 watuled bat atinslit to platiled with the balasm





 Ma, bery will grow ith eny witustur The lime tree dow well fos a fev yare. Thuras, moat of the varcities
do well in mafiners peritinter
 dandard trics, and ohound be planted either at the
 decifind niruth then fillowink will be found to shamer tan filyat in siew if they laze the required attention

 Hezcre pens an is the best blimmer Guelder to Hezereod, R1bes magumesm, Viburnum Lankana of


## Notices to Corroapondent


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Lavemal mater



SUTTONS' GRASS SEEDS
FOR ALL SOILS,
4RMAGE FREE
1 altIE MFDLL for RXCRLLENCB of QUALI'Y,


PARIS, 1867.

## SUTTONS

IITURES of PERMANENT PABTURE ORASS and CLOVER SEEDS,
hax.ag abundiant Crops of $\mathrm{H}_{\mathrm{n}} \mathrm{y}$ and supenior mene, for the following descruptiona of Sols -

GIIFF GLAY solLs, to be met with in the


 Carsingo íres.

FIMPI LOAMS, of the same Formations, when ETus5 Emis yIXTUIE for those Eoits, 28f, to 12a, par bare Thuss wat Yixitures for theso Solis, wors to yar. per bere. Curtiago frce.

GOOD YRDIUXX LOAMS, on the Marls of the old G min Ind sandtione, tha Gzalt, and the Gromempde,
 Caringe frem

LCET SANDY SOLLS, on New Redi Sandstone



 Curlige frec.

Satap GRaveLLY SOILS, such as te Fint Shut Dim wbich owebliondr so much of the Sonthert rmuse Best

 cartiske free.
(ELLTY $807 \mathrm{~S}, \mathrm{~S}$, es the Mountann Limestone, the

 Currine treat.

SGEEP DOWNS.-The Elevuted and more Exposed


CoIS MXTU Cortaka froe

MEADOWS, and all Land upder

Moss ourid mixyores ron mbors, sa, to jir. per acre Curgiss ita
7mys "ORTSTAL PALACE" MTXTURE for
 $2 \frac{1}{2}$ buthels par nere
ylxtores
SEEVS for
Pary, Las, best quahter, 13 e
That Lay lestquahty, 13 e $6 d$, per acre.
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Second qualitiea cheaper.
Fioler ITAROVATING MIXTURE for the above Mow horm in the eurif in the spring to produce a 4. lb per tore. Price $8 d$, per lb lb .

Anelel on me. Price $9 d$, per lb.
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中n morn allowa for acen paymunto.

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The advantages of procuring Seeds direct from the Growers cannot be over-estimated. Anich oan+erib

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 MATGExaticawD Sityerina Tho PrinelpaI The NEXT SESSIOY omamencen febriary s. For Forma of


The agritultural Gatette.
SATURDAY, JANUARY 30, 1869.

Fra.
Londoo
 Norch of Emalend (Koent Tayntloa).
 froctulphicultaral Boctety of Engiand-Noun-



Ofe corraspondents hape once more brought the Sewhae Question prominently before our readers, The season of growth is approaching, and the manure of the farmis again the leading agricaltural eubject. Is it not atrange that one of the most ebmodent sources of fertilhsing matter ahould have been so long neglected-that the house-waste of London, which used to be imperfectly removed, with immenga labour, by horse and cart a fow miles outwerds to the marinet gardens, should not, now that it is in a form to carry itself, be greedily appropriated?
Travellers by rail continually see long trains of atabledang leaving Londom. It has boen collected in yards, carted to the terminus, transloaded into trucks, it has yet to be steam-drawn to a distant station, transforred to the farmera' carts, horse-drewn to a distant field, thrown out in heaps, sobttered with the fork and covered by the plough. Moreover, it cost a good deal to begin with. This is the waste derived from feeding merely upon hey, and straw, and Oats, and Beans, and Clover; and notwithatanding all its cost, the process pays. Louk now at what becomes of the waste-more valuable, one cannot help supposing-of feedrag upon beef and bread and regetables. It is got for nothing, it carnes itself, it distributes itself, it bures itself. From every house it drains through sewern, gradually oollecting 10 to one, and the lnbourer on the farm just lifte a shde or hutch and forthwith it aproads itself over the surface of the sot, where the hungry plants are waiting for it, and through tho eubstance of the Boil, where thoir roots are ready to absorb it. Of course there are costs between the outfall sexer of the town and the reoeiving gutter on the farm, but the teanat know nothing of them. He marely pays a sam Which in relation to the value of whst he gote in pretty mach the same as the two shillinga or half-a-crown which he parg at the town stable for the load of dung which he collecta at mah expense ; and the sum he is called upon to pay in quite enough to replace the costs of delnyers to his land.
What does he get for his money? He gets tho. Whole growth-Tasto of the best fed animals in tho world. What is the principal advantage of the sheepfold as compared with ordinary farmyard dung? -aimply this, that the hquid and solid excroment ate put upon the lend, wherers the manure of the ox or horse is wasted in yards and heepps, and drained of ita liquid part bofore it leaves the building. Town aewage contains the whole of the liquid and the solnd parts of what we call growth-waste-the growth-waste, too, of an enimal that is better fed, ind that is more watofur of itm food then any
theragumbl brawn to atricultate What，agan，












 to plant and miarhevous to manh，it ulta－ mately finds ite way，a clear f̧allucul contribut－ tion，the tho atrearn whech formorslit funter？The roots gre fod with is litth effort as the lempe－ Curronta of air abosm the sust，and of water undertirath，carry on ther proustives on wherh tha living platit depends for growth，withe all the


Ant jot whly wh thataluha，the tilthy part of town Iramane thay extactell and mainh harm．





 ara spreading uptsirla，rontu aro mwidhtim
 built up，characteristie jutsen，emumbers






 that whle throughent the ymar wn havo an afi－ calture the great nomenty for the masance which

 the whole of the lugud waste of tawiny inaty lu converted into milk，the purost nad completest form of food，anil returnad month by month to the perple to whom it j roperly trolonge．
It all thes a riapen ph tiere of the imagenation
On the contrary，it in a mubutantu mal truat－
 trupactaris gaty ronlodenty phamel，cist of may be bult．No slotat the great majority tall sre sloubters，athough aven thoy mu＊t ups oonstueration bo puazied to juantify there inctu dulity．Hitherto they hava them rable to take refinge in the reply that thu thung has wat an bem moftably fone lat that in fite the the

 Company for the meenns of irrigating their land and unnther draught like thati of last year would mako tewage farturys of thern all，

Oil tha drolge Farm，ateording to the roport of the Hon．11．W．Pereen horvitketpery met at
 graw Whent wid Onte，sal liso om giavelly
 only two thooding wath wowaga，zelidod ith， and if quartera per acte mapqocturely last ye＇ri
 tog，hava all welhmi sory hoavy copm，fel with
 wold for lsot．，ont witually leaty then $1 \frac{1}{2}$ a．to adi Italuan I Iye－grasn，though，taknis from old plote，it．yielded lens satisfactoraly than it hand done in $18 B^{\circ}$ ，ynt hati pmolucer R日， ：int of firase off 50 arres beforet enthammer．At the

 yielided last year 1－1．ax wirth af liotatos，atil
 both hasugg beran them timen wewagge－the total cogt of cultiratwon，hatrvestag，atel dic－ poral of the crop hasang been it 1.5 s ，sel

And we have just heard of tho rosults of antamas catch ropas upon the Indge Faran， oken aince the maith produce of tho year had been hurrested White Turmpu，Botin on the
 on the getorina un deptamber ；for $11 /$ per acre the piribeser engagise to a lour the ground
 conber 24 for $20 t$ an acre．Cabhago woed sown on August 6 after Potatos，yiel led plants for tranoplanting on the farm，and the reat of the

 A1，hathey







 l＇Las mint int lometh romines us all that the ex，mithy wast of the mawage of cour townt is in mmonish atupadity

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 further speralation－With a armere anply of bmatts
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 the heery feeces thict sheep now cirry．
$\xrightarrow{-T}$ Tho progneed rating of mines，referred to by Agraculaure Aual urrrottiral surthas，aty will no doult bo hrouglit inder the attent an of ilie lrouse of Cornmma： daring thn enathat anan Mr fearionk，Jun of
 T．Tie linetiri，it



## TuF hat of livf ann＇h














 juas muentiond，together with thots of＇s of Northumberland，Who long manis nad others，were welt－known 的敨＂ 1 nem bred stork，in some conses wit


 tho followisg eptsode in the h larr of 4 cattio．Sotan romarks of Gabinel in in stouk ${ }^{\text {＂l }}$ led SIr．and Mrs．Collong to ridoover． that seme year．When they arrived， com if th yowr，When thay arived， nots
 II was Mr Kilat


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 Harn $=4$ M, M,


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 although the servied of the latter was rectiren to be avefuily organisod.
Id not, of course, intend that my remarks should
 ?at doth
 Norevood, Jan, 21, 18989

## 8TEAM CL htivition




 pulley or tniver eif jonat." That, toon, , is rixht, for in such


 while steam sis getting up." the of er Itt a
'Turs may appear all yery well upon pappr, and have nu dauht that "kli an arraz sement tam d
 Than krow that thase therige that put on arul take of







 p.us of throtheng ats liten it meght gn off to tho gall to the windacss, and pull it th annther field for











 for we Know all about that, and I know more-that








 changid it for ant h-hrorso bxiler with E [it hors

 done nus work will, and my a worluts th - ycar vian
 b ames of ridging and subsoulint, and the evat per acte



 of do with them, the oridence is cuncluasto upore

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 beat power for cultivatiog purpases.
(1,tr [Tjl, wht thist Intian remonstder my Curreat uril lic tima askane in "turnoter bis










 res aroxal oft of the taink, to be well cemented, to chteh water enough in the Finter, not reafin it forr a jrar's plollithing in the muddle of the four ftedde to be morks 1 ant that at at th



 quatatity, herefore I must have a lariger, and to som axtent, a more expensive one. At startiag (for the fifs 10 日eres done), toth all the ropg out, the thplethat mis ateragies on the ranl winld lue 8 gond



 Iraming tha own water from the taak therofor If two ather points anmewhet similar, oould ba flzod

 oul, at weun dellver the ancharg, sec, at thes proper points, End thus do oway with the need of horsed fo that purposa When the eumine had rothtng else to do. The thins is luxatila ${ }^{4}$ on my farm






 rether wit 1 hasw or kopt ther himself and if we are all to bs steam powerfarmers, we shand all want to hire at tre sime time
 Fer 15 yrats I tiave matiaged mith b has and thre dorsec, then by the mirghte of of a foromative all I could ob ber azyt would lio aboat rhe horm fur anag, fone horing same hiring arg allowed, bat the baris of tractere by the aloption of the fron hores shat hele nuthay, oluy whets bl work, and I will ave at if 1 can

 is tir tidna tiak I and Lome tie might be very




















 trilat be entifted ta the buthint uf the tod, and thit
 another along the h if in of nit lirlif, mind thus whit mysin a 1 then [ sha, , ra better off, for 1 whal


hervest or the dugg to the land must go inh hill，and down my bara end shed for the gate of pulling my that I sm not miking a theodless pase aremint the locomotive，indeed I am not，for il I could make
 in September，＂West Indian＂has nover hearil me grumble about that；on the other haza，he anows that I press on everybody tho necasity of orring on as
 can be dote by steam，bat is say that so long as weare obl ped to keep some horser to cart the corn as well as
drat it，and do the joh work on the farm，let them do the litute that 4 needed，for they can lo at better than steam can，bat of we ratr do all thas elpaper dy a locomotive let us do shthout noruez altheetber，but a rev．ew of what I havo writhen wall show tatat il
catanot，wintever otlaer peoplo nay do，for，accord－ IRg to＂Weat Injann＇e＂Euggestions，＇I must keep ot hire two horect，besides Feaping my poay ：and I do not soe my way clagr enough to seill my wiudlass and buy another larger to do s less daily work，to pull
down my bara and shed for the sake of pulling my
corn down hill when my dumg must be pulled up hil，to say nothing about wasting my land by cutting a netr road along tho bothom，white I havo got a publio roald nlome the top．Takian itul ja a．i，I dire not tave anjtuag to do wathito．Lict othery try if they like There are pleaty who thave got their land better situated for the task than I have．On a flit porm it cas be done，but whether it can outhal．

Me．Beocha does not undorstand land dranage at all， for as to when a drain shail run deponds ungo cir－ cumstanoes．On my flat land drains have been run－ nums four monthe on my hifl lands only two months， ming four monthe on mechitel us of drains that only eommenced and in Mechite on the suli of January．On my flat land ranoung on the Stis of January．On my flat land arl through last dry summer the water was mithin about four foet of the sturfece，on my hall iand we had wotl $\frac{a}{70}$ frop doep I should not have

Found any as that depth，for tho
tried the land to which Mr．Mechi rato the lond to which Mr．Me．Mechil rote
drains did not rua until the sth of not，but there is a good reasor why flat land should run before why my ith althougli they ere all put in at the die or this．As soon as the land on the flat in well T．th rain it 13 full to the denth of the wite
the drans beg．ot to runa but out the druns beg．${ }^{2}$ to rub，but on the b ．．Her Will go doss ${ }^{7} 0$ or more feet，and that bustal must be fult belore the draind cetar pere besides that，the top 4 Peat must be meturtar 70 feef at bottom can fill at all．What atanoes could bo，that the under－woil conld water until the 8th of Jsuusty in Mr ，Y I know not；but it must hasy gane beloo to drains，or they would have ruan befon January，William Smith，Wooloton，Bledth Buckg，Jan． 18.

BRIITSH AGRICULTURAL STATISTIOA，1867－1869．
［We continue the publication of tre oficial tables．］



THE ROYAL AGRICLLTURAL SOCIETY．

TEX improvements in prectical farming since 2887 have beean unparalleled．No donbt duriug the war poriod，in the firct 20 yairs of the century，the weallh $\frac{\text { of the country was greatly necreased by the melosures．}}{\text { We }}$ We have not been able to amulate our predecessors in that raspect，for the nimple reason that they anticipsted us，and left us only Bugstot Heath and some other very unpromising tryots that we certainly，have not had the courape to attack as yet．But in alt the details of husbandry we have mude great progress：We have Invested capital in many spinted undertnkings， hy means of which the revenne of the landed interes has been hapely increased，and the agricultural pro－
duation of the country，and the nationnl vealth，have rocerved s great addition，The Royal Agricultural dacieby，we arc glad to say，has had in homourabie shere in thesse transactions．It fis been clogely iden ified with the history of farmugg progress，Ihe litere ture thtit it has dillused by its Journal has，we hope been 8 估等 seed sown unon the maters，that will bear crit after many days．Prution 15 very slow in bome cases，and some seeds are wript ith so hard a husk that germination only takes place after the lapse of several seara！But the society sapacious，y adopted other mesans of disceminating knofledge．The meetinet $1^{\text {t }}$ has held in all parts of the country hare doane mare in the way of practical jostruction than the Journal colald possioly have affectod，even if it Eiditor for the last 30 years had been a second Arthur Foung．
Our convintion of the ultimato ard permunent good accomplishec oy well－directad ansiurbed by the rapia ettects of the Society＇s meetingt kind．The sblest on thourb to can do mot apecish infuence msy endure and may even incraan，cannot rouse the spirit of emulation and excite the observation and interest，so vividly，sa the practical instruction Hhach 18 recelved in the with ta tao showyard．Those high psies that erery year surrarid the scene of com． methon encose the muster－ground of the shrioultural fonces；most Eagigh rarmers，and many toraign ones， It is peodess to enturge on the advintages they must
have derived from witaessint this competitive stragale， peouliar to our own timas，in thich the rictor＇s prize is aremand for ozcallarice fo the results of grioultore adontry．
But tre are writiog of the past fsther than of the present and tulure．Thess axhibitions will not cease to be popular，but while equally smusing they have already pecome less inhtruotive．They have，to some artent，served their parjuse；they hare rewatded every－ thing that ingenuity tis devsed，and that onterprise and skil hape produced，bath in the farmyard and in the factory，they have bestomed a prize，or com－ mencation，on all sorts of 1 mprovements，and on many novelties that were not impropements，bit were regarded as such by sanguine uudees and purcheser質hose ruline ilea seemal to he that what was most modern must be best．Wo do not deny that some fingers bave been burnt at shotes through incaution and berag＂gredy of notro thangs．＂but on the phole ther practical utility has been very ereat Some people may have bought experience of pew imple meats and improped stock at s dat rate bit mpley more hsve mode their relections vith met out many gelves，especially when they have wsed ther own meat，without being ton mach biassed by the juag－ of those who have what may be called a piotsopt standerd，ealectiog mpiements not adapted to the rouch work of an Eaplish form，though verg suitable，parhaps，for
The field of invention
has been patl invention in mat exhansted，though it has been wall cropped，but if is no longer a tuggin soll ； ments protuce less in future，and the public require－ suped folis of the farmer may be sad to have supped foil of agracteraral ahowa；at any Thte，his Grst ituager is appeased．The Royal Agricultural soctery，therefore，mat mot reat ita clams to favour on a sighu，however atrachite，nhd however useful，withos certain rather narrow lumite，it may be．Its teaching mitist not bo confined to that of ashibiting and olnonding good modele．You mey look at g pir inedy，and in a proper frame of mand，Fith grent
opposite extratrities，snd dacided nhy hif tit oll－as it always does frome a prise piril cannot learn much mane by staring koon then
 deatally acquared by discussion，Whan Cogether from nil parts of the kinglom， ard sim of what an instructed mind wou ghould devate Itsolf more esmasil｜th supplying the higher Fants of intelliggens sea them the same deaifos．It has many of usefulness，but none half so mportan anne in which it doow Itsel，at prese for 1 oxcel or to sacceed． minch to the socelen；jusupplaed might almost add，a passing need． compare notes and to try conedusion The Soclety，pave them the opportua The work of the past thirty yenn espogulture，antly represents in bi progeditw，hive made，he is ant educt Member of Parlimant．Eis predeces Meatber of Parlament top pur farm af maphite，sad knooksd up our trasaut village for

## Athine

At that rube of developinguling one day to bee wise men culut But by that time other people whi， for．It is unfortungta that no asanot 13 Luforvunsw rehe recent past of Whitor of the Jauras！， acknowledged to be shorint of tue ablo to teach，must，We

## ayourable impression．

 genthamen who have made this wilip guarantee of therr goor intantions the power to do gool are pota oply


Whent has yielded wree yeara on welt drained land arative It ord well ind the prica has been remu nerrative. It is this, and this alone, which has enabled Whent romained at 4s Gd or for a bustrol wn ha 4 , Mr. Mecta is by no menus the profits of lipitrpe Mor besuse he does somethang diterent
 luat at ane ulf. do as an excention which would no ars po of Wheat hro ugh teeding byition he reased greal


 stores. If the farmers of England were all comptititor for the few bred on the Welin mpuntaina, or wheh riu h 189 from Ireland, we mhonld gat but for apiece, and uliet entert of mingin would be left for profit when It whilbe woult Mr Merh, in refleot, that oom

 farmer tater $p$ asesomon of a new oceupation it
 monkt in motimnamis w. Lu Its natural rapabitities Tha man is the best farmer who manages his business on the commercial principle of obtiming the largent return he can for humself with the leaste expenditure of raprtal oonsistent with keoping the land 10 good heart and condition; and not the gasn wl. lowing parse, edopta is staw 3 is ate.io,
 eked out hy millering, markot gardening, tha
Mr. Mocht tells us that masy tradesmen mould be well salutied Fith to par cant. profit on their roturns he does nos tell us, though, that the casital iavented in trade, sided by the oredit the trader receives, is an many caneas turned over perthapi 10 timean in a year hald gome insight into both trantipp and farming ant am not talking without book. For soraral yeare I \# 4 in the habit of passiug, almost daily, Mr. Meohit eatabluhment in Leadenhall Street, sud I world beok that aisainst Tiptree at ten to one.
Mr Mechi is, douhtless an amiable eqthusinat. He bas made farming his bobby-horse, and he ridi
bim very hard. It ansuses him to hear himself tall and I dare exy he bolteves all ho says. Dificerant penple hold different opinions, and some, no donbt, pat faith in fis dogmatio twa wos 1 w 1 frankly say that I th nok. Hud I \& ano whom I wished to apprantives to the business of a farmer with a view to bras getting a
 destination. F. F. Biguell.

## zame efarcespontience.

Wall the Liberal Government Establish a Board of Agrioultare, or an Agricultural Department in thite be nufficiently ueverentr, Jes, of Trade nom proferoody undertakes the mangement and regalation of exery department, both of trade and agriculare, and zif mibice instten connected with
 but the great bulk of nitr chatiuristarninnols reat sal fied
 bonard of Tride is lutrallal nag, if nor a tougether
It might pul ager $1 /$ lier stis in berter hamour, and Would ouk mure delimile and truntworthy, if thas Agriculture ${ }^{n}$, -1 . $\varepsilon_{-}$" the Board of Trade and Agricul-ture,"-with the underatending that trade was represented in one offoe and agricuiture in another This would suffice so long is agriculture was fully recognised, and every effort put forth to promote its security and prosperity. This, in fuct is whet we wabt, and What We certainly don't get. Now this being the case, what can s separate department in the Board of Trade, or a really new Board of Agriculture, do for it? Wail this board or office Frnald have all mattera conne ted exolusively with astriculture brought before it, sad not belag enoumbered with the trade depertitnent, every-
thing Fould be more promptly dealb aith and action mmediately taken wherever required. If well oon-
 It mound be the yery pas in for agriculturists, grup rally or indint fuals, ts, apply for information, to address their complants upon ang emerget
ulppose ant outbreat of catble plitgues smint porin sheep, of any of tlie evils to whith we are subject, occurs, the information is sent to the ollime and Fithout delay it is at onoe sean to. What safeguard this. No awaiting the ereumiocution n But what are to be the sperial dutied, and the busineaulturatacind t. 1 tis whice. The collention of arri ultural stathat.rs winl the onn of its most import int the appointment of officers to pollect the statistices the times of eillettion, the modit of co lettion and
 them promptly up so an to prope most hene makime agnoulturists of their futare guide and the rekula tion of the foreime oattlo trade the importation of sheep and other foreign from atock would ho nowithe

wuulu be the
wost authent informstion fro to enk the earliest and relatave to danger from these fompart parts of the wort tuke energetic and decisive measures to proveat thet introduction. If for no other purpose as a moty im portant asfeguard it would be right to eatablish an ofice for thas spectal service Par better than to tr to the yeterinary ofice the rezulation of home supplies
 orders from abroad, if pirerent on frominknamit of atock diseased by inslufle.. mitat at the thou

 an overvalat of all maiters conncelod wor pressin exclupively upoo asriculture, with a wiew to thoit of the $\mathrm{Ma}_{\mathrm{L}} \mathrm{tax}$ thent or remornl-i.e., the presenro hardsimps room game laws or pame proserves anto conanderation of the lawe betweea Iandlord and t. nant tie liw of mplether, tha ant theashon of Irean

 humb, of viructailles, fruts, di" In fact avery pro versiths and merutations from thas offi e limaldes





 I 4 tion, enclosures of commons and wastos, Grovernmen rances upor subsoul drainage of indumbered or hif satath and all other suhjectis and mathors arysina bs plenty of work found for a good and affoiea
Farmar Mocht's Balanco-shoet frea him thus:-

Rent, exclustro of tithes
or an averare of gie an were $\{1,1$,
Intercat o
Tho balan
3Le an arpe dices not appenr an orer bigh rent when tive sea a fixed stenm-ongara, arrigetion pumps, in $1-$ all done. The balng-maomae meluded, and draian
 ara worl $1 s$ by $n$ m means a qreat ono for has care eut
 so does many an agricultural libourer, who ha jittle or no care about anythog. Hore is the position of my carter. He has at horee with him a wifte, three sons, and a daughter. He has s houme and garden free of rent. Here is his income
Last year 1 paid to the father and two bogs (one
Tho eand the other 14 yoxts of age)
Tho earblage of whe end dinughtot aro put well
tindex the mark at
810.

Now, compare a farmervin poaition, with a bulacoe of 8 ll. 155 s od, for his year's work (with ma mife and and do mil armer must be upand domst frorn day to day, from week to week, and rilu ated ani delothenl by the sntereat of has money, not mirbing will all bo wrated for brend hat aneese and one expen*e uf another. Yat he as he needs it h mbelr bol npon oharity muct at him if por atim he dnea. nad angenr ly und lir class. The labourer now-a-day gete eduated for nothing wad be crones in for wifls at lest to as wail as clathing, and he will not onily frown at the parson I he gots none, but will keep away from his ohneoh. Alt this I know to be true, but then Farmer Mectui may tell me that his areruse income is 184 per ocat. Which gives to him for hisyear's worl on an average 180N is fid.
 good pas as mis rartar = $1 s$ for when the fariuer a bread
 besides that, it is not evers farmies who tha kot a Mr. Mechr's head opon his shou der to ntwat h'm 10 making cheap pork, and beef; and bestder that we cabnot ail ga upan his plac of buying store catilo and eeding them, fur there must be sa ne breeders, aren it taelr lowsen mio much grenter in a frit use the vitance 1 talke it that the farinen of Engleud aro paid the worat $f$ ir their labour of any cais of men th
 flast wher juat grew in lowis, atid now much in lato

Bteam Cultivations-A cupy of the Apricultwral neotto has just reachurd me, in whioh "Agricols" refersto my letters in hide fresen, prassos bus regreb that I have closed the correepondence, butat the sume trun pays me the comploment of asking mo to "lond him a beod," " "ho es thanktug of pur-





 Tellegias reneratuon for the nodides and thees sumal


 If so, he bad better leare steam cultusation alone. will not pay hum, and if be has soune surplus cash, for
which kis bapkers probsbly culy allow hum a very small interest, let it rematn there until a moore profitable investment can be cound than that of stenm cultivating machunery on a small farm of light land. Some years
 he, being of a saugune temperameat, backed bus ow opinion, bought a set of c"ativatiog tacke, , worked ory ore observation and the test.thoty of his neighbour that of the money expented uirom it had been invested in Threo per Cent Consols, his ratuly woud now be many huadreds, and prubab,y thousands, in pooket, Do not et me bo uratrary. I sme ng oppeded asste for it, mad hope to see it extend year by year cotitil that miennal period when, of prastoe, rle son of Eigland. Ploughbov, Jan. 11i. 1869
Promyn fultivation.- The above letter on this subject appeared in last houday's Belf s, Messenger ; and in Bells Weekly Messenyer, has certainly "begua mith ithe begiuning and ended with the ending" of my letter; but he has not answered it. The "bope" I expreased as ane passes over the real portion of his, ietter without even a note of encouragement to the wator, hat the space so kinely placed at the dispozal of men of such wide-spread experience will slorty be fillod up. firmin's 200 scres, or twereabouts, and, 1 mat and,
 that can do mast work per diem, but that ex lisbits moct economy in its application and adaptability to the ferm. Wark generals. If I piece out my work-plushagg and culluatiog to one contractor, tureshuse to another -my bext door neighbour, a sort of ' Jack of all trades," Wall drill and baryest for me, "West Ind, an" wild be to marict for a song each of theste industriovis individuals aforming me that farming isa gentleumanly employ tuent. Certaithy, w.tn contractors-such Ontyer
Trwiet ${ }^{13}$ contractors as vour correspondent Mr. Harry
 suanly employment wili a veagence. Where the employment, execpt as paymaster? He refers to my grand fothers hedges, assumidg I had a reigsious venera-
tion for an inanimate thing! but the implement cas bo fashoded to the faran. Now, hot us hear bis reasons "Light lund," to begiu with, detracto from proftablenes of cum cuttivalion But the land is not too druht, or helda too kmath, to pay at the rate of 10 , to 16 g , jper $k_{1}$, , or ever tess. If at can, as it does, bear the highe num, jt certanny can the laiter or smaller I attended Mr. Smith' field lecture, and ho pronted out a fiveacre field, on the right-hand side of the road gong Ereen lane the size berag not at all an meonvenuence I must not encroach on jour kindnest but allow me once more to ask "Ploukliboy" If the statement quoted Gozette ol sut Januars, ase from the Agrivitura Gazette of whan he a.d map- Fil be and smithonian in fizding the Wherilf of myelt and aeven more of my fartuing friends, whll he fll up the gap iu the Mespenger? And will he enoh of the Erricultural yapers? Agricala.
 land in olher countries, varies in different stuations, at lies point out. In some cases an English arrangesccordiar to the peculuar latits of the people by which who has some capıtal, mote industry, zud a farm not nuder 50 atatute acres, a lease. ILlere are many judicious outlays is landord may make, but in some tountics as Meath and Topperary, it requires consider-
able taot to impreve without neurring the hosthity of the Rutbon soctety, whioh acts with perfect surces and security. The question, however, of the Itish land has beoome saber political than economic. The
demand for "improvements" was pever perfectly honeat. It meant a good deal more. Perpetuity of tenure, it doee not matter how oblanned, 13 what the Irish tenant wants, that which he demands as a right Ha looks upon the convection between himself and his landlord as a copartnership The one has a right to the head rent, the other to whistorer his own industry, outlay, or tha increase of palue may brtag It us, therefore, useless to consider under what conditions the utmost produce can be taken from the aon What terms are best, and whst number of persons
opartnersmp whla be granted. or not thes clam to $A$ quesion ts essential to agriculture. The ternure of land, the prinesples on which land should be held, require to should be confined to Ireland. If tha tenant 10 one place ougnt to baye a share in the soth, why should it be refuscu to him in another if perpetuity of tena.ate oxght to he granted to an Irishman, why is to to bo denied
to a Scotchman Are great concesions to be yolded to to a sootehman are great concesilozs to be yied ded to
 founded ou some principac to concede to agitation, to satisgy one sct of men at the expenso of another, may sult party purposes, but mill aventually ruin what be alleged is, that in Eugland the Iandlord hss anyested be lalleged is, that in Eugitand in his property, wale in Ireland it is tio tenant who has so cose. Dusted in the soil by the siderable capital has been anderd though over a limited ext, beliequing in the socurity of his property Tho tenant does more in Ireland than in Eogland, but, as far as my experienco goes, his tmprovements are seldom permacent, or of nuch money value. The capital lat out in
Ireland on the land is not one-half of thet land out in Englanu. The social habits, tastes, and wants of the greater part of Irish farmers requre much less than do those of zo Enxilish farmer satisfied, the bouse in which he lives, the condtion of the land, are generally very d.fferent from that w.th ubich au Enghishman or Scotehman would be content. The anxievy to possess land is so great, that every disadvantace is overlooked, and a price above its value
offered. There is yet another consideration which largely infiances in Ireland the natronsl feelng, not that that $5 s$ atem of culturation should be employed, not profiaracter or agrscuture adopted, whing lay papti ation lif tho farmers are less $\overline{i c c h}$, they will be in equally curtid. These are some of the problems which agitule Ireland, and in whatever way they are ang erho in Great Bry, They are not ensy of solution, thes require careful thought. If they are discussed wath calmaess and impartality, it is to be boped that the relations of landlord and tenant may be statement of the questron far to all will be atturned if atatement is used by professional statesmen and pohtival agitators for the purposes of party, and none will ensure the prosperity of the country in which th interests of agriculture, practicnl and solentific, are ao fully ronsidered Brinsley Lfarlay, Jan 96
Over-fattened greeding Stroix. - With reforenes to an article in your ast poper on the subject of breeding stock being shown in anover-fed state, have to nnform
you that the Highland and Agricultural Spciety o Soutland adopted the followng rule some time ago "Breed.ap stock must not bo shown in an improper state of fatneas, and the judges whll be prohbited from

Goab.- I bought in the autumn some sheop infeoted rith the scab. They were put into a field of for acres, and thes condihon was not itseovered for twa months, during whectinne they had rubbed themselvea sganst many trees and Seness, Towards the end of November and are apparentiy quite cured by the first dressing I cannot disminect an the surfaces aganst which the sheep maght rub in so largo a pasture, and I want to kuow at what period I maj $5 a f e l y$ put other sheep into the same field. in common uity my neighbours, muve rery litile experience of this pest, and g've through the A Grirultural Gazelle the information I renulre. C. Faget, Reddngton Granje, Noltngham LAn angwer is aiven under Notices to Corregpondents, them Can roa obtan the experience of your corre spondents who have trued them? It appears to me ove of the mostimportant quuestions, especially in a manil worse than tyefted. J. Carter, Nursery Kerghley, lorthshre wh Ihave read with great interest tils aricio by "Wrab, on Sewage, gid the reply to it by dryeetrith system, could you give an sdea of tho market tural purposes) by Muule's plan? Have gardeners ever bouglt it, and what have they given $r$ I I thank bus plan was tried at Wimbledom lutely Were the
deposits bouth hy farmers in the neighbourtiood? Smatear. Will any reader state has expertence ?
for has rerly Ition sewage tractree he to ably advo cates evidently requ, res a more thorough investigation $\mathrm{a}^{*}$ the Lands of practiad farmers like nifselr than it has yet reveryed, and it alfords me much pleasure to hind objections ta my paper are those which have beea raised curing the past year in the discussion of the samage question. He answers them one way, I noother.
Bn that two two together pive double forts to the an that ine two put together give double forte to the appareat daterencos, thes belong chitefly to the marolt of mprotement, I being in the ranybard of progreas, Whate be comes up slowly in the rear. Miny of my readers, if not the majonty, nre famulise with the fact thet I wo no smateur of the Mecha school, but a pracrience, during whech I doctored farmsand manure and
grows at Barking. But ind
gitano and superphosphates,
hill, liquad manure that
hall, liquid manure tank, or flos, itter in sewage subject to maps farmari
 of finhing fault with my neighbourg'
in the fold or dairy, kuy maxim
 Wath regard to "racts" and "dedun it is very unfortumate in the dispasel of the $1 s$ oaly one party in the arreement at equally jutereste 1 , and threo times the money the latter $1 / 0 \mathrm{~m}$ the time may come when thay will tom are more deeply intareshad finatme.al
same holds goud of other tomas.
same holde poud of other toming,
flowing sewage in semera and ope
grsntad (soe my paper) hat my mans, I grsntad (soe my paper) wat my readers wern
with the oxdatom, and consequent कsalg of matter in flowing water-the anted spat
 trayy. 'T'hus, the comparison mado be of musk, o patural product, and a tor and of seware, the produnt of deconposition, roouad. The argu nent of liberated ammons room contaning shaginit water an a basin 4 sewage at one place and of a faillon at mother down the sever ${ }^{\text {as }}$ at Barhing and at hey
Sunds, does not farnish any extolj of trut evidence-i $e$, facts as to the Warte of
the sewers they are the mandest erponenu and when onee Jiberated they eanaot be cos within oast-mron pipes, muen less brick sawth arown by the theoreticul dedurtions of theman assors. The replies to the third and furth ofom areased and expenses yeduced jn the uman progressive cbemical aud mechanical applinem storm-water can be removed without rocess of dessccationot get a direct g masins when they require $1 t$, or but hat they need, and they differ from cessynols in mot respecta, and as to the application of serazo or of noy kind, to the latd in the trosty $\quad$ ne too semage then it will be a fect
ing tomys with contry milk has jual now fresh stimulus from tho Society of Arts, and as will aford us aretter gratifecition than to ar armers doubling the number of ther mich onn for the milk, W. $B$.

## Societies.

Highland and Agmicelteral Jan general mesting of The mess noble the Marqu


THE ABERDEEN SHOW-180 Mr Kintocityr, of Glitnorton, kaid he hit or lie Las frmation of blo mertures wiss is su nexsful ona, although
 wret aheit falure. Tho exLib.tim of th at Lelso was bul enough, bu
than ware. He Loped that would bot allow local pressira to cau
 catthe was bot such os they were accusw

 tuon show held in Gilasgary by thuss gea nute to not send tharstock,
suitable atrankeneal These gentlemen would havo toet $\pi$, h lto ght At tue
 heard the remarks that were malie Abertera in regurd to thenr coth uct th Tuesdarapapersol the

## kind that bad been he.d.

 standiag in the emply flalls at Aberdee toserer, inat bygones must on Kupandaple, Le had goo the Ewaburgh show fo antiounce hat horsos and
freo an ther return journey that ali stock might be couvejz 10 гpecual calule trails. mestera distrats, but ho hope
west directors credit for haviag gore car

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H I，frin arateil that th
 alvanemalt The

 ewi－pntedi to arlow the Mradow lutk，the no et
at．low of rent or oth． rest rathe ther graumi

 hat tan antheritues rould the freantit men－on The nill 1，can－la．a．a．i nerees to a bu，mintary ret tore Lade the wht it oxped．ent to
 a midng！take pase on the med

LocE reported in reference to the show of at a requisition had been received from the
of Dumfries－consisting of Dumfriessire the of Kirkeudbright，and Wigtownshire－asking nets to hold the show it Dumfices，That submit the following resolution 12 f $11=1,+1, \mathrm{~F}$ ．That thesweet ng に－11 24d nuther we the dirertors to

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ibous，of Burthuluk 以all，reported that the to recard to the endowment of the Che in ？in regard to the endowment of the Chair It in He stated that thers aqreement ween
 ten years，on wthito in that Government the argeater eum；and that it had beogn hat rearts meeting of the Sooiety in
 ais in at thi ralinatis．Tite vote th is imermaneat und by the society：

## TEPTUR

TTEPINABI DFPSRTMENT
of Walhouse，convener of the Veteri－ rif ried that mith the present time at as nirppertentent loosal charter fura $\therefore$ tenair falced but lbey dild not mean



 the thampats．Ite
rath the sary mamernux alteniane
 and he thougtit it would a e dirext，it of Probeipa

## rise wal lahoured meth hatis

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 Ef sad that hat hatit arranged for the imjonrasent senson，which were likely sijuntant kind They were but on
theen at treen afrailitat，owing to the drought hal it incon ofen a fallure，but he was maish of thed ont wr I up to this tarme．In ana ywa han exceeded that of any
He hand been purresuful in del tie hawd been rucressuf in detectiog解 the se，cre a conziderable
If thaghatae Mans sa d be thousht
 Iaprant，wart cularly in a rear hike this －armant of the chemucal depart $n$ it inf atulteration tial that pentleman n，intwithent An instancer was given

 partifent of the tirt IIn tiongight Hore Ifetial．the Highiand suk ety take stegn to stop，as lap asporiting
 fint b，fow of that min powh and and flafmknew what their
 neated $W$ th the（＇in r of tarantit ore，os that the
 and rum that was amuilly jan for spenal matares In Fimed．ag sluts


 a state ns they could wish it to be but ho thowst there tras less diditeratiog thath there arge fotme bears aga．II was quite sure that t，namber of inferier manures in twe marnct wan analer than forr eeris


I＇rofesoor Balrot is rejorted that the follow nig jure Diulth had heen swarded for reports mace the heleral meetithin in alune－









 IJr．Balrulth also statad that the followiog pre mutus would be otrepte


14 Prestior ut

## Agrieulture uf Fast Lôtatan <br> Asriculture of TuFtrziens．alire

a，veriant of leme formierty in 30






Imporaved vartoties of nipriculturns planks
Comparative produotivences of Pokitos
Comparativa productivaruss of Turnipe
Yogotable productions of India，Chtina，an 1 Arncerlua

The thate of the vetorialarg Buffion ta examining
Hisinfectiog agental fur stoch for preventing atiacke cattle plague





ctible ！
Achorai uripruvapent of espotes by Fruppleturn

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## te Jeport was adopted by the meetiag

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## PLANTATIONS

 metting the following premurns have boea awarded for eports lowned in enmpetition under this departiment－




 Klrklimkata，for in rejort on doreat trees of recent introduction
4．The Milvar Meinal to the mutber of a repurt on planting on
Profesor Balfocr further reported that the follaw 1ag s lojerts have been proposed for the cursent year





Fiffecta of tore

foreipti in Bred
Transactiuns for Propliapy， 1810
Mr．Ifying，of Drum，seid the nert number of the be pubushed it Fehruery

## Farmers＇Clubs．

 Grantom，read a paper on this subject．He sidid of

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 been Ilo．02 all 10 lis iumer

 been pran ipaly ateonathiand by means．of ral and
 water，\｛on\}, nor shelter, dur; nis a periox of, it mas be, - 1 w，wing of nyy ther $t+$ mber of binira wheu on th


 the laws of botlil rud and mand ificerorimezar nis
 be introd a mins the of hetrele for the trans were
 plesro－poumonat，and maty $n^{+}$herdisenses whehsill et tort ard shoted be rarely if over liesard，it lice popula corn and akrie iltura inmmurity wouli be seted from morious whoses，sifd cur hitehers wond be able to offer ut It is a woll Jer $1 \mathrm{l}_{4}$ at tha promen jriee．
 nig cattle should efer at dimit hase been commented wathout ancans belng provited wherrby they mould be watered and eed murse，it $14 w e l l$ known to every he that the entire buandess of al．ande ands intendel for human fomd it to eal，dritak，rest，and alecp，wothout interatision $T$ def rit tame they i，when rising from




 resa ts follow，when thrit，mals are silf alenty deprosed of all the comiorts of diear etkile ines，and rent anay on a journey of fin or 20 hambi duratom，confined in a close boy，whuch，no doubt，uruler fresent curcuas shanoes，has thes pood propert，that，when the oative become mad chrouki thast，they cannot by any
mesn leave their place of confinment．While the poor beasta are at home if is inematant stat is of the former to ese mot only that Bil there wats are supplied，bit alon the groalent are an prachised that they should be kept in perfeot health till thay are fot for marlat Whatill m－thers s Tres ars taken are
 driven to the tipit rillyas sizt ar fintione from unusual exertion，reeking with perspiration．They are in this etate packed joto open－sided trucks，ghunted and knooked sbout．Whoever has travelled it al muat have mitnewred with horror such scenog ind erery himado being must feel for 8 a h moodlegs suiter inga Eventually，they reach them ourasy＇s and in aluythong but a fit stato for market．And apart from the question of ruclis，there le the question of the health not obly of the anmals tamaselyes，hut also of those for whose fuod ibiny are interided，fatto or sheep arriving frum a lin ouptey，wheti iaven from the fort d bold netrurk whil drink of the filtacit pool
 food of aftmaln that wha，＊harlls ziter be eotireyed as coonleige of thoman of umana beinga．Frumatuy glatos I am porfoctly atistiln of anitinals an a lienithy matar should bo kipent to ticm whalo vonfined in of steamboat or iruck，onen，it lenet who sounded in a A draft［hth has herth juroposed by the（＇hatulber of a met culture，whereby they priphese to yive
 thought is repuram to tell our juderment that this wron

 Byory two hours hour una ther he ust fir or topt bealth if they only recerve a drink etery io hours． 10 tre wrotid in this matter it bee them more bs ourcel wes

 cartinge，we nee almost certan to jurtake of haquid eireshment two or firee times duriog the fourties． But wot otily ir a humane po．nt of view he importance to transit of stock great interest and Ienrine altogether out of stit the 6abaron ane
 manty practere to the prese thacio onducting mical viens cattin trafls ？snu takiag a purely econo ote erila to arr rooperis and the well－being of the entime population This anso boen proved from facta with haro clear and untenabl
 Finlay lupa 1
 anewre，xhot hat tae death ratero nathe from pleuro pheumons alone ratyend from tis：to diz per cent，in lons of 10 ，hei to sh pre cent，un ler the restric lons of sua forl down of jert veat．，and never rose mbore that point until the unrestrected iraffio fas resursed about hin enl of inu．，when，durith the firgt reven－simi atialf in atian of jasis，under the old system of attle rana $t$ ，the denth－rate renched 3i ter cent l ront thas ot 15 shown 1early whem the loss in tin in antry les leasudes

 conatructor，from the fresium of one anmmat upon
 inclinea，when too many animala wre packed together， so that realy much meat is readeren unflt for haman food from bruise recessed in this manner And to

Ont, we req aro to full back for a suf phy from nbrund
 cart rid mamaremont be obtarugd al, hos no, to to
 many and uals is would supply the who, jopasation manu uged. arpot that i oh eet in tho denst to bring forelza stock 1 to thas country frow ang is i of thefer yand properly and carofully attonded to durin: pournag. To meet auy expense that railway boes compantes would necessarily incur in effectno cange so to be pand by two fiviler experionced Lomelon sal thema hundredrold He says cattlo worth from $30{ }^{\prime}$ to 10 L are depmensted to the extent of at. per hea durng the journoy from the north of Scolland to Londoas. Aul thore gars pow bo no dount that tue stoppare of the cattle traflic was a vers sertous los to all ranlway comprales.
As I do not wish to exhanst your patemee, I will now draw to a conclesion w, tha short ox irade trom I am no phalosonker, ret I hold to thas, that whatover our reason proves to bo srong ar defect.se, it at the hat no palwable esil 18 to he pasian nexrablo. In such spectinules as dimb hepts miprisoned for days at a stretch in steamboat holds or railway truals, no matier whather the sealsod bo sconchius from strong amn orartead, paring like a ball of fire, or the lsen-outting frosty wind blowing strong acoompanted with hut slect or riln intengtied il bitternass from tho speal of the train, enough to freeze up the very
 ther beat of beart cry out for 4 remedy to pat sudn hoir hearg ar teata sey ouk ror is remedy to pet such a wrong red rasponsible by lave for tion proper delisery of nee stac them, a olnange in transit would soon be adopted; but theres a sitile prospect of smoh a boon till Government comes forspard with ite strong arm to setitio the matter Emery forma ment itrong arm to seilie the zastle cvery one zemembers tbe ereotuon or dribiksig tountans m out streets, from them to men, horses, cattle, and doge, and no doubt they havo bcen the metims of prosecting ereat numbers of the carine race from hydrophotia.

## 3acbicius.

Ranue dea Deus Moinles, Nonember 15, 1503. An article brade Jivergue on "l'Eaquete Agracole" 10 France.
In an article at P 370 op the Agriouldwat Gacelte, 1pciti, wo gave a statistical account of the agriculture of l'racace. Low prices for corn lad been tho rule for several years. In 1865 the average prico of Wheat wus 3S. Gd, per qr. English funders were not then very
flourishing but the 1 reach were antually distressed. The general complaints gave rife to a discussion in the Chumbers, followed by the nppointment of a Government inquiry, into the condition of agrieulture. This investivation has notw been completed, and we are to predief that the cause of comptant was beyond the reawh of an "nquury, that it arose frond the great knowh esonomía law, by such s disproportionate depresision of pry a the left the larmer a lozer by hts zocresed crop. Forty shillings a quarter, s not a satrsproduce it at a lower pricut thet Englisid Carmar can and higa nothing to fear from his competition.
The central syatem in France pave the Government a very efherent machanery for undertaking the investiSoustrants, under presidents cLosen from amon tho members of the Chambers, or from Government oilicers. These wero eset argisted by a Government antera, and were paced in communication with the prefeots Thus about 200 Commissions, of 10 or 12
 tural societies and farming clubs in France ware catechused by means of printed lists of questions. This in tho most fystematio manner, and tite result must necossarily be the collection of an uminense arount of information on everything relating to faremag aut to ruyal economy generally
The enorenoustuass of do umente, contrining all that could posebly be known ou arrichatural maiters, or imazined by the lively Frearh mind, had first to be condensed by official pens, aid after a cens as or annual ceturn of erops here The solidand substantiat matter contanand in theso rivers of information has bern
geparated by a process wheh many perhaps afor wriakle to the IIetropolitan Sewano permpa afford a have not yet succeeded 12 olimsaling thomny, from the bad at Marking riluere are gis disitict reports in ali, of whrh 12 bave beers "elaboratud" and printed at the Imperinl Printug Iress, in a stylo worthy of
Nupoleon III. The final recult is ta quarto voiung of sint pages
 to tind a good exi neat ior any whward fact, but in M. Laverque wetave acritos who eannot be decersed Our readers will recosn se h.m as the autbor of work as a veryemineat agricultural statulador
The tollowing facte relat.og to agricultural afflars

 A.perted from tho han 1 Irobudy the trao explanihon is the d mi ition in the raral pop intaon and emsonuent teeressen the mamber of parekaers $L f$ sat
 There is no jeflowsy botseen the large and getud anbits and their economy They are considered a benefit and a pecessity to tho ec mmunity, and a great stay to political security. It is tho excess of division retanio of thass

 anwsuts between gelphours are the consequenc, ulth vation. The cril, centirres old, aud ar stive from the aw of succession, , 3 inereasing.
line paneral opizm of the lats of strecesion, as
 on thensting malo in tho any one of them to mastst on his share benng paid both in personal and landod property, when both are left bahind. A division of the property is recommendel, whilh will vimit of as little sphtios up of lateded nelghbonrs to make exonanges on phyment of a duly of ore franc.
The jnsulfiojent, amount of capital snvested in garming is ascribed to the following oaluses + - Tht on of mors romunerative investuants gazes: the delays ani formalit.es connocted with fistraints and forcod salos, and the general molination of owners to buy land, instead of puttug more cupital in trier present occupations. The inveetments whicu bave drawn oft caystal iavo been, forerga securties,
 in tae past lu years to muect the expenses of the arшy and of entrrinus pablio works, ha
between 204, ,yut, 000 t , and $240,000,0002$
Tho amproulthral loan and credit compmies have at resent been of hitlo use, in consequenco of their charging a high rate of intereali, It ib proposed to abolish that art.cle in the crvil sode which only allows an owner to give as security for a loan such property as ean be refual,y placed in possession of the londer, or of a third person ajrec 1 upull
frede decreaso in the rural popuiztion in the past 90 ycars, owna to tho gonera! movement of hile work-
yeonle towards tho towns, whero they are better putd people towards tho towns, whero they are better readd,
has ocasoned great alarm to farmors and an inconvenient rise in wagea. Tho enormous standing army weighs mosi heavily on the resources of the country It draws off the labourers, checke population, and increases mortality, ever in timo of peace, in consequence of the unLealthy conditions of barrack and Earrison lifor The increase of the population lins always been in inverse ratio to the strength of the army. Here is the great drarkack to agricultural prosperity There 18 but one opanion on the subject of the nonual leyy of 100,000 men, it 13 moro than the country can sapport. Theree-fourths nt lenst of tho men gre drawn from the conatry, The rrourctor of these the last suffer most a persat farmor who loses his son is almost it ruided man. It shows the altractive force of towno, that in the dopartment of the Seine their papulation has incressed by 700,000 , wh.lo the adjacent eountry districts are half deserted.
M. Levergne is of opmion that the two moast eflect.ve reforms for the restoration of ristal praspernty and popusation are a rednation in the army and ond shato or publio works. Ila recommends machinery to supply as far as posstble the defichence in hatourers; fnd in in of speoinl nstriction on 巨ubjocto conueited mith horthoultare and agriculture.

## Farm Memoranda

Halsbozotgh, Nobfolh - The following remarkablo histrery has prubab, nevor neen paralaled, and maty, therefore, be recorded as a genuine agricultural is suthontitect Willam Cubitt, of Macton Abbey, Nortll Walohar moll known in Norfolk as ad energetio practical agricutturist, writes at follows
"I now send you a short history of tho extraordinary held of What to whicis 1 previourly aluand. communcation on the subject from the owner and occupler of tho lind, George Wilkinoon, Nesg, whose veracity masy bo rend on
abrut bers, setmated in thr parish of Hainborough, and is of arerage fertility with the lan 15 adion beng a good loamy sont rest.ag uprou a strong subsoal but eufiliently porous not to reaniro dram.na, and
"In 1813 it was sown with P'ens, probably preceler
 per nere, It came up thekly, und in the follo ann
 shot into enr, no much so as to ettrect the attention of all passers-by Many bets wero mado by pructical men as to 1 ts probable cyeld, some cut mating the praduen 9 quarters per acre. Tha field was the produce at rately and on thas rately, and on threshang sleded 11 quarters a bushels
per and
were produced. In the parish from mind
 this neighbourlood-5 quarters of Whas or These heayy crops to whach I being in any dogreo owing to hígh or extra it was not the custom upone ditho foe distriet, as nour, to usc artifictal manol to consume theis With so great an ide years, and yet, for all this, the produos inferior urain sime fentiars, mit general complazest iliouagh tharley, it part of hat guality: therofore I canol both clusion that erore candot bat arrive clusion that extra prolitic crops aro not able seasons. Now, 1814 being the ever known in this neich being the mal What were the peculiarties of that only in a position to assert that the drought was not equal to the fro from the montis of Mareh till the end o aad an unusual number of bungy dy storms and atmospleric changes.
informed by Mr. Wikinsong the abome had not been trented dufferently fom ol farm. The usual four-course syetan wim wisssen the notreake of the root mit ustom on suoli lands tri taie a ctop of the instance ceferred to. With re orop of 10 quarters par acre, it wa man (Mr. Howes) who had occuptod las for a neriod of 50 ycars, and who had the arp antm hat ho nover beloro approaching to suoh a crop
tho largest crop his land

## to 18.4.

"It may also be iaterestag to thate o Wulkinton syan planted Wheat on tha fied this very extraordinary crop the sim and finest quality. His ghatistice, eaven behn coomb of 4 imperial bushels.

The land I ocoupy is very simily come to the conclusion that to ferm it attended withe great lasa and disappontin plas of lato yours bas been to poran course , but to crop close sad. axtand 2, Whoat or Oats; 3, Barley; \& Clover 2, Whoat of Oats; 3, Barley; \}ind of care being tazen not to lay down mare 4 tuan thaterore, I vesually grow a fin hom diwas's grow 88 largo a sult of roola keneraly wer pan hy the mator the Etrnw made ninto good maxiur
Mr. Wilkingon, the owner


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 This is the bost of ali Potatoc.

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 ThNMED LEATHER COMRANY．
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#### Abstract





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JAMES BOYD AND SONS，Hosticl LTLIAT，

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Crown or Cuoardenu, 6 do do, dion
Roldot Improrsd Culited, 10 do do do., do






## Stocks.

DFur Cornan Ten Woik, in I2 diski, iect colourn, separate




Antirrhinuma.
From Mr Cor's uplendld collection, wos Gandeners' Caroniele of 1808, page 820

## Amortment of to flyent maretiex, separate, 3 f.

Balsame.



## Cannas.

Ammtment of 19 nient Tarteties, neparita, ha,

## Carnations and Picotees.





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The aboro muperb Collactonh, Fr. Bd ench
Cockscombs.
Dwarl Variahes +1212 distinet collours, meparate, 20 Git Delphinniums.


Double Helichrysums
Asoortment of 10 splendid parieties, separate, It Gd Everlastings.
Anaorment of 25 bast varieties, waparti, is Eollyhoelss.
Eaven trom a Cholvo Cotlention, in is maned varietios, 3s. Od, Ipomaess.
 Larkspurs.



Marvel of Peru.
Asoortment of 10 thent pridetles separtion, 1s. od
Oruaminental Grasses.
Collootionir of 50 tinest mriotios, tio.
Collections of 25 hinest pariotios, 3a, 呵.
Ornamental Gourds.
Collectlon of 9 Anext warietlen, In od Giant Gourdi.
collections of 19 intert farlatias, saparato, Is. Th. Petunias.
Ansortmatis of 12 Tarictles, teparate, is,
Phlox Drummondi.


## Poppy.

 7, mepralice, i2
Poxtulacas.
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Ansurtineat of 10 onest miletien, suparite, id. Seabions.
 Wailfower.
Gormonn, Druble, ith 10 pleandid variaties, 3\% $Z_{1 n n i s ~ e l e g a n e . ~}^{\text {and }}$


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Superb New Plant, Gesnera Exomita

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R. S. FATES josscisies Lhe lirget nem price trom ad. eh, to \&5 each They in
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JORN CRANSTON WFIl be happe to



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To the Traue，at Low Prices．
strong Fruiting Vines．




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J．Mr hrs．Pince＇g Blaciz Muecat Grapo．

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IINPR Rojal Ascot or Forpetual Fine．

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］）．אILLIAMS Grape Vines．


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JOHN FR ISER，Now Roses for 1809

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Hollyhocks To the Trede．

MTUAB＇MAGDUNALI ANO CO．＇B WEUEWSALN

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CYCLAMENS，of the the Trade．

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Thonume Ggrden and Farm seeds to be had of

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MR S．Mangel and Kohl Rebi Seed． A SDARAUL＇S MLATI：
 Cucumber PIarka，Wholegale and Betall．
 GEMA Nortiva few hrudrel moto of ph ner ratculior and othor
C．SCRYjurymgor＇s Brasiels sproat日．

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 DUTATO Q

S 11 LLLLU1s
The Best Nem Potato rot tetmon




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Potatos．



IWh. $1: \triangle D$ CO'S GENERAL CATALOGUE,




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 Garden and Farm, 1889.
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A most profoseblblooming hardy anotual, a nativo of the Csicasian
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Per Packect, 1s, and 2s. 6d,
OXALIS vaEDIVIANA.
A nhomy hardy Oxalls, for the loltroduction of mall wo ato


 ducol in buechen or hargo net ints or all kinde in thwer fardons thly



PALAYA FLEXEOSA



 In celoar the kroater porthon nitho flower sof a brite
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## OTHER NOVELTIES

## Higfily reobmmended by tha saisers, from whom acppliea have beon obtrunced

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ster, Giant Pæony-flowered Perfection. Per pacteth is. 02
Nastuxtium Golden Fint of Tom Thumbs.
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## Asters.



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## Antirrhinuma.




## Balsams.




## Cannes.



## Carnstions and Picotees




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|  | Hollyhocks.

## Ornamental Gourds.

Colloctlons of 24 onset mangues,
Giant Gourds.

## Coltecilog of 12 ftust varlotes, Petrinise.

> Assortment of $11 /$ martoties mondain
> Philox Drutamor


 Sols-howa, Salpiglossis. Saipiglossis. Assortment of 10 flaser shabious.
 Walflower.
Bermana, Double, in aria elegans.
Zinnia elegant


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 CLIALOGUE for $1860^{\prime \prime}$ " which will be forwaried Post Free on appluathon,
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## PAUL \& SON,

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hafe wow headt, axd will gend rost frev,

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Now Roses for 1869.



 Supurb New Late Grape

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ONR THOUSAND MRS, PRNOLD HLACK





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 Dito ext 1 Ticss low T1.0 Nurborlor, Mutarik

Cuinary and Fortcultaral Boeds.


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Seeds Direct from the Growers the best means of Tolif Preventing Msaypoinument Noffl. MRLIANLRS CI LKUE QUANTTTIES




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## British Fera Catglogre

ROBERT SIM wid Rent
 Hent Foot a Cray wingess, stideup Hill, Kenh HENRF goverex, Nurgeryuas

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C Choice Ranuncuitise, Flower Seeds, ecc,
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SHEDS of gome 240 specticis of AUSTRALIAD




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THE LARGEST AND FINEST STOCK OF
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 dideplay during the summer and autamn monthe. AGRIOULTURAL SERDS OF TLLE CHOICEST $\triangle N D$ JOST GENULAE DESGRIPTOU 60, BUCHANAN STREET, AND NORTH WOODSDE NURSERLES, GLANGOW.

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THE FONDON and CONTINENTAL SEED COMPANY has purchased the old and ind susizese of hendle \& Co., of Plymouth, whand has been estatbished for nearly 100 years.
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SEEDE, the NFWFST and FRESHEST, atl the growth of 1888. - Another nem sybur
 beason, bo that the new season is commpnceù without ma ounce of old or mperfect sued.
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Gratas. It contains numerous FLOWER BEED ITsT it now ready, and aat be hation in
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Fost-office Orders payable to Sutiox \& Some,

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 TiLe Earliest in cultifationTheo Rornd Horticulturnd Socraty hare thit veston tented tha The Hill inco
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In assorted Collectionn, to proluce the mont effective dieplay. For Tuble of Contentn, sed page 4, Cardenero Chronitle, Jancary 2, 1860.

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## NEW DOUBLE ZONAL GERANTUM

 for 1889.WILHELMA PFTTZER (Lewsong) -A novrlty without rival, porsursing all the dea rable qualitiva to mak it a valuablatadition to every collection, dwarf, freelooning habth, and brillisnoy of colour.
Plants not hagher than of inelus had two and threc rissea fially expanded, eirh mapasuring rather inore than 5 unches across, the midivadual howerg are large, very desuble, of the most pitrfect slunpe, and dazzling orange seurlet colour.
We have purchased the entare Stock for distribution ins Fingland, of the ruser, M, 1, emoine of Narey. Plants to be reaily by February 15, 1869. Price 7a. 6a each.

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Fresh amported Bulbs, os $6{ }^{2}$ each, and upwards.

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Tag EARLY ROSE POTLATO AMme
CARTER'S PRIZE MEDAL LAWN GRABS
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## July 19th to 24th, 1869

THE ROYAL HORTICULTURAL BUCIETV'S

BHOW of tho JWYAL AGRICOLTVRAL SOCIETT.
Amonart varlous sppecial Prizes,
A SILVEE CJP (oopy of thafantnuscellitr Cuj), VALTE $£ 21$





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## Che Garomerge $\mathfrak{C h}$ nitle.





Reveriting to the Report of tho Cammitteo of the Royal Hortuculturat society on the Ay UI.J'f RATION of SEEDS, already treatod at some loagth, सुo maysarythet the functions of the tradenssinintion, alluded to 10 that Roport ( 300 p. 27), as esta blished by the wholesalo smedsmon of Londot, appear to wa to hase been bver-stateu. Its chet and almost only function relates to tho regula tion of prices, whiln ats othor operstions firio confinod to mere mettorg of detisl forgen to the subject undor dobute, "Tho determantion, by mutual constultstion and adrico, what hants of seeds should have them aretag's bowered, and to what extent it should bo dunes, 13 not $\Omega$ part of its office, whero thas is dono, it is thono by the house following such practioes an a part of 1ts own internal arrangerments, and altogether distinet from any unted artion or agreement. As all the leadung wholcsile houses ate connected with thas association, it woull follow that if thr statemerit of the wab-Committee be correct, mary house so connectel must ba pulty of the practices ceusured in tho lieport. It unay, therofore, bo the ctuo that nome of the houses who form " exceptions to tho mnversality of tho practice," are connected with tho trade aseociation. A trade nesociation whoso man object is to obtann an un, formity of jrices, cinniot alpays secure this, as special quotations ard made to certain castomers irrespective of the prices named in the trade lists.

A furtlier statetsectit of tin Report nyperat so be mach more opan to objection than any wo have as Fet noticed. It is as follows:- "Of its extent" (the pradtico of adultaration) "no etronger endeace can bo given than the regular quotetion in certain of the geed-trade lists of the prices of "pott seed" and 'trio' ot '000'-


Qubs. \& a mey, ins Amode other ceedingrs of Mr

 Jexel. Whi ho nat brit whilh I liave named the




 the is fot is andert frascuit of frut ration ant rui be toha S'u' Murroth, Tau,ton, Sout rset The Afye whit hy Mr. Srote is of mediund saze, anisy Pearman- n-sharice It has a smooth even surthity ferarmans pallow, consoderably suffused with

I SBND fou a rough sketch of my nety system of Flazine and kreenhouse building, by whteh puty is

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 rollers are fixed by the carpenter, with galvaniscd







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are so sation now used thit system for ihreo years, and the old groote I tas sooh ing ot our glazier the other day ch.pping out the putiy sif $a$ brolen square, sad ta 30 spurees on the and 3 certain I could have put theh tie took to put on sybtem su the same time chantelled, any wet that driges aghinst them is carried donn and duscharged at the bothom wiom is cartien of the jolns, and when from defectite cuttipg tho elaures do not mioet quite cose any une tint onters rins down the tins quite cose, ant wnter that enters tupes ont mardls, and has two chanacls of hathe doptli and fiod no dir hepace. I tise glass 12 bs 2 ej incles Thio plation of ventify in seciaring panes af thas size.
 leorth of each sule tro ford.n年 shuttera tho whole Gf a93 9 , mehen d. riding as the rivge is double, a space Foritical lift of a board li inches wido tha whole length of the otpre This system aflords an effective auration of the atructure ovety to excess, and must be modrifed
acorltag to the meather by the partial opening of the ents. The inner supports onnsist of 1 ron arches innmet
bar, sad tho internor vick is exceedingly light, airy, and praceful.
Tho cost of these structures, empared with thoee constructed on the old system, is very econamical. If


## THE ESPIRAN GRAPE.

Tris is a pery popular out-if-door Grape, better kuorn as the Equerione Eap, rar is, However, the atonished at the sery lug shameter which thas tran recolve in velr columos I can only fane that somehow or other your correspondents must be hat somehow or other your corresponded I know that tho hat tho Blaca onammand and bemo pardens recenved cuttinus of the Estrerione (so
 called) severat times, an inoy mavo mithough I lisve been prosent of yearly all the trut Blyovs for "omp years

past, I can only remember one inatanre of the true spiran bavia been exhibled, excepting those irt mi , tel of the Bonfion eviting in mepect to thag Gmpn dia of he comisione existing in respect in so mucl Ia if way with and an


 more nor lesat
 respect whe win Wine dero dibutel pretty
 Treely througaout ang couave as it coincides mith adrance tbles as an opraion, what I have so often proved, I do so the more readily.
The Fspiran, in my opinjon, is quite in thard-cias Grape, judglag of it by the stasdard of tevour-inion only reoommendable qualitits to which, 10 my opinions it can at all lay clam, are its ferthit, mar hytro const. sution If mary alon rers 1 roubly be food wine-makider variety but I canc ot insucr or



 leathery and freculuendy of an winn woul Grown in the open arir it aso beats nthu dourtw, hat I havo pever tasten \& berry thed betut in Slog-at all everis if 19 demplethy umplesan
 Eront matis linve heen of excel ext mofar. ome borries from a mand that wa-axi. bicher the b) Mr Desdney, of Dorkme, at we wedne on an
 arr Jueywere thammabiy had ,illow parison with ethery from the sime riwe.

 Wood Ths, when in nyoll nall grow askaterty bighly colorzed-a ceep remaxh-how, whe fot the state (i e , tho young shoota) it liss a benta nond and very diatnoctly strijed apparameo, dark brown and ,
$\frac{100}{1 / 11,1,1111 \downarrow 1}$



 skin, which is thick and leathery. Flatour brisk and skin, Which of thisdrorate qualitr. The fruit doess not hank mith hut en Mayk l'r $t$
 Natary,


## PLANT PORTRAITS


 Thicor-stom, 10 foot long the flower-bearing upper purt pen

 hist titrice flowered in the conservatory of the floyal Botanit


 brown, almoat black, botwvon tho grieen velins, which ars bright

## 














## EWin

 of tha mont beautitul of dwart rock piantar it formis a hevingrharical finas, with short, dichotomothly branobed, slender,
 gion of the North west Ryzanees, and har bean in't. Mr. Ntvon, of Hull.

 cous loaves, sorratod above the middle, and insignificams lattor ruecectod by doop red-purple oblong or globose drupet, as large al A cherry, whad leab of moftradintiog fibras. It in a native of ching mad



## ththes on sheiterod plante hang ini late an winter in

catlon Iron trce from the hardness of its wood, and is of dwarf veloped flowars, chiofly consploupus for the numeromespread ing thmong. It in a native of Northorn Persig and t' f':

 hariy parennial Bromeliod, whioh produces a tuft of crowded ceorved, diompataly subulate, romotoly fplnoceent leatels, and ctall flower-stom, supporting a pyramidato panfole of very curtous flowar, of a peculine matalie greenish-hlue oolour, at colour. It wail introciuced from Chill by Wuntra b, it ithe.

 armed both on the atemo and leaves with vallow neaxIt




## JAMES BACKHOUSE

Mr, Bacenousk, whose death we lately recorded, was weil known to arge oirele, both in this wad other
 his youth an ardent lover of Nature, and a quick abserver. As enty as 1810 and 1811, whan only 16 or ympm ond, ha botanjeal tastes were stamulated by

 mondised as amant Inferuallen in flaw land in the

 hat distrjet, It Backhonse beomme introduced to the




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 hacomfty and interrst in th.
 man in partnera if $n$ ti. l, elder brother, whodien


Frim bus burth Mr tlerkhouse wat E member of the wriety of trimpida ant, as matite of the misominary poutmey to the Atzatrelien ming a luns Metritiol, and viritbarn tfrien. Hid laboutv an
 thinen mand from all clemes of erety denomination in
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## Wome Correspondence

Foreat Appontmenta in Ind, is
$5=2$ Evant Exam








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 or three months for inspection tio rance and Ger thane thatd be more is litatra f ral merif to belect We belseme thes the pubjemet of Indine forention to be We belsere that the rilbjeot of Indint foreditir to be

Canadian Icebore - Wi.! anme comperpondent

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 and af any gentleming anatent form i grower comitn,






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ofit Dublis hes of ate been fut forwurd upon tom thos sulpeeth I feel oonvinoed thet no gerdener who has
 thespar 1 myself am ematis on laviar of 直 ntif

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 If your readera can imaginn a siank panal along the
 being 207 faeb loog by 54 feot wide, the and set 105 by



 Is tue, hairst r" 1 hm beds Mr. Wildemith informed
 ct it frode. mimimediatels is no denht in a areat mensure owing to the aplendul stock of stuf ta tax et bis hixposil, but some of the more common shrubs mey be asch witb rerf gand cifat Among the manj bratibut I wili Iake the following at random. In lie montre of a repotar bet there was one large (inhast Holly,
 Thaja merma, and edmat with II uspleek Another herea, sand Ebetheris Aquat itm forthe kmundmork


 mojor verierses, in the oval omall plents of ccupressus

Tery gracelul eficot Anter ceetog thase orrangementa Ifeel sure no one must mix up aprome with winter



 Femarkmble Orehids I frem, uratls reyl in the



 treatment pan mix 1-.1


 II rctumperin m inn dums the In li feet it the (attlogas and la lias. 3 fiep ditio fitofisathd (i)frich
 Nedale, Ferkshire


 the fnest, handsomest, and best of the leto Peaches last Peaches of thin Lute surl uud hatatud the seatur We measured one, and found it measure 10 anches Iady Pajmeroton, tro late end rers ane Peard and lady Pamerotog, tro late and rery ina Pesched, hos Yet propen here, the descriphon is hat of Mr.




 large, the largent of Peaches ; skin, ereamy white, with a piok obeek; fesh firm, yet moltog. very puidy end
rioh. It was rased from the Priocess of Fales, and
 beautafol; glands, nearly round; season, middle $l_{2}$ the
end of September. It cings to the stope slighthe anless end of septenbery it cings to the stond gighang unies fally ripe. Mr Ruvers hes kindly sent mee twit plenk






ruthroem Rpores -I I it trua that the manure from atire horses has a grester tendency to genernte bhe


 andy tiobie grecimons of diruve whin wre pianted ant $\backslash$, $1843-4$ Mannolis grandifolia, sbout \& foot




 cindly furnish these partin in Jamer Shelanr, Overthe dimenstons of a large Holls at Ty tentanaer

 feream of bule 1 it from the arount if it ont at 6 th Gladiolas I'tis auperb rlant of phant hes no we git h. of car ar aloat fas imites, and mone now ceserverty. All Whu uast what seen a bui of Gixd olus if good varieties, and Fell grown, in full bloom, mast nave been rtruel Fith the grapdear of the gight, The ristnese, ratiely, naj varkegatinn if colnurint in the mever Faribties, is matoh more than pen-end-ink dan piprews, in my opanion they rivs n it mith cheritbed is frequed have ohwerver for miny years ihat plenting is requentoly oferlected till the meason in 400 fat andaced, the bulbs in most justances daving aprugg

 arima. on thor own Why, damsart nourthment week hara lint bins tary been prantend it mescon they would
 are a furl $y$ aring an and conalutitg the buliog
 complant lodped mpalatt seedsmen of suppsing bed cooth Thy Eill Hhow at of glane the peocisity

of amonggt specimens planted out，as in those under
pot－culture，the latter being more s injected to sudiden pot－culiure，the later being more 8 ibected th 8udden greater or leas degree of moistures，ccc．Thass cemdittons mainturn，at the reme time，acool and donnparat yvely molst aod heasitisy condition of the atmosphere．I have for
 various manures in aliquid state，in the ysrious stazes of
growth and bud，and also by exposure to various tem－ peratures，\＆e，but am not thoroughiy satisfied respect－ ing the roquisite amount of hight best suited to bring the flowars of this plant to the greatest perfection，
but，as far as my experiance has gone，I am faclined to beliove that the light edmitted by a modern span roof house，alazed with gheet，glass，in the autumn season，has a alendenco to dominisht the sazzo of thas blog－
soms，if not posilively to ceuse the casting of bude，
 if BIr．Barnes＇house is glazed with sheet glass，and
what shadng isused，particuarrly in the autuma senson． By far the best and finest flowers $I$ ever sam erpand under my own mamagenent were matured in a house here add that part of the merme colleotion，for want of space，when housed（about tbe middle of Septenter） This louse contained at the time a number of miscel． laveous New Hoiland plants，was paved with fancy tules，and kept very clean The greatest care and many of their budd aud the lowers that ocme to many of were suad，sump compared with those in the house with the northern aspect．I hsse niso seen many pood collections of Camellisg in various parts of Great Brita．g grown in houses with o southern aspect，but
where such is the case，I have 1 grarnably fornd theri in old－fash1oned，dark strurtures，where dry end small plases，not oper clesu，is the order of day．In
compliment to Srr．Barues，I buow such is yot the compatiment Bicton．IIt is 14 years no sinco I was thera， snd I shatl never forget the cleaniliness and order overything wal in under hit able menagement．

## A

Pines：Cutting Dows．－I am glad that Mr．Berrues has enlightenad the rissirg generation of gardenerrapon this subject，for many have already rlutched at the operation as a novelty．I am not able to look throurh the rista of the past，for bealf go many yeers as Mr．Barnees but I know that the cutting down was performed 20 yeara ago by a noted Pine grower，but this was gecr－
dental．The roots of dals would－bo froutimp plants were dental．The roots of has would－bo fruting plants were
mpured by excess of heat 11 muared by excess of heat in the plunging material betore he was aware of th，and ane parst were taken for some daya．Such was has grevance that he went Trequently，as it were，to weep over the objectso of his sdmirathob．He at last came to the conciasion to
reinstate them in some form or other，livalus that thoy reingtate them in 5ome torm or other，uvang that hay being＂chopped，＂were placed amongst the fryzthgo onee， theothers werearranged amongst the succossions as their sizz demznded；and to has astonshment he found the Nothing short of nocessity，I should say，ซould ever induce any one to overthrow，in auch a way，the oquilibram of root and branch in such a plant as under my mer mate of the effect of this outting．At Wortley Hall，before Mr．Simpson went there，a quantity of Pines lasd been planted out，their age being shout b巾o jears，They showed no symptoms of fruitug，and it Was decided that they should be taker up and replented，but suuh was the meohanseal texture of the sot that scarculy handiaj Fould adhare to tho plant and the roots were in sngtaing but a good state Howerer， One part of the old soll was used（1t was only
 a thrange compost to some，but necessity has no oboice －Dot sod whe allowed to be eut for serden ase．How eper，they rooted in it well，azd they showed ruitina解保 time，thome oritidown es well as the otherg．Where Pinea are planted out，the mere Iffing of them and placing them bank will induce them to drait．I febr Mr Barnes has misunderstood the object the rentlemen he names had in viaw when they wrote．I presume that they came forpard to mantaia the operation as being an expedtent course to purgue in in emerzoncy，such as requiring s fow Pines at eertain time，and pot under the assumption that they werg introduding a bew
 frolwood
Iron for Garden Wails－The deas which I nop publesh map have 10 them nothang that 15 realy nev or original，but they may be worth the attention of those who masy be making bef gardens or alterations In cxisting onge，The larce outhy required ifs kitohen parden 18 to be wailed in，often deters the proprietor a space for traiting teader 「rusts ag the would wash When brick is used the wall becomes in the coturac of time full of inanmerable na，l－holes innless wire be used falling owey，capitat hidiag，placas are formed for destrintive ingeots，to the endless tronble and bnnoy sace of the eardener．I Fould thersfore substitut jron for brute．The firgt cost woald be lass and the

 sutfiesently strong The plates might be sll made suticiently strong Tho plates might be shl made
S feot in widi and of any lergth into which they could



 ill a gate solind giratum was rear add，or at any rate This trench should then hafe 1 fuot of conerete forread
 The top of the wall would be co mine must iat bolted． rom its cenire，add projechng bat hittio，for the wa， hasing a slopias face，could not be protectod by a copmon，except of an extravagant width．I thinls that，as a rule，troes abeitered by mide coppogs are not so haillhy or so generilly free from red gyider in fall．Now it en that recelve all the dew sind rain that structure，with all burf seen that wo have an arr－twabt ＂ill thiserfore brth receiro and retann a great amicun of heat，As have no relinble data，I am not prepared If its retainins or our trees on clear frusty n．ghts during our
treacherous sprinzs，for the radiation may poxsibly be of malls intended to perpery our toader fraits in the couth of Enkland and Ireand，and in the north nod in Sothand our better kinds of 1，ums．Pears，and Applea hot wider pipes could be used，then the tomperature would be under contro）trees run any risk from frost， mot－ma under control，and after wet summers the ripening the wreod A 3 modid be of ammense use in be magle for the heatung of a high wr－pelum should yardg in lergth．These might be placod near the Ckean Vineriess－Would a vinery 11 feet wide，span． Yine piants on the s．of side，trannod up thail side and feel rafters？Would 20 inchas be raitere？Would 20 naceas bo wid beween the
 of the abope are buitables．What quality of 16 ouncea lasss as advertised by dealers？May I alk if the
Colden Champlon
Grape suits Golden Champion Grape auts a cool Flabry gs woll
as tho Biack Hamburgh？$D$ ．Roofs are alxuys tha as tho biack Hamburph？D．Roots are ainsys the 18 ine be 20 oz．The Gulden Chsmpion Grape fs statol，on Mr．Thomson＇s authority，to ripan perfectly with the Bisck Hamburgh．Eos
Phalmopsis Bohilibriapa，－As comparing of notes fesv words abou＊a plant of this fine Oribud under my care hera may bo intioresting to some of your readera The plant has enght leaves，and nuw bears a pancle of 78 foror－buds，itg length is 5 feet th toches，and its stem still is besring a fine young plant，about 15 inchea fromi the pot，the largest leaf of which measures 13 inohes long；sod about a foot higher is another smaller plent，bat whick promiqe3 to become a very nice one tar mon mons．Anotuer plaut，an and is nearly ss large go its mowher wilham Crose， Gr．to the Zight
Dianthus hybridus atriatifloras，－I have just seen this very pretty doubie mule Pink bloomong irsely out－ ofdoors under the north wall of B greeniouse，at M．r． MceRonald＇s nursery at Chichester，not any the worse for the froat of tho tharee preceding nights．It despryes a be ofterer seen in collections tuan it 18. W． 3

## The Rainfall of 1868，end its Effects of Fraitn，Vege

 tables and Plants，－I＇he fallof ra，n during the year lsos Was about equal to the areraze amount for this district but it was so 1 rregularly distributed that the extreme drought and humsdity prere experienced during the deflenency of rana and the whole anount registered for that pery of rass， 6.23 inches．So preat deticit in the supply of rain duriag the period of greatest naturity it egetahle groweth proved inurious to some of ourcereals and senernily and unfatourably affected hay and roo crops．The exme pecularity of the sedson axhibited a marked tegree the impertect claracker of our ystem of supplying that most essential element，pure Fater，to arr towns and nitages． 210 auturan monlis Were wet．The rainfalls which ocourred in August September，and Uctober assisted to make un the average．This was fabally sccomplased in Decomber by h fall amounting to $00 \%$ tuches，wheh abou ectualsed the quaptity that fell duriog gix months on the sping and summer sessons．Oniag to the aroughs take reaned green and figorout，hopes were entertained that with d luer the coplous showers whooh fell tur August a rapld growth and dovelopment of Jound Potntos rom the first crop of tubers fosucd，sud a tolerably arpe secolud crop whe the restit．The dectumas heat，consenuct on the senson，unit the nereasing himuld．ty＇，while it pas sted the prowth，teaded lithe to ane maturity to Fotatos，and tho socond crop Tumbse sown on the $19 t h$ Bugust grew raptily，and atorded crop of terium hakust gre laria emough for isble gutposes，The Onton crop ripened early，snd the tops ried，so that pan could eiford aco coach ta this userall crop，which is in coneguepce scaroe．Cartots are sural
dustrot. A vory havary trop of hruit set on Apple treen




 of Mart L L M M tandard Glou Morceay hasi, i ruit of exoenen

 Hen The trut oflea haike preen and mund, and yet boch reallo the The setrinal of estate of the the bardy demprelire plative of nur merifne and the toctous deresppatar of the himan; in fil fany

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## Notites of Books.

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 ans Yegatable and Flower Sold ( CoumSamphitets entitled Durections fir sowng Glendinning of Bons Llist.
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 man) Litit. B. S. W. Williams Catalogat- R. Dean's


 in Ant buth





 in H H . Pre-Courant dea Plantern Noure. Nex, Ar ini has a rery extenive and viried hat of bardy ancmang i'r is-Verzilumisis neuer und neuaster

## Floristes Flowery.

Trive are for flowers that can boast a gricter
 VMnt. It wo whh to seo this Gow in in ita highest man : the noh. There are thnoustudat of humb



 - ant and lian of double finwern It is carnful The Henwhinn tomk 24 found in timere distinot
 Hon What thafe ner fow though by no menn: oom-
 mancrarm ten of the white during the in writel bit stal rers hat wo tal and roburt as In wriwh of duabien to maglen in thin oolour wis

 positvely grand, and would excule the admiration of the Mrentest boddjug-out epucurea
Stook has apecial charms for many, be ua un to inser
branchidg habit and ita adaptability for out flowers,
rir
the common and moet plentiful colour in the Qaben the white and
a 1 ary to produce varierg d flowers, thus $p$ ar : ad parple sre wery common, whrfe pha d fremt coloura have been frown adjacent to eash other, but purple together. The purple Quoch will make very or ar tat in 1 y
 exists in this casn of procuring imported sead fresh every year to producd good dabble kinda, readers the atane of that srowth acmo'r the poor less possible, It th-y ari rmethe Mital: his the garden

 rit sead of the following kinda finlet lirsi in)



 thout the middle of July, and contanued whthout
 geomingly tho $\mathrm{m}-$ a in is it1 it $r$ ! in in Beyond the soil being f an modarately ornop of Fhiter from the firte in apite of the exessalve drourght, theit vigome of reowth ntomithed ma.
I exbibited at two of our local exhilntions-ob awh flowera, and it ja not too mition to ray that (bay pros

 remarkable varioty of colouring ali helped t ake obtained a lat prize, and in the otber a Firat-dian
 yonr readers. First of tho I's rami in l ins
 the scua jatore of its colour. 'T
druble, hes a blossy dort uren
make, good variaty for a ir at


 tho migles are also fers fine and ettractire. The Giant Scarlet Pyrari in 1 Stoxike resemble the prerious from thear neo the Gisnt Ten-wceks smomethet taller strain, of brimoliog habit, and whioh Fould be best in the centre of a bed ; their height everacal lis to 18 inohes. These are first-rate for cutting from, and Can be strongly rexommended for that pury uke pruple; but ainmlarly phonsh, si the of wr
 they usoumed a tarienativi formi thut adding oonsider-
 var cts of colotans, among which pare whtis, salmos ani biok brown were prattioularfy prominent; these averased sbont TO inthos im beteht, ill if tran havary a robut branohing habit. THe prop rion ci uoubee ta hery large i moreot y right into the finter


 Daniacs, af all riakealinuly 4 mon them for teroration and whare positbe cattagers: Whiliave the ita linis Lo mantaith that surean on of triwn wi it thens *is
 - tummer Stocka. Alezander Doan.

## The Aniary.

Comparative Frbtiliti of Qtegns It is the opininn of some practiral ap arimbs that artuliuntisneored in the normal manerer by bees in preparatintu fur conding ont nateral swarme.
tharably well profed that a
 Whioh the ohange from the ordingry to the rusul narture commenced. It ecems rational to anjl it
 the fourth day of ita emaito in in the Laria 1 -usotat 11
 dernelo couli not beturmod nut कo perion th and fuliy ponld be if the change in her nartura fud commanced from the timo of her emergiog from the egg. It it
thin iate procens of queens Which here been subjectied ta thes at the end of the fint, or at mopt the secord gaseon, thoy are utterly borthless an breedera, and are uris is
deposed and axchanged by the boes if the tume of tho year bo suikable for that purpose if nol, and they are I confen that gome of my artificially reisod q ipe




 were spparently raused under precisaly gamular circun. fortality and longevity
ficualiz murtured is mecessarily les that a qugen ar* than ber stater reared in less prolific or ra' $^{\prime}$ :
 queen in mg aping, that I have ever been bble to trice the oareer of, watenartjtcina Ligurion quegn raleed by




 irestment tusy baw inommonied I have tad mand

 ongavity, but my mattention had not then been by ens the conjideration of the arguments ad rancer tion to the exact conditions wi I hat gatd no atommethon, It, in en minteresting
being oxperimentod. u1 s. is 1
menth and if 80 , of digoovering the cour mostlifely to ensuro sethefoctory resulis. S, Bevas Kor

## skiscellaneons.

Fegetable Prodecte of N.W. Amerina,-One of the
 anrh-western travellers (at loest thome who have boen
 borrice ere rathered in the sutuma, before they are quite mpe and a! fry being treesed into thrm rak: quita trine a a 1 n ma $n-l$ in bart and laid by, When,

 savien i he form SIr water athen thiled, an! mure

 moxut spoos, ate of ben premared in II idnonglkey forta en an Iuding



 arizz $y$ bear if Nuthern Ureroa gud carlormin cat Loupl mate Arelostaphylos fomentoser Punh), Tho rimnder thoot of tarious planie are cotom in the sung will an tia shoote of Rubus mutrene icerco londs of which can to then in the mana on the was to Indian
 Ligutictm mootictum, La, and Pevoernarm lenoo-

 aldilerilla, or "pin-creas" of the C'iab formision, and anme other plates of the mor Ther paod to mal usa of an mpasear of Lichear for food, bot make conil macel askes of Rhodymenis for vinter uso fattain Maspe R.N. "Brtioh Colambis" "ntol bruever
 I never isw ham do so thongh the statement in not at All improbable (bee alno Lutier Lindsey, Journ. Line
 the lumer in wall ince eman in great bleasions, and the luwer athwals) lobks upoa eas great blamines, ond Calafurdau Wh w be let bery akrecatue salal to thedr erosshophers. Jejord

 from the whifes. I hove seen some of them, When
 we cull beactit of at inhale the sur I. . citil it came out at the numen, and they azother, and lie dow Bilanik masolese to sletep of the


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## rately laryo.



## UTTONS' GRASS SEEDS

FOR ALL SOILS,<br>carrtage pree


paris, 1567.

## SUTTONS

trubzs of permanent pasture GRABS and CLOVER SEEDS,
rat.ing slowident Crops of Hisy and superior marge. for the following descriptions of Soils -
Citif olur soids, to be mot mith in tho
 cantiage tree.

Hfiry i,Ohyp, if the same Formatinns, whan

is poou yax Tures for theot kolih, sor. to 20e. per were. Cartise troe.
GOOD MEDIOME LOAMSS, or the Marle of the OLd

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L TGTT SANDT 80ILS, on New Red Sandstone,



Carrlage fros.

WHARP GRAYELLY SOILS, Fuch as the Fhint Ninre $\sinh$ which orertipreads mo mach or the Southorth

 uartago fice
(Tilitki gidils, na the Mountang Limmestane, the
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STEFP DOWNS - The Elerated and more Fxnosed


 Corringe tree.

WITER MEADOWS, and all Latui onder
 REi for tho zbove, 200. Der sere Cartage five.
TTOYG CRTSTAL PALAOE" MIXTURE, for
 GTIUSS' MIX"URES of GRASS and CLOVEB

? flecond "şulitien cheaper.
Thuas REXNOFATLNG MOXTURE for the above Bonct invere in the quantits and quality of Gruss Sparal Contracts made for large quentsties.
Fire per cent alloteed for ceah payments.
90TMOR ATO EONA,


The advantages of procuring Seeda direct from the Growers cannot be over-estimeted.

II M A,t 1



To Landowners, whether Temants in Fee or for THE LANDS IMPHOVEMENT COMPANY




ROTAL
AGRICULTURAL
COLLEGE,









The NEXT SRESION commanem FKBRUARY \& For Formil of



agrtcciti ral edvcation.
The EXAMINATION of CANBI* DATES for tho Boclerres EDU.
 be antu in by Marct 14, nisy Lo abturad on appucation ta

II Y. JENEINS, Secrotary.
in Fenorer Bquate, Londen, w.

$\mathrm{R}^{\text {OYAL }}$ society of RNGEATURAL SOCIETY of RNGEAND.
Per Imperial Acpe, lept quality, 27 r, to 32 , Second Qualuty, 2 Lis
 - Lady Carbery whent wo voll houra Cakt
bether than the Medow Lamd lild dowa With thelr Orms and Lioror Soedts hast nowicn"




| CARTER'G GRASB SEEDS ron LTHET SOLLE. | No. 7 <br> Lifut <br> Solle | No. 8 <br> Erethy Lamentaze Soli+ | No. 9 <br> Sandy <br> Solls. |
| :---: | :---: | :---: | :---: |
|  | $1{ }_{1}$ | 1 l | Ibu. |
| MEADOP rox rati | 2 | \% | 2 |
| GULDES BRISTLE GRASS | 4 | $\frac{1}{2}$ |  |
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Per Imperina Aere, fincot quality, 27s. to 32 s. Gecond Quakity, 28.

 GRASS,
Ab suppled for the frounde of the late Pasis Exhibtfineat qua.ty.

1e. per lb. ; 20s. per bughel (sow 3 buthels per acre).
JAMRS CARTER AXD COO.
237 and 288 , and 261, Eish Holborn, Londom, Fi.C.
of the agricultural tranmormations on a well－ manapul mowng f．arm

Huw did at uen to．in－－Theren a bary a detrist











 rond Ecrapmen．de．，had beyn gathemd ints a hnap，wat plowebed under，and an thur resp of Oate sehieved．The stop from this，through Clover for a year or two，and $a$ Truip crop aftor the eecond er f of corth．What a very grest rt．e． bat even here the menuring came once only in the rotation．By－and－by the artificial－manure manufacture onabled the farmer to put his farmyaxd－dung almoat wholly on the Clover，and



 moner，quoting Mr．IIt tmas，of 1 avtle Acri． poblunthed through the Trmes－$"$ It in the enatom on thin ferm to manure for every crop：and tha practice aprodad．and thi4 of muran wi，I ETrat




 molvel，it sucked cil 11 ．viri ily and hour of it ancral，whowe itnolf almet immelitioly in raf a 1 grieth，atid 10 I wouk or two mar bo man an－ Ferted into the pureal au．l complitent humath foud．Thas，we reperat，a a tran trapfof mmation econo－so much m，that wn are certain $n$ Fell． managed mowne farmo donnt the meneme if growth，will given its apticult iral puator at truls proitumama．

Tho Lodge ：＂arn，it the hatule of the soemage Company，in，wa men tuld，fant beooming a bopo in egricuitural JMarnals．It $2 \%$ ，uevertheleat wo conthdently belueso，at thin mornent，for tha light it throws on some momportant sociel aud a／gri－ cultural problem，the boot worth eeeng of all the ferms withon her Majesty＇d dominions．And mur contemporary，instead of laughing at thw atate．
 might have conffence to see whether these otomes wo not true．Moreover，in the jnterests of agri－ cciltum．Whioh it professes to serve，we submit that it should bsyequoted our figurse as woll wa laughed et our rhetoric．Why was the history of all those autuman crops，sold for $10 \mathrm{I}_{\text {，to }}$ to 20 ． an sers，morefully oxcluded from ita record， When the rery ju int tu whinh it argument mas directed lay in then momition Will it juty
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 mation now wahuad mo tho Thamed were carted to the lad．But＂well，＂if so it conid bo called，Fin bot let alone，and it in mapumbit for any aptwulturist to defoad tho ocormuan lom Fhuch now theter piece．
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Tb＊Central Chamber of A


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## THE ARF\& OF LAND REOTHENTU

 L'TILISE: WFW゙ GE. Lown montanice so many inhabitants to is instion the senage, and the pature of the land rlimate, whit rops
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 and two leathern hame, kept at proper dimeno from
 rour tho inutd manure over two rows at once. If the celd be not boose a mile rrom the tanta man and hal a Finter \& cicted The erponto mill be momply opaid by the devp. (Dr. GMrdnora Harmer Diohonary :"New York, 18坆)
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Water four or six dralls at a time．In extreme years country requires it，the suphls woud be short of the of drought the plants may require a wetering of river or pond water，or， $1[$ such canaot be supplied，to
solubte salts iy the gowage may be precipitated，and solubte salts iv tho gowage may be precipitated，and Fants of the growng srops，the sold matter thus oblained by preciprtation bergg mixed with frest bewage and apphed to stubble land or crops whict could receive it，All this can be done as the erops and land require by one and the come arrangement of serrage mrehmery and arparatus，and therefore at no great expense．
With regard to the proper tume for apply．ng the sewage to the latid and to prowng crops－the four quarters of the conriass，$F, z$, south，north，east，and Wext，would，no doubt，each return a differont answer their land requives manures reque arops answer that question，and itie rule what be found no exception in
 in any degree of dalution required，to Grass and Wheat，crops by means of the liydrate and hose，the liquid being evenly distrbbuted over the slotlace by meany of a shating board nearly close to the ground，as in Flanders，the loquid thus faslong siffer upon the young planta，and about their roots，w．tnout earthang up the opening expanding leaf，or clos，ng the pores of The sawnge should flow freely from the hoso，and not be disclarged in the form ol＇a jet upwards，so as to fall in a heary slower，as by such means it ss whsted the young plants are injured，the sonk is consoldated， much harm being doze in these various ways．It may be applied to land before seedint if buftioiently dry to receirs it And the rule may be laid down as a general one that when the geed is sotiol there should bo a suflicuenoy of sewage sap in the ground to force up the Toun plunts mit vigire suuh as Turmes moro roupl Yeaf， 50 as to be out of dauger from ly．The small coleopterous insects that play such havoc belowground do not like sewrgo－ammonia kills them，In excep－ tionally dry geasons it may not be easy to retain sewage sapp in the soil，bo that the Ameriean prach on wer ing the young brairl tnay be adnabe．Aiter plant are up and beginting lo cover the cond hay atand a goondressing in sud Beans，the extenti of harm in both casses may be greatly reduced．To stubble lands after harvest，in－ cluding Grass crops，semare rasy be spplied by the hose in sny quantity，bo as to place the land in the highest state of forhlity required by aubsequent crops， sud to such ploughed land it may be applied during open weather in winter But when the semage 18 sent to the coantry as the land requires it，the probabulity is that much of it will bo stored up in tanks during winter，as in Flanders and other places，ifor gpring and summer use，the semase beng turaed off from the unaing into ibis fermer＇s tank to－day，his nerighbour＇s tomorrow，and so on，accordind to the demend

demend so that unless farners got thelr tanks litice durnn＇wnater there would be short allowance，or perinps none at all，when the spring and summer camo with inelr deraands upon the masins．To lose shantank and promsing manurial resources of the rowntry No doabt the gupply of towas is nereasing with the increase of population，but claced in the balance with the nanur al requisements of tho soil under to mothrag systems of calturesnd For，judgrac front the present state of voly speah the For，Jhe polion is not keemor propes，the theased demands of the land due to improved cult．vation，manuriat，and cropprag $\rightarrow$ heace the mactical conclusion
It will thuis bo scen that the area of land requred to utiluse the sewase of towns is infuenced by so many causes，that the preceding hypothesis can only be reccived as a very distant approximaton，Had tbe guestion beeas put to the agricultural public in AD 1800，How many acres of land will be manarod with grano and other artificisl fertilisers in the year 1869 there Fas not at that date one farmer in a bundred who
would have ventured to open has mouth in reply． But at the present day the reneral arrswer to the question woutd be＂Tell us the price and quality of the manare with the supply，＂and erery body＇s areal would be fortheoming．And is the supply is both heap and good it will be found sloot of the demand Wil it be otherwise with town sowage？If town sewage proves its valucs，as guano and bone－manure have proved thenr Falue，and if it 13 brought within reach of farmers，whose lands requite it，will they not use it？So long as it 13 sent to the country so wasted be wou to be worth the expense of apphe viemed，snd treated aecordingly Good guanos find a ready marset but the bad，if known，are unsaleable．Indeed，such is the difference intrinsically，that inteiligent buc－ cessful farmery would not use the latter were they to recelve it gratus，with a promume for its application． That towns are now baxianing to gee the force of the old maxim＂A penay saved is two pence gemel＂ 10 the case of the scuare is manalesting itself in every prov nee of the krogiont Tha Barkiog farm practice in Exsex has thrown a flood of ness light upon aconomy of setwase，and also upon the means of obvi－ ting of objections to the old practica $\rightarrow$ tho one rels heslut of the conntry．Thu1 in the flrst plece they see it the fartising properties of the gewage are ponomisad it will find a ready market booner or later In the second plave they sce that the pestilatial anse now suing fro eay－ towns wher the seme tis to flow through imes semers in densely populated districts，as in the metro－ polis－－will be preserved in the setrage during sts course And，in the third place，they see that the noxious maleria arising from grass－land to wh．eh sewrige is con－ inuounty sppied at all seasozs of the year will also be gois rid of，the heal th of the sountry being thus neoured

Theso are great adpances，and oecessary to reslise them to their be alvantagoously enarafted upan aponall the other sewage prachices noi Edinburgh and other placess－med zy．tem requires a larger area of tand but for a siven quant ty of semand in greater amonat of prouluce tomage the mo a grenter ditference between chate thre manurial economy of sewage than it in mis now a woll authent．cated fer！a crown $\mathrm{L}_{3}$ st－the food whin pecificturon kınd，proporison，nor quentety，su：chie conver leintly，there must elthor po coing of in the soll or e．se it mume casen and be liberated into ib ly takes place，batiy bott The arisang from the process of flecom han as general y reabted Hencop of apmlied sewago uader turg system asamint this system，tho ricuer the and lsthe matter tho treater ruer tas malaria given off anta the atomata hand，when the land is broken up io 18 cropped by diluterent thants，axch p spectic diference in its requirements bon of font，the mantur al eements of an better utilised．In th s respect tho grate manure is similar to what takes plate ene of crops when the land la m dung．With the poonomy of thi mal fartuers are farnliar，and the priamples ara with even greater force to seruga famic is not all，for wher the land as under mnem is admatted，so that the greater oxbsea used up an the prosess of dene of the sumam the atmosphare ad not frow with sulphue or carbon ti e．，sulphine yas or carburetted liygrogea sapl is ato the former process oitrosen there is strong reasons of the nitrogen of the atmosphery untes with tho hydrogen of the water present，so as to form smmonis，Prom ments made in this country，and on ammonia has been thus made by athasd rem decompozition of orgapic matter in properly aerated， 38 a natural soprcod the liberated bydrozen and nitroger per beng the case，the anthons thum form land to utilise a greater proportione ds elements of tho gewage than wond obere ase．Adding these dififrencesf regthing favour of the arable systoa of somes compreed with generally imagined．IFr．$B$ ．

AGRIOULTURAL STATISTIOS．
［Wo continue the publisetion of the offieisl tablen］



| Deseription of Crops，de． |  | ad Kingrotm <br> Ifcisnd， | ， 1568. <br> Total＊ | 8meden ${ }^{*}$ | Norway （in 1800）， | Denmark Proper （in 1806） | Prubsa： <br> （in 180＂） | Wurteminerg （ in 18 BO ）． | Bavaria （in 1803）． | Folland （ H 18 l 180\％ |  | Franco （im I 8 E6） | （1906 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 24，63，502 |  | 30，615，636 | 4，105，0．01 | 1，701 1756 | 1，608，362 | 23，011，237 | 1，746，329 | 4，774，515 | 3，582，416 | 4，890，00t | 3t， 5 5f， 000 | 19月50］ |
| Total Area | 56，964，000 | 20，323，000 | T，513，000 | 89， 3050000 | 78，248，000 ${ }^{\prime \prime}$ | 0，568，265 | 85，003，000 | 4，814，000｜｜｜ | 18，770，343 | 8，111，八＇5 | $7,241,145$ | 132，${ }^{\text {\％}}$ ，000 |  |
| $\text { Total } \begin{aligned} & A \text { menderso } \\ & \text { Cropa } \end{aligned}$ | 23，055，004 | 15，573， 970 | 4，4，659，545 | 10， 194,472 | 113，600 | 3 63,540 | 59，510，85 | 2，831，873 | 11，049，982 | 3，795，291和 | 4 511，3e6 |  |  |
| Sod Crass，${ }^{\text {a }}$ ， |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Corn Crops：${ }_{\text {Fincol }}$ | 3．852，195 | 286 | 36.5 | 317.242 |  | 10 | 9， 1 嘌 285 |  | 1，04， $\mathrm{P} / 5$ | 200， $\mathrm{EsF}^{\text {a }}$ | 804， 758 | 17，859，2\％ | 踝 |
| darles or Dero | 2，151，324 | 188， 25 | 2，318，069 | 178，04 | 120，124 | 6．83，24， | 2，889 603 | （ta， 46 | 1715，456 | 303，650 | 110，130 |  |  |
| Dits | 2， 1551,050 | 1，699，939 | 4， 4680.387 | 1，315， 220 | －5， | F26， 140 | 5，T4．205 | 315， 040 | 111201s | 272，506 | 54134 |  | 2，$\times 1.8$ |
| Rye |  |  |  | 850,40 | 24，308 | 518， 3 20 | 8555,808 | 104，355 | 1，454，999 | 501049 |  | 4.68 .8 |  |
| Bears and Peas | 896，134 | 9，870 | 846，555 | 132，248 | 8，496 | R9， 6 27 | 1．01，008 | 50,78 | 121．479 |  | ${ }^{143,964}$ |  |  |
|  | $\because$ | $\because$ |  | 1，290 | ．． | 4，004） |  | $\int 5.309$ | 444 | 10\％\％38 | ${ }^{80,517}$ |  | －1，违 |
| Rice $\because \cdot$ | ． |  | $\because$ |  |  |  | ：11，651 | 4．4．3 |  |  | $\because$ |  |  |
| Mxed Grain Other kinds | ． |  | ．． | 153，000 | 40，48 | ， |  |  | 0，615 | 9，550 | 102，28 |  |  |
| Total uniler ? | 9，433，532 | 2，102，485 | 11，659，833 | 3，078，914 | 464，49 | 2，360，490 | 22，511，400 | 1，297，040 | 4，378，698 | 1，330．612 | $\underline{2,494} 4$ | 39，804，050 |  |
| Green and Other |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Cropo．－Totution | 54,043 | 1，084，833 | 1，58，213 | \＄98， 300 | 60，780 | 4，800 | 4，285， 304 | 108，054 | 61，197 | 870，102 | 9，850 | $\begin{aligned} & 3,55: 519 \\ & 1,530,9 \end{aligned}$ |  |
|  | 2，487，448 | 342，022 | 2，\％82，131 | 400 | Not | 8，915 | 1，241，606 | 17，49\％ | 180，207 | 589 | 81847 | （inclading finu winter torder） | $1$ |
| Hopm | 64，683 | ．． | \％ 14.48 | －． | － | －＊ | ＊＊ |  |  | 的 | ．． | 5344，500 ${ }^{\circ}$ |  |
| Tincyard |  |  | ．． |  | ． | ．． | ．． | 13，197 | ．． |  | ．． |  |  |
| Flax＊ | 17 | 2000,446 | 293， 197 |  |  |  | Irowiuld |  | $\because$ | 88.80 |  | ． |  |
| Hexif <br> Nught Hect | －． |  |  | \％ 88,100 |  | ？ | witb oflumin | 18， 18.90 | ＇ | 2，504 | ．． | 1，30 |  |
| Kape and other ！ <br> Ou soedr |  |  |  |  |  |  | $\begin{array}{r}\text { 188，} \\ 1,485 \\ \hline 1085\end{array}$ | 20， 27,884 | － | 12,54 co， 04 |  |  |  |
| Burce Fallow | 258，291 | 24，017， | 994， 248 | 884，400） |  | 40，453 | 7，648， | 940，27 |  | 85，208 | 159，112 | 12， $8 \times 8.8$ |  |
| Grass，fice，ubder ： | ，060，008 | 1，801，59\％ | 5，600，319 | ，322 | Nor | 329，836 | 5，100，6：0 | 21， | 718，${ }^{\text {c }}$ | 350，620 | 306，787 | 6，931，509 |  |
| $\begin{gathered} \text { Formantent Pas. }\} \\ \text { turu } \end{gathered}$ | 12，136，056 | 10，003，018 | 23，104，584 | 4， 880,000 |  | （2，33，859 | 15，852，313 | ©58， 2 28 | 3，578，847 | 2，008，353 |  | 16， 306 |  |

[^5]Oit－For Russia，Swilmerland，and itilg
For Rtisiia there nre no Returns of Acreage uidior Cmpo，arc，
For Rnasia there ne no Return of Acreage widar Cmps，der


For ltaly there are ho foturns of Jle Acreage under

 and Cuentant 1 janteters， $3,462,830$ acrea

## THB HEREFORD BBRED OF CATHL

## 



1, tr t-
, in an of a rapdly-meressme and -. wat ut, st out Le ofler Lant tl e area is mothy revluced by lwe con! Tr as and the $x^{*}$ msion of cittesand towns.
 a' notwlyser mat into the kingdom, sud ineressed guanluy fattened of late yeara by means, beef has steadily increased in value,

 . I H hod hood fr the thur $k$ to feed - poth t jrumg an a buli-meatedath mals nit lat ta mus lio satce plazie, w la Ifect :u per $r$. it at leant of tioe rise is to tat bef ie miellitioned callase lam i0) True fa ta, we have that of the low price uf , w, du trea trate is the rul $k$ frimuthe suri"ata ara produce? The answer ar lish I I the 1ratisit, reiders its importatwat
 portation dificult and expenvivet and, as the salue mext applies to the maer ytul dey ${ }^{+}$e his itmiost exertiont to the proeat Iinv dewderalurn dus.ess hlo if into there mata azeliwnt.

## Tme Hereford Brebd.

The Mererorus Lave been severely tried in compeWrem krierat tris fist, and a.tiough in the man they

 ir breeders may well be proud, when placed her treeds in competitiou for That was parhatary wes chat
 1 fitl. C.ub, liss provad that it e averaze Mexford stepers nul oxen exueded that laf lasplyts as meat producerz, whe triuls in tho feeling stalif or on pade wase a it onter quand that of an halal foel revi if $311+3$ of raptule than tase of any
 3 hare hutherto commanded. Therefore it is of prenest anyortance that in the selection of our ing animals striet aud sound judgment stould bo
 hof that whis $1_{4}$ attracts the ey e Wey would not pozess that c:

 arma a trelow he sercral pell conts of


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\text { in } *=
$$



 ans konce quathes tury mny pessorno.
 the stien hun of our preed requinite to be exerased ins

## LLas up made the seloction of both male and female,

 an 1 upon thie first pont under lhas head depends much of the hreeders Iuthre alucoass, wis, at what age cannot help thomang that much injuFg is
 ethatat ne aflume is broakit to bear premp ture
 beny in ser 15 (thist lu my of a oll no bul tunl be used before he 18.18 months ofd, and no heifer should The nost mull for coni, derato
The nest print for consideration 19 , nt what period of the sear should they be brwigitt iato existence to enatire of it are ut mex and bere I thath we must

 kIn w that it is pass.ble to ratike fine la abs of thame drepped in Noyember or Necember, $b$ at the cont is cortelhmik too serious for brec ders gacrally to conternliate Tiyed why, iavk, bliound not ewth of the classest
 Porefathers well undorstood this, when in the zodacal slans thay gave to the sheep, Marol, the caitle Aprit, and alf creatinn May Notwithstnading all tha, the breed.ngycar for our catlle has, durmg the present Gentury, been dividod into threo dat net periobls Thas we have soruc breeders chdeavouring to obtain the ar river in the sammer or early autumn, in order ti at thy may meet ane rules and reaulathos of our freat matinbal arricultural societes, others it a later dato in alitumn, because $11,0 y$ litere tpen $t$ at by hinh
 fond wof palves to turn oxt in the sjer me, bit wh the

nation, by far tha greater port on adoere to tatit periut
whach in my otis inn is more in accordurice with Nature's laws. I wili now endesvour to denuanstrate the evils of the first two sysiems, and the adrantages atleating the latier.

First, then, as regards summer or early autumn palving wher hns been prack mat forced ngon breedery "Loo an wre lo Roy il ud olser ist.ngthsheds shomyard
 hir ciddrap iar first culf In order in do this she midat


 l. harn so wal alded to tevelop her $\mathrm{t}, \mathrm{h}$ k epmper-

lacter secrel ons, ard oftenthmea to th $A$, ather of aer otin life whion thid day of parthration hasarfach eydn supponing sho has eseraped abortarn ula. bias erind whent thio oor Plimsed tormienta of fles Figte


 af which he will prove troublesome to bo set at Jarge Thus ata animal, upon which somuch of tho broeder'a ut ure success is depeadenis, 28 , by the unnatural season thilf hig wit rared, to it great extent apprived of the genial rajs of the sun, zud the 12 s. Foralang and refresting brea of the atmom here, the fond caregses wh. "h aro riydisito t ) lamin ca.ly jife. Alded to



 Hiald be lat with the bull abrat the elly if kate on drj dietars, ich, althengh there 14 is the ime chance of paerpatiol ferer with cons eulbily late
 atadill Jut, dike the fi rmercoss, bekejit nel. Lpomexten-




 that suciuktit $f$ rod wh $n$ as more fiv israble for the
 milk. The calf, two, atie the former, must be hosterefed, when the form ant ar unt atural trembent at in perind

uman formoght an alj in the eelection, od dath in a rety erte is taken by breiders of first. lans sterk th Uritatarrak in which are arpare 11 de se pedt p we dater of cows ard lif re trishar test
 ni, g eariy barren, and that thes live lent i


##  two latthe exorelyo toom much warmulh, nuis too grout a disegard    <br> 

3. I mill now procood to consider the adrantages
 Satures sass The buter, to colve uri iphil or May iutust. at a be wath the bult an duly or early in

 $4 \rightarrow 5$ an car suc can be kept in a most inexpensive tase of fart ordan draxs a a ary nor food thatd be mproved ade one 1-id a be witheldisly a few hour
 perties. Al muguta she should be praced in a rocrmy and well-ventilated bulldeng, some week or so betore oafring Onder such treatment her udder and milkreins will become diatended to the utmost ; pet no anx ous fears deed be entertames respechag her, as her cond. Lom wha be lhat of a heat.thy breedinganmina, and the calf, when th matios its anpearauce, may farity be expected to be a fiate one, with plenty of Natures food provided for its wants. After a fer days the hemer hould ho itraed mito the pasturas where she wi find that food best cal ulated to meet her wanke,


 $1-$ tures u the lar where hio is I re ture to further
 woaning time arrisk, whens he should be placer in a my experience onables me to form en opinion, this is both the cheapest and most healthy way in whath a mull can be reared. I have said, "he will require no further care than that which has fam mon bestor 4, nn him." Now, let us consider what thet are will the and its eftect. In early morn she freely yields him $\mathrm{hi}_{\mathrm{a}}$ maturat meat mimh warme has stmant and prepares at for thes fece of (irasa wh at, he wit proacntly Iran and what at bee is erajn mistic first meal, ber

 uction of the tongae, and a 1 bely escratation of biod l curame vrossth of boist 18 the remy promsted, as also lig a I treeders. IL a meal bemb ended, be runs and
 be well 35 has avery muscle, are brought into healthy enrly land. sil be inexpensively kept in the strawrard. and, wheltar taken to the pail for dairy use, or the (ifipring be contused to be reared at ber fout. the wall be zic.ding a maod return for the rich Grasies sho duty consames.

(th ba Contintecio)

## 

Sewage Fardaing Prospects - Your corregpondent, WB. in your paper of the 16 th inst, hasing made re juent reference to the farm, I am aduced to notica mislead tho inexpertenced. **W. B." seems to think masead tho inexpertenced. Be seems to thing the milk producod at this farm, in some way connected the expmise of the sex ard systell of cultivation. rat, experience has proved rather the reverse, for rid nare one the ority dithetity is mathe fis that
 tian by, lant le dies $\pi$ it seen to be aware that grow ra Rjan trise to t.e i to cof the demand is the Minst produthe applay of of eesaze to thie lid d. It
 arject to imprownent that $t$ Erx, rreece of alac-
 a Cetals \$ probuble, bit 1 nm not sware of any pateat

 - Wr is." mas deem lie appla.ator of reswage in every crop, such a laoaledgo as lo ceculd bave pa ged by of tha proncedion here, woulid have, I thonk, sata-fied London serage in s hqual f, mm coutuned rrnis of Wheat, Gata, Mrofe, Canargesedd Turs ipe, Cohation Sugat iBnet, Ouinns, Yanzcla, Tursipge, Cinhaze, sugnt Bret, Ouinag,
 3 Fily due or that prochee. in. difan of jectern, it is
 aren hats for 4 is realy an of je then $t$ all. aranot grom erops on equal s favourable ternasa otier



 to draw stientinn to that trustile rest, le, blat da,

 Thptreg Hall Live-stock Accoont for ISGB I win
 gin acres of greers ani font cris" 1 tave lutys a I prove it? ls tak ng Mr Lamey exthmate of to bas been consumed, and by finding all ays crops of a has been consumed, and by finding ald

## Food oomenmed.















 tensats of Baton Rothsohald's at Hutton, whuse armes you will find in the Earth Closet Company's ciroular, are per


 as the me lich limanter, to matue him more readils to


 tom for it, wh.. it thotike on to the sether master, shat carefoly 15 sit enperiment One mas quate
 Finqile as re of smempan the othicr, R Hagne fort of fordsngton, wrote thus tu the manager of the larth,
Cloget Company -"I used some earth that harl passed Clmect (cimprany - "I used some earth that hat pass
twice throupth the earith flosets in the day -achool



 ann bri whensel wer the wiole picte atill, ans liaree
 sias beralise the lard had net been rimiket the aron
 and therefore unfawnirable for lkape If I lail rent used the enrth I should have drilled sir suoks of bones in tle patre, enting ise" Menry Ifumle, Fordington

Ir Yecha I den dimily displam to be an agrirultural that her On the enntrafy. I amb aluas*
 the mext, mirkies of agricultural prartice. Tin shur that Thake publr mig hacta and prarice, and foancoll
 and th tu dusive prof tahle if firmat on from eath ofther Ir wurae such n sistem a unj a atable to thoe wha Firh to mike farming a bole nod-r ropr huanpay ard shulf it from lhe ixht of observalion but the time fir that is gone by, now that we have goon roadd, raima3s





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 A third manalime me for griniling my nwinnat m

 that bimeratice I don't spil lean animate I to nit breper any 1 a, hrand lon lamhe annally, and selt them an fit matten at a vara it I alwayn liand th pear
dangercuas, i stati! futl to myay not that sel na loan

 ment Plenty of fot stnet und pintity of marn trat
Malt for Beor - In J Jorita Tipiree Kalt, Feb I
 te rontaning mention of a brewieg of thron finetrif harley meat to non of malt This propmet onf if meat is I fancy, whasual, hust surely the use
 ann's " ("Yamater of Common $L$, if" this use of mima this if a

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 althatixh ofirmase we masured. and worthless but it uas qu te oltorres
 all e it had bean a mondither daferyp. altribut nemitio fertilly to tafaclion of the malation ( $r$ ages of veretable mater ly na it were atod literale atre ma in the mat t si been at in e latilioeti hy tre telak bly for the puthinime of dempst. zta rim Singe in it elurfan whete thob Grans is almogt in rod hir $J$ IS $E$

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 Ther peasen for agan on thag is tam ruaself an wel, $s^{5}$ thast af atber tes Havi thr turelt to
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## $\because$ pear, and sheresset yalue to a penay <br> a part of his crops-that is hrough the bushel, or could but simple questions, and and as Mr Mleohi has traordiaary <br>  <br> athely, Wral <br> ع

 aingle penny for eacts your, befure ore the market price of them, by any old beve beon known? Tho same be put, and with still greantor forco, a ; but I forbear puiting them for tho
ah!

## Societies

## 4. adricultitiral of enaldid.

Frednesday, Fithruary 3, 1869, Yr. H. Shompson, trustee in the chair Lord Chasham, Lord Tredegar
 Challover, ME. Clive, MP: Mr. in, Mr Mrandpeth frhhe, Mr. Homaby


$$
\begin{aligned}
& \text { Ir. Voelpker. } \\
& \text { Danmore, Stirliog, N } 33 \text {, wis } \\
& \text { Society. }
\end{aligned}
$$

## rlisle.

## a, Jrafford

## Tattoan Dalo, Knutsford, Chand <br>  <br> Whl Hall, Atteliorough, Norfolk

Po Hodgoo, Alarton Hant, Pagrith.

## Sullonoh,' Lcechiddo.

## Creseant

Nowanstlo-0n-T'ync
Windsor Creseonn


## जleo Wood, Iookhampton,

Prampton Hall, Panrith.


## $=1$

## 5 <br>  <br>  <br> 2. Pousoaby Hall Whayt <br> Talltwardino, Herefordshira

## - unt lir.ujurt prrupnlent the report

TMinct
\& a tremerinmal? infel fiere fimend correct Tan hsin conbeet fur the quarter as, and the statament of subwere laid apon the tablo; the
due boing 11468, One hundred members have given notion hundred mithdratil from the society

- r, hamrman, reported that, tuttee, he hed (during the he motho papers of the 7. :- respectively in aphesw of the authors the Jouras! mitlee ficonI ublio adverfien Howras, nad atmo thin Committee be empowsod sriter to inspect and report 1 farms in diferent jarts of publishipe the reports in the , all ocenppected to be at grant from the Coumed for in meed $100 t_{\text {, as }}$ the Committee riza for essays, communimet Tal repesses, If mas smborated it wwanded the prize of sol


Clement Cadile, of Glouroster : and the prize of $25 h$, in Breed IN", "Oth the Riso and Progress of the Davon "Spero," which, wos wrotten by Mr. John Tanmer
 should be accompanied by that of the awacd of the praze of 30h an Class In "H On the Farming of Middle -x, 1 thir [i+ \% d, C, Clutwerbuck, for his ossay "I TH reniorl latas yul been publighod,-This report

Ho, he - Vi, wount Bridport, Chairman, reported of the queation of obtaming addituan cotamithec rooms on the north aide of the house, as they can be Frovided at a modernte cost; and that tise Commite compurered to lay befors the Coungil a plan ath

 invies reportent tat the secratary of vie biancheste Lox al (foinm the inwing called the attention of the Cumsuatere to then wbject, it had been agreed to recom acrud the tun- to rppont a Special Commites to conifder whether any and what privileges at the Sooiety's shows shall bo plinn it thim d worsl in
Local Gommittess. A dscussion then ensued, in Local Commattees. A discussion then enstuod, in Mr. Randell, Lord Chesham, Cosonel Kingaote, Ar Thompson, Mr Bracrirath Gıbs, Br Cantrall, Mr Milward, Me. Jacob wilson, and Me. Duvies took part Untimately the recommendation was whtharawn, Mr Davies adopting the suggestion of soveral members of Counal, and giving notsoe of bia inteation to brins orward s resolution on thesubjeot at the next Counci mefting.
Showyard Contract Commiter - Mr. Randell orairman, presputhd the following report
meotling, your Committoe have in lay befaro tho Coumell a
 to compars the cost of the show whe to ebablo tho Gnanel




Tho cont of the Worceater shetryter whe


Lacitastut. -

Cont of I esenster as alore
That is, the toioneter ahowyand cast
 the canme extent nis Lelcester, the cost of the former woutd
 latter, and this without credition anything to Laleastor for the frapmofed chamoter of the bullding had works thore, the
 to the offoct of parchnring, instead of buritu, ats formerly, those buttdragk,
The bmount patd at Worecotar if the I ire of
And that, sat tho manuc peate of eliarge, thre ind

## Wherean at Lotenster the whole cuat win Chowing in diftorend in favour of tho present

arrangempent of
anfter paylog the cont of maliwny twinsit, "repairn,
employed.
The surveyon' report had bean considered, and cettun sumgestions Wrare recommended to the Counca -Th1s report wras didopted.
 of 1 1se coman thee - 1, T'bat Sir T, Hesketh, Barth, Y-L., of Rutiord Hail, Lapoashite, be proposed to the comedis in accordamoe with the realution of the last meating of the commitwes to by the election of the Dake of Biohmond, K, G, as of Stand IEall, Whateceld, Nand bester, be fleited to
 posed by Mr. Thompson, nud aevouded by Lord Brid port, Was then unanimously elected a momber of Coumil; and Mr. T Statter having been proposed by
 wavimorely eleoted a momber of Council.
It whs resolved, on the motion of Mr. Torr, to repeat the advertrement samouncang the jntention of the (Gu+1 il to buid the coutatry merting of win at hent Oxfordghare, Surray or Staser.
A bettor from Kr. Walter Farthing, of Stowey Court, Bridgwator Wh read; sud it Fras rasolved that his heifer, born July 1,1868 , is eligible to compete for We societs's prizes in Class Gi of Devon hefers not exceading thres years old

## Parmery' Clubs

 LONDOPampariom and Vatarancy-On Monday Iast Mr. Trask's promised paper on this subjeet whe read bafore the Samert if titi Club in their ngembly room at tory remarks had beon mide, Mr. TRasE came to the
Nugronad of his paper.
cotal number of peapers of ant olorsors -I find that the

Wales on the 1st of Jonuary, 1868, was $1,040,108$; and at MCichaelmas, 1848 , it was $6+$ per cent moro than at Hichanlmas, Isti, and th sucraus has boon temeral throughout the kingdom. It ts diflecult, to fully com prehend the state of thing which shese ligures itud.cate take, for instance, the borougls of Tamworth, whet

 and obildren cu, $\operatorname{cic}^{1}$. equal the number of ottr 'apers south of the Twead, or if wo take another prarlismentary borourh-that of Richmond- For shal cequire the total number of ats unhabtiants to be mul tuplied just 203 timas before wo arrive at a number equal to the paspers of Earinad and Wialea! I think by an, that go one boed be surprised, waten we are told by an eminont Cabanet Musistor that "Thes is the grest problem which 18 now bofore og, li is wit fus

 "and by solving this problem, is to spply smeh remedte as will as Car als possible, land lo a permaneat mitignfon of the evil for no one suppoits that patuperism ebn beentirely eradicated-it will glways exist more of ess, in a mrest communtif. In proceeding then to con jider tho best monas of permanently mitkatang thas reat ovi, 14 ghould be borne 10 mind that we hese to deal with diferent classes of paiperiz, that reyuro atally dafiretat (reatment and lis of aer to d.stase the
 atceasary to trat of each class separataly I nhall II cralira take that course, and point out where in sidur the existing system has falled and what iteps should be taken to remedy ith I ghall also show in
 farses might bo inaprovod. The oless of paupers that laall fint refar to are those mithsa the work housa,
 Thi, dang of inmates are ohildren under the ane of 16 and I have long sinoe folts after severat Fear alose observation that no part of our poof-lon syatem bas raled peary es munh as in the oape of theso chaldren As or rule they are taught to read mrita, and oipher very fairly : but as for a katowledge a any industrial cocupations to enable thom to geti a
 lave nearily 60,000 olnldren in the workhousea, and of L bese probably more than two-thieds are orphans or mportant it is that these onildren should be hrought p in suob a manner as will onsble them to pet an ponctl Impos in the wotlid, and not to loak upon satate openperis tpaperism and a come in the workhouse to be the Shy wheirs, as I rear may of them do zow, A ince, Profensor Buckman is reported to have spoken ince, Profensor Buckman is reported to have spoken gurdiara lio lia 1 beon very much struck lataly vith guardiach 10 lia. 1 beon very much struck latery with a Vary imgrothant queat i, al 110 found thed the obthletth

 preparcul to s sksest any eokema. But they hod boen old Jately that furoikneri ware supplying their nay and that the wore entisting forelgaers for the armag ho la not see muy tuer pauper cmarea shaxd not be sen the comtri whom, nibe conn, whe to had been think ins of the mettor for a considerable fad been thinking of the mather or a constanable highly discreditible to the mution, That was an agriculvrai queston, and one whion they would do well


 are, but the explation are, but 约e cxprise ol bridinidz them up in a proper manier ia worklon on wint he faormous, and the restait almosi certa n in be unsatisibctory Epen in salaryes alone in gmall Forkhouse sohoore the oost is now from $2 k$, to $4 l$, for ench child, while at birmiaghnm, wherc there are neatly 800 onjarens taught, the cota salartes of the tearlerd and andustrial unstructory amount to boout in per head. But the greater saring, 10 heving the children broupht up in instifutions expressly adspted for them, apart from the worklouse, would be telt through their bernf taught the meana of perme. aenty keeping fhemselves anc leaving the surtitutjob, and not to beromge a solurce of furtber increasing the papertim of the country. After arguros that the cost of educating children should be borne by the mational exchequer, and wheir maintananoo only thrown upon Lu0 Mor-rates, Mr, Jrasi dearibet the
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[^6]KNAP HILL NURSERY, WOKING, SURREY,
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Farm Seeds Direct from the Grower Clltith sit itf 1
CHARTER BHARPEAAND CO．S TRICED TRADE C．LIST of TEAS，BEAMS，woll othor GARDEN BEEDS can So Beed Fotatos．

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the binest atran of Intermediste Stock rixhat.
The coliurn aro Purde, sarlet, and white. The two frat are remarkably brillant, and the latter very pure They produre immense branebew apinch of large douhle flowers, and are admirably adapter for nbbon bordens and genuruit bedaidr purponce, ndeed, the effect whe hat be produced by these three varsetics in both spring and in May to thele blomming plunch the urnaunt of doublo plowern prodiced, and the grand daplay they make, is truly


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Intend to rem, out the above-maned charming Clumbers, for the first tume, carly nest May': and are now propered to book orlers for

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Standard Rabes, and Dwarf Mal STANDARD ROSES, beyt limes.





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ICD BOCIRTY GARDENS, Regenti ILOWS or SPRING FLOWFRS, MARCH 10



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PINE APPLE 1IRNAS for DALLE - About 200 ,




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 FIDWER of SPRENG NERANIUM, 200 latit year' I plate, Fith Cottinm fort or potal, for
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THE WHOLE STOCK OF THE ABOVE BEAUTIFUL PLANT，
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 WILLIAMS MPR JFFD GREEV CUPLEU BORECOLE TILLIAMS＇ALEXLNHRA BBUCLOLI
DELLAE ELSF，DARK BRET
WIMLAMS＇MAFLHLFSS RED CRLERY




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NDNERAST PARK ONION＋．＋is ARD
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 （Jamese itrda）


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GERANITH LE GRAND




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ATHL\& IPRNMFRSON AND CO ean supply strong



 GTMANGSTANDARU SDA DWARF TRAINED


 (YURDUN APPLE TREES, on the true Freacb


F INE OHANG广, TREES for SADE-Ten Fery





## Frait the First geason.

W Frut ha krat season yors, sonns.
 PYRAMDAL AFPLES End PRARS, fill of but bods
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Flante for Hedreb.
TTWO HUNDRED THOUSAND LOMMON LATL





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FOREST TRRESS, Transplanted, can bo ent




THE ROLLOWING SEEDS, truo and good b



Sromhunil or Altat, grocen fleb toso
Brcklond soriet-fesh, excel eut fispow





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CUCOMAER, Buyl' Improvel Tolerraph feruel, 2s. per paciek,

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4bluif. - $A$ very same emortraent to name, 64 . to 24s. per dozen.



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No Foxes, no Foxes-the Covers are too Open and cold
 Covors For the beat and ollonpot for thickeqnan lisme and For

THONG TRANSPLANTED QU1CK, $10 \mathrm{~s}, 20 \mathrm{~m}$, ond

 J. ARCH FYL TREES for SALE,-Several thousudr,

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 'TO the TRADE AHd PLANTERS nnd OTHRRS.-


WANTED $t$, PURCHASE, about Five Diozen


 Foll-grown Evargreeni.
$\mathrm{H}^{\mathrm{P}}$
[ENRY GODFKEY, NURGRRYMA, Stourbridge, ban


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Tharne nd surarior mook of FOREST and ()RAAMENTAL





The Nutatch Dentries, N. .
FREDEREC PERKLNS hus strong plants of the






Thos Chipl's To the Trade.













 The Nurserics, Tunbridge Wwis, Feat.
BOX EDGING and COMMON LAURELS-


 POTATO OSIUNS, af ga, For owt
JOHNSON'S PROLIFIC WHITE KIDNEY


FARLYCORNISH BROCCOLEBrocedil sent its popat fortuight thera bat heca a kopal nippit of


 por conce, formigi or postajo frea
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NEW TRIPLE OURIED VARIEGATED
















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S'TUART \& CO., Seed Growters, Nice.
Warthouse and Ories, whene Btock in kept for the supple of the English Trade,
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Catiforite on APPLIC.ATION
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## SUTTON AND SONS

SEED GROWERS,
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FIKST PRIZE SILYER MEDAL,


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For the SUPF,RIOR (il'AIITTY of them gtel
EI'TTONG COMPIFTE COLIFTTOES VEGETABLE and FLOWER BEBDS, for 0 Supply, Carnage Free

Collections of Vegetable Seeds.
No. t Col dethon for a harga ganden, carraquafre

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POTATOS FOR PLANTIX carriagl frte
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ETDNEY VARIETIFS.

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BU'TTONG' RINGLEADEE PSA THE EAKliEst N (llthathes.



 Hetail lrioc. \&t. por quart

## BUTTONS' FLNE LAWN GRA

 For MAEING NEW or IMPHOTNG Hi Lall As or CROQL LT GRJLSOH
This Mizture conaiata only of the fint mon


 be cown perkg nure.
Frr Improving Old Groande, 15 lb per atm
Pree is per $1 \mathrm{lb}, 2 \mathrm{~s}, 6 \pi$ par gatlon, 30 se De
"Munis on tho Formition and Improwner
 Gt108, p. 67, prive 1s.; Gratio to (us)
80TTONS' 8 EORT BELECR SEED LIFT all Grutis on application




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 A A freegor nit vailoty mith
$F_{s}$ This bas sti 1 loss the goidon


 The Bet of Four for 14s.

poratos (Best kuds to Cuitivate).

## - Chayplos hidsey (for foretubl, 5s. per p



TLTXA'S PRIZE MEDAL IAAWN GRASS - pur on soy rof of tinest quanty

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CARTER'S
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Seads Drect from the Growers the best mexns of TOTC Praventing Dleappointment.









## H









Sino in me choca
COLLECCTIONS
cholce 2n

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(LIADIOLI SEEDLINGS (Mymed) - Beautaful Fiowers


## Gladioli, the most Extengive Colleation.




The Gardenergichromicle.
SATURDAY; FEBRDARY 18, 1869.

Taik report of tho Rival Honiculitial Soctury, ac abstract of which we publish in anothor place, contans hitle that has not beon at shrious times commented on in these coltuma durnit the past year The establishment of the Scientific Committoe me have erbe held to be a judicious atep, serving to give increased weight and euthority to tho Socioty, and bringing it, an the arknowledged centro of horticultaral skall mid loortioaltural knowledga, into oloser connection with thoso collaterel branches of scionce whel havo so important a bearivg on gariening pursuits. As this Committee and ats deods have often formed the subject of commont, we need not dwell on them now furthor than to havl with pleasure the announcement vagucly mado in the report, and aftorwards more fully explamed by Mr. Wilsuy Saunders, that arrangemonts are berg made to amend and accelerate the $15 s i d e$
of the publuations of the Soclety. At present these documents are a larghing-atock ani a roproach to the Sociaty. Evon the Journal, the contents of whoh ure satisfectory 80 far and they go, loses all its value from the excessively long intervals between its appearauces. a circumstance which must bo oren more annoystig to the learnod and dasorfedly raspectod Editor thats to tho other lialinWri of tire Suchoty, For our owfs payt, wo thanh that the benefieal operations of all the 1 ommittecis, and esilecally of the Scientilie ('ommittee, are wery materially impaired by the rregular adid woporfect way in Which thoir proceedings aro recorded. In the ense of the Scuntsifio Committea, or of the Juurnal whech shouh serve as the "Transactions" of that C'ommettee, what hope is thero of inducing esther practirel horticult.urists who have anformation to commusicate, or scientifio mon who hare exprmments to record, oxplanstions to ofler or sugestions to make, to come forward and coutribute of ther abmandanco How differeut would it be were it once known that the Society afforded mearas for the diffusion of rig. तl y eelected horticiltural lore of a high-class

thay are jwa trel
‥3t. of it.... of
 grenter honour to pertan to thone not mentioned In the Society's records, but information of is aharacter not of ephemeral interost only, but likely to be usefil to eomn; premrat otos of horticulturnsts. I ho eloge. as Eituerto sarsed on the score of denci ant thrnls atenco ne ith of no great werght, beculus the increy spent on the present numerous but most zuisutisfitctory and fragmentary publuations must lo almest ns largo as mould lio necessary to cover tho cxperses of a imptris or nine thly ditast, bo proprarolas to beof value te tho Fill iss and a wad $t$ to thoviructs. Such a publicatoon, for which tha

 leost indirectlyt, replenish its calfers It is a fur question to put in reference to the not very favourable balance-sheot lain 1 lufre the wemeral meeting, whether the comparatively wall $\& 1 \mathrm{~m}$ renared for pattug th? pablacatoms of tue Socioty on an inaproved footirg would hot Lo much more profitally spont, both as regarde tho advancement of hortioulture and the prosperity of the Socioty, by so doing, that is the relal. wely large sum now disbursed in prizes and medals. It is admittod that Exhbitions do not pay-nad
 then statewent is not at aid amatese is one. Of courso a poent inn!, al t: ant an fawn at of


 be ample rocogration, while in the onse of nurserymen it certainly seoms outirely unnecessary to subsidise thom, aul at the same time give them the best possable means of udvertising and draplaying theit productrons *arely with
 would answer $z_{14}$ tho Jowhese, or they imylit extord the systam already carriod out on a sarall scalo with referenoo to certan specialitios, and subscribe for priza日 among themselves, aud ou vectud in other departmenta of the Society's Fork How well land out wie the suma dusbursel at Chswick, the report of the board of dreetors shows. To horticulturists tlas dncument wal be the most satisfactory portuon of the Society's anmual report, and now that facilties of access by ralway to Ohiawiok from most parta of the metropolis are afforded, we may hope that the
 time-homare lgerlon, will beappor atol by a larger number of vators than leretrif: 10
Horticuttorad Societs, in thed of the Rosion what ansued as to the Poblications iikued by the So lety,
 Gardeser. Chronicle, and, he minht bave addod, the mornioultural Press in gencral, on the mauner th wheh metters of intorast to the lorticulural publio were reyortel, and he urged that this crreamstance rendered to of the less wiportanes to amend the official publiontons of the socinty Whale , is 'Ifreciating the com-
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## New Plants．



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 tion of frustitres，eaperial 5 A pples und I＇ears，sbou 1）ycars plantrd，but most of them much too sitong to be frimilul The first wreck in \＆eptember we tet to Wrk and mont－prunod wil，with the exception of some F＇pary nran that ware rematy i for an experiment The frorvara nearly all on man or in tral，ven fiver some



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hapmanmanpraz they ect a grant deal wore than thin them Tha frust mat it is an easy matter to fimost iss rusuets and birh overy ras of sin，and 13 France of the（hanas）fispo oured as if grown in aridence of pood lismitr blands－a toserahly ecrian o ze of throme that the Continantar twe cannot reach the bup beat Minge Loulve，Finurre growers produch bre o Flere，do，will reach le arte Diel．Yan Sons itan and Ribiton＇Pippin Appies a or ouncen reapectively quita large enotigh for reners or 9 ouncos which er
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## Forrlle

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Amonket the Peark，Gianail＇a Berkanot， Bon Chretiea，and Duchesss d＇Ankuhtre， on well es the others Thor Apples all app Crturenstom，and Domelor＇s Seedl me Smmerfied，Boindon，Cheshire

K．A］I，FRIEDR［CH PJIIIII［IJ ON MET
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K F J YoN MaRTIC q was born at Eramet April L＇，jiss．The famtly of Sartisis came crat rom Cmbria．His ancesior，（ia evotuy J／ar theane，perused of reformal it frad at court of king Wattias Cors tate of Henct Huncary the famaly sompaid throughoat fieral atmost unancerringted line of at lem mast ma detters，mbled some of the later anembers
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on barely 16 years old，he lis na（ivic tcat I）IIe desoted medicine，cbersshing，bonever， patural sciences，more parts． the ofements of whilh he was the elements of ritu be was spor st Erlangen，add hrough or the then enenerally provnit－ og hatisung system as regards og Martitss became enamotrred ryen tilore strengtbened ard intercourso wh a sprang up
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 －ionk that etyen mots is logked upon as an
 －ins to ad itim ie fientifylof those little plants， ：intspet in the printer＇g hands the author whe and tho to Brazl，and to then turned it over sonbeck the older，for
the men besides Sumank，who at this Gartrus f phrts it $*$ fluenre on the develop refered to，was Gemeral Conservator st a pazessed an extensiza althong no botanical zuan agdom und then there wers the Acede 2－4 Chphehtegral and Sommerimg．And it was
 n Fanden was an in in a freguent viats to the

i．ihrien traveller Baron Von Kotrwioski，the


 te Cronn P＇s ace，subsectuently Don lesploo I anc and Austria set about equapyntro in


 2u：Later haviog been selected by the king （Thare cint moner）

## BOTAVICAL DRAWING－No．IV


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 bower lo theteh prolong the
beyoud a doubt，Another comanom fantate to repre seme them all pointing in one directusa someln wis this may occur in Nature，but it is not artistic to ropy in overy case
forscientlic purposes it is desirable that powitoos hould beas varatd tas poss＋bla，si）tlat at mato aronk a de and tack of a ll wher be cybluted，A lard ersor I may also allade to，and to is ono fers common ith drawings made from draed spec Hens for quent fic pur－ puses－1 \＆aze ofecnseen othern se＂orrcrtan $d$ beastuful later marred is st－viz，ike represerting anl or mostiof
 wich wof the corolia directed towards the spetetator As good a loriy is too meclianacal to be matura rose，and lor a mass of flewers the Poly intlas or Oxlip，as ta tl ese cases they are yresented to the eye

the centre and the d fisiont orle should be poneilled， anc chatre sha the a sisions of the corolla indicated ancu then shetoled in as firmly as is desarable If the any，should be stroug eqough not to be quate obliter atel by dark colour


In a side view the tuba shobld bo properif adjusted to correspond with the throat or eye：the simplent way to do so ta to carry the outline of the tubo fantly through to the cantro of the flower，as in the foregolag cut，In a posithon showing the tabo foreshortoned，ot in a back view the anme method should be adopter is shown in the following illustrations，Tubular formers

are often sedly trented by draughtamen；thes，for istamee，the common Dafterli，in which，if limes were diawn round each centre，they ought to be it the same plane．The next sketth Fill bettar explain my meaung


It is one of the most dificulb flowers to aletoh cor－ reutly in the matural position，and the best wny to test correctness 18 to turn the paper，Bor that the fiower be ereot，when the bad draving if eny，will be obvious，

## 

## Fine Roota Disegad，－Can you inform mo Fhat

 es the causa of the rovts of my young Yines betnis de stroyed？They ryere planted at the beqianing of Aprit， lati in an uslue border，compasid of th rec－fourtis fant beang compaf）＝ed of inge rublie，slable the other one modes．Lat season ine ruade slable manure，ayd
 when plazied，mado t＇s，far dhe best canes，but on
 fartory conditon 1 tolp diressed the border brath turfy lonmatal ma，and they baremale in quandaty of young
 strongest of the two $F$ ines sent is of my own frowny，the ollaer ts ona of a asuazhty I purehasid from one of our best oultwators，gnd I am afrsid the are doing well；one of these has been planted 50 that arid tho other two seren has been planted 50 y ears， these disessed Fines aro rabated is bil feet londr andis intended for a lato house I shall batad fa joum wat remedy thera is，if any，or if I must dear all orth， and make a fresh border．N．S．R．［From the spect－ mens of roots and sotl sent we aro of opinion that the misohtel is due to Fungi at tha rootg．This is vary apparent on these of the stronger Yints；apparently f has been intriduced in plantigg the Vines－leaf－mould or some such material，haymg been teed in growiog tbe jounk plats in the potz．＇Thero is no remedy for the evil，but a complete removil of the and and plants，$B_{+}$］
Pino－appie Oultare：Ontting Down－Had Mr． Barnes oundoed himself simply to an acoonant of his omn enty uxperience of the cuttilag－doma sy酲m should nothave felt called upon to gotica his remarks
 of the system，or aide that anybody olso was．But siace i．e has lorought my name Jormard，with romarke on my prat t．ee，I cannet pass over his etatementa ing silences so fir as they refer to me．Whatever half a certury of experisucemay have domefor Mr［farnes，thasevidently
 though younger brethren Although ho is at qrea parso to make it appear that the ctiting－doma proceas the eredual the cultrator， 18 ovident from bhe why he bring ing regolections of 50 year yenk，that he is terribly concerned lest he should lose repute in the matter．When I firgt recorded niy experfoace on fhe silboet，I was carefal not to claim friority is that reppect，but accorded tast to Mr． Thomson，who at reast Fins the first to recommend the plan under certain oircumbtances，and but for hos doing so，and the aiecussion whteh hes taked place recently，it seems wo should neter hinve lieard of Mr．Baroes claims to the honour of carrying the bell－ as be puts ats as the ormanator of the sistem．Mr． Barnes magrafies the dufterulties he wad io contend whth in his youth to the ulmost，taking oare alvay luat bis own suecess does not sufur by the oontrath． beg to inform him，howeqer，that same of the Pine stores herb remain tearly es they werg about 50 year aro．Some of them hace been heated with hot water but they are by no means modern structires ，等d of eariy fruiting house athll retains the flues，Yet w manage to kupply fritit in quantity，and of good quanty，without having to out－over the pratts，unlem tate to adopt the finan if neeessary，nor thank there was aught dascreditable about at，knowing weat that Dot even the best fultrators can reckon upon every plant showing when fignted．On oocasions when I heve made the expercment with a fer plante which had missed fruting at the proper time，they showed frut arecty，and swena ox $1 \pi$ ciose suocecion to fte plants required its room．Mr．Bero the young
pernen is quito Wrong in supposibg that pland to treated have Fenson，mor could ha draf gum an inference from any formor statements of mine，though the enge as math I do rot make theso remarks in order to justify myown practica．I am only a hepimmer，and canoot ofnim a quarter of the experience of Mr．Barnes， mevertheless I um willing to bo judged by my success， and I think I may gay that the Pines here will bear comparisun with adythang of Biokom．Cuting over recommeaded object of makiag them frat as as used to be done in Mr Barnes youpg day日，are two dtrarent thinge．In the former case it is done with good healthy plants to hurry matarity；in the lattor it was a necessity entelled by bad oultivation，according to Mr，Barnes＇own 勋列ing and mas done，not to induce fruitfulness，but to encourage fresh roots in place of these wituch bad been deatroged，名 way ona may find wno winl take the troublb to look into nome of the old aulhors on gerdeniog．It is e well－known fact that the gardener is not nowssaceessful in bis under－ takinge，it is not 10 the pature of thingy for him to be 80，and it would be well if We were a lithe roore whing to suknewlatige this You have at diterent times invited your readera to relate their fallures as well as thetr ancoesses，hut the remarks of your corresponden at p． 79 is an example of bow hey my expect thei etatements to be telen，by those whose experience might be supposed to boge taught them toleration－ if heg state anytajar mhich savous in the most remote degre of falure or mistake Sinopson－ Give homone to whom honowr in dae，I am very magh pleased with Mr Barnes＇entertaining article an the Pitue－appe，made up trom the entres of the syg tems．As bo gear－old cultivator，and a iubilaut Pino grower，he enpeary to heve had his full shere of difi to contexd with in orier to bring that noll Crut to early maturation．As I am eot down lor one







## 








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##  <br> "Tis Directorstemipt that - hoal-les the witk $p$ <br>  






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 aDC thut at ircod, E ETatt imptrime ha 7 meroan appleathogs which have bean







## -............. <br> -. , , ,




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 mitwer, han





## 1? h invirim











 themberk sery biter ar form- I' krail, rea, ams



 the rare P intermedia porte, whth the I wely zome ath 1
avel, they aro benut.fuir set off by thin be appre-
green leaves of momotimm Finder and dersdeat whicta are arranzed is rown behind them, and thut form a
 wath I a d 13 we








 \& lla arer


























## Miscellaneons.



Royal Furects anif il midands- The rece pta from An 人tw firmb, by garas of produre, rapta, iccome to
 1. ubil, athtrempe







 alienditure was lish, and lie net income cil Pmm lhere Wiskla, Ilaris; the remolit win 1goil?, the













 aal borfe amoit upod


 dumasthn week Theme arrivid in fine cond ban from the Eetzhhourhoort of Mermel.lea, and commend a good teting more plentiful. Linte quablities of Bromeoly atil montazue to arrise from l'enzance, shd aro sold as
 Ill firt of France in humitag for thas precious taber, in ab ina Hr Thereirs
 tanty of erone th 品
 nig tep



 is may, an! is my el a porc de cumre, or racing pig who of duly trawter sor h.t bluwesd and fup efery foer ha dismers he is rexarled with an erorg-




 Trume place woth ull fum, and then me: bod a ref a
 A 14 protamed with a atins h, of breat, ent ibe












## ciaraen opprations．

## plasit hotges．

Calcuhmer may now be started into active growth In vien of extendag their beauty to the utmont poas，be 1 m t， $1 t$ it 2 ll

 orqarte luser can then be ple．
siteml pis that thast parly atart．
 nastura of ju as ！am lasfomould，and a double shire
 be wher has eark prat atzd the turery sinat perceptible ibruarh the whil when the operation is completed Pul hem azwinrately tirch，no．do got water thend ween fir helya ans $w$ here oon veaiopo









 few swoll pht bounds planta if Movjantoflieas may few wow be induced th make a nlart，ist as attie bratem－ heat This they will remity dro it the pots are purned st about baif there depith and a mojerato moppiy of tepind water is requiariy nttordial it stould bo Thinemberet，that their pee ul orly thete，ain］piank
 Wood，and not throuph any robustaess or freedur 1 if growth otharwise attaned．Some Whriaties of Eram－
 ampunt if growta Lente these w．ll a so reyurge a hithe 4 ret aitunt ou：A tiuat barfuce dressing of
 purmitang of the learem with a finte as ringe，and more
 Iner Filh ！ive huluss
buovant in atmosphere at poasible，duriag such kim as she pollen is notively ot work．In very dult weather W．t the hat losary to arefulty gerk the thomer stak

 kept up，the secosary humidity boidg maintained by keving the walk．and othirr similat noll surfaces ma stantly morstesed thave frequent．，utped that resort should but seldom be had to artual aleaming，by pourusg Water diroctly on to the beating mediomi There is decidedly $a$ certas amuunt of be cfit attend．nx the by thosel who have had exparence and nis bare browght direct persulat worrwation and tact to bear theremb Continter the inntit back，atot to bear

 somen hat morkman－lise ease，right and left of the rods to it the nevessiry spaces，without such an amouns of stra，mity of this as culse miany of the finest breaks practus onem，whis go to trotk burriedly hougg Which have become it all shured In s．tee instancee the rooly，ctera of aryer stont，triblizice to be cun－ giderabs cus back，ald pote and redure treatiog ana cisemy like suckerg，in young cutiongu，planed to otrike or form roots．Any forward bawh of succession comoga spring，should hase their finai shift withon
 now that the dass uncreake ard with ane mansture ay become more poserful ar upna those in the imumediate will ity of hot－wuter pighes or duen．Pedtches and Nectarises wh．ch have保 he raxtote de tus uf 4 ine anth freely，on ass mitit ontione ruite D．rot ut sj tho embashe eltent of the

 heds furmet of ancuar bl tarive to smon as the bers if do II be necossary to place thereon tho radges of sol When thes are are to bo rlanted out．To ascertata When they are weetened suttierently，and in proper the nosp at the oppham light at the back early is the day，and after libes bave been closed duwu
 nmaril is detceted，it will be nemary to turn the surface wrli nver withirt the frame with a forle，to anord rather more air aka．a boll．by a ght and by das，asid to lat them reman for troo or three tays longer some－ trmes，evcu after the beds are sutilientiy sweetened，
there wh，the an ittumoderate ingree of heat in the bed Whan thos is the mase，or it of ant ufatens shect larke
 an 1 The w．Il teni wreatly to meutralise the exoess of huat whit of ally future time may arise，and will atford at a dater lata ex el ent material 10 when the




 filiane by ith waight in the earlier part of the deg it fyould be thorougais a cpeileca apara by bight，ana possibla the whole exterior surface of the plante be huchily shaten off with the haud at opening aioh щогаі的．

## HARDY FLOTER GARDF

Plant out finaly into ther b．ooming quarters all
 Auses should a．so bo flantod，witsput further telay To thesig have do frecuentis reierrel previo planting that littlo remajns now for me to add．
hady frturt gatden
Proneed with the nocessary pruning of Peaches， Nectannes，\＆o．，upon every favourable opportunity，fo already the fower－buds are axceedingly prowinent Bemove Fhere practuable all mbrong over－robugt
branahes formed during the past summer，and retain bragahes formed during the past summer，and retain
in all intancen the fine kindy developed bearing in all inetan＂cex the fine kindly dureloped bearing
wood．la Da，ink them in，endeavour always to have the shoots as near to 3 1uches apart from each other as posable．Eramurage yonng growths at the base of the trees，in profarentes to long naked bran bed，Fhich rearh to the top of the wall，however encouraging they may In．k othintwice fr uemp row with all grinang
 herries of the Beite do Fontepuy atad cilace strily auturinal variets may row biave $\pi$ ，the mat．ured the future goung shints wh，thereby be much more robust，and beaza a far botter crop．

KITCHEN GARDEN
Some arrangement should now bo made regard．og the d．stribution of crops in this department，and the preliminary mork should be evtered on atcordagly ond pulverised sol but they in ricu，deeply manure cusn Kronn kuccessively upan ine same prot or ground Where the portion wara is internaed for thom in th enrung nummer has been trenched，or 10 nay chite the soll has been packed up rigeond．furrow rashion，it
whould be now levelled dow，that time may be sforded it to become firmi before sowins．Oatona delinht
 becomes，the better Those Thin have dejyed somink successiona．crops of fear or Beans（Broad）shonld nor kat $1 \pi 1$ a somid in the majorns of tashacea the forember or December－sown ones sire geting verg or＂atiury by severe weather．It will now be ulvisable to pulf up end store aney the main supply of Ternaps， or use between notr and the conink in of the early pring ctop．To iet hrem remantitipor che ground until they atart or phsi up a Rinwer＋spike is，in say the least， rjuriots an regarls good havour and irmacea，irreapeo lve of a deterioration of their kecping quabitios．

TOWA gardening
I vow propose to offer a fem remarks respection Chrysanthemums，with select lists of sorte Aad first of the large－Rowered varieties

| it bate | Average |  | Averig |
| :---: | :---: | :---: | :---: |
| Defiomex it kit | ＋1f． | Cbrisifla |  |
|  | 5 ft | Alfired Killer | 3 ft |
| Prmonlim | ． 5 ftim | King of Donmatk | ． 4 flt． |
| Mra Helivurton | 5 ft | Promes 3taris | ． 4 ft |
| Marchionest | 6 ft | Arıulan | 4 ft ． |
| Wreen of the Lslea | ．， 41 | Quen of Etagland | ＋． 5 ft． |
| Ye＝la | 5 ft ． |  |  |
| Ie．n＊ |  | Cransoma |  |
| Ye nx |  | J iha laminustre | 3 战 6 汤 |
| Termple of Solormon | ＇19 | Juwent | 3 ft． 6 in． |
| A irea molitiorn | $4{ }^{\text {f }}$ | （ unat dy Ratitreais | 4植， |
| Amice saltar | ． 4 it |  | St |
| 1 heralies Dornary | － 4 it | Ni，Vesperanduat | 8 ft |
| Delintat | 5 ft | Anam ${ }^{\text {a }}$ | 8ft |
| C＂hangenti Y゙oliuw | 3 ft ． | Amitrathand C | rratite |
| Gurder पurea | 5 ft ． | Proyno | 4itoln |

There arg no plants witho mo knowledge that do so woll ta towna matuen，but an there is so much dieappointment nocurrins to perans uncomanted With their indipisual habita，in choosing a colleation for thens borders，apsing from their not knowing the rarieltes suited for outdoor cultura，I have givenis list of 4uch \＆I the samo thare state the zode of caltivation that I heve followed with great suncess for upmards of elo yeara in the MIIde Terngie Gardens．The borders intanded for their reception ubould be well tronchert and a acad dressink of rotien manure furked in．The planting anould commence about the ond of the s mont If the torie is somathat scapre，cuttiges should be imme dantely put in，tn a culd frame，that ons be shut dome lor a few dings they will strike readily，and mate poad flowerng plants for the autamn Three oflsets planted in a clustor mill be suflicient，and the a gooul eflect if apart in the borders，will produce ment with respect to the colour of the arrange their average haight［nt．l the plants are wel establighed，they require to be occasionaly witared end
tied loosaly to aticks es they proprent an growth
ghould not on any Boount be toppad


 beur to winter for ady ehance of sucoms man

 but those wh．th tre aimel are a Ear bloomers，and are well adsptod for opan towns，Tha interesting cless of Pomponat umallaess and abundance of that flowarn，then beddingtor pant on lawns，in which position they bedding－out on tawns，in which position
the sinowiest bed of flowerg in their seution． eagh aection with a dufferent cololue，pating attention to the oontrast of the colonirs，The or the cultivation of the large vartolios an applicable to thoso minialure Curysanthomes
oulturated in the borders；but with thu do When grown for bede ofrsete or cultine plented in June， 9 indhes dpart，in ang burl whon woll rooted they should be topped and to their flowering beds in September，it that the be unpecessary to give more that a Lut of then
verieties，selected upon the same primeples of that




## Notices to Correspondent．


 ${ }^{\text {Heter }}$

## Treze Fer house  <br>   ahortly．No treatment will recorbs the pratid  Fith a mas ogge beneath the sem

 ervatury


## 

## 

## Ghionbreghti

##  priviously saes <br>   <br>  <br> 



## 1

[^9]The advantages of procuring Seeds direct from the Growers casnot be over－estimated．


## 237，238，ANO 261，HIGH HOLBORN，

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PAST ILOUGA FABM，DFDFAM，ESSFX；


## CARTER＇S GRASS SEEDS，

CAREFULLT ARRAYORUTO SIIT TE
The following Tabled give the sorts and proportions of Grasses aod Clovars somprisiog Mesern．Garxige＇s Mix tures for the various scile ．

MHEKLEK＇S MILKY WHATE And COLLECTION of GARDEN SEEDS 2 Ent

GHABS SEEDS for CROQUET din now thown at the rate of tolb，poratre， es，find Erowne，Glowsonter，and 6e，Mark

Seed Poratos．
SHIAL 1．Mrumgeath，by I）indec，N B


## plis，hest Fociss

## Finko Kitusy



Puetart Mirty Whate Kldney
G G bon Dwaf I ork CABBAGE SEED
to Yariph Dardenera and Otherd．
asd bONS can offer the following oxcollent c intr on someth ot vary low putose for targo
under lital

Fa Flin Uitze


## Fomry 5 Eybrid Rris：Leas



BgyigUCIF 1 gTNUCE．The best Summer

 IGXRUEXOR IRRIZF（ELERY

 Mustra．Cole $\downarrow$ Sons，Withiaglon，


Fisher ${ }^{1}$ Holmoo，Sheffleld H2 cthouso






しFKKよ to the HADE


[^10]| FOE HEDIUH BOLIF． | No． 4 <br> Allarne shoits． | No． 5 <br> Limentone or <br> Calchroous Solla． | No． 6 <br> Louma carlogd from old or Now Red Sarditode． |
| :---: | :---: | :---: | :---: |
| HYEET FEREAL | ${ }_{\substack{\text { libs，} \\ 3 \\ 3}}$ |  | $\frac{1}{1} \frac{1}{2}$ |
| LABGE OAT GRASG |  | $2+$ |  |
| GULDEN BRLSELE GRASS |  | $\stackrel{2}{1}$ | d |
| IABD FESCUF： | 2 | 2 | 2 |
| SHFPFPS FRSCUE | $\underline{9}$ | 3 | \％ |
| DARMFL－LEAYED FESGUE | $t$ | 2 | 1 |
| BA EADOW Friscue |  | ． | \％ |
| Dostumported lesint HYE－OgAss | 5 | $\frac{1}{7}$ | 8 |
| TIMOTII | 41 | It | 81 |
| WUOD MEADUW GRAss | 1 | z | 1 |
| Jhath－stalkod HRADOW GRASs | 1 | 3 |  |
| PKRENNAL ERO CLOVRR | 4 | 5 | ＋ |
| PERHNAAL WHH2E CLUYE！ | 8 | 4 | 1 |
| TEEFOIL CLOVEE＂$\quad \cdots \quad \cdots$ | $\frac{1}{3}$ | s | a |

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 ctinaAs supplied for the fround of the late gerin Exhibs thon，Thl opeedily produce a corpet－ilke turl of the finest quality．

1s．por lb． $20 s$ per busbel（ 10 w 3 bushols per acre）．
297 and 238，and 261，Efigh Bialborn，Iondot，F．O．
（HBARLES Lrat Crop or Ranglemder Pea
C min EXCRLLENTEAkiy LU，hasing grown largely
 CHARLHS SHABPE ANP trom the Grower
 GANGLL，otd other FARU SREDS an eppllention
（GARLES 8HARPE AND Gedls PRICED TRADE G LIST af PEAS，BRANS，atc other GARDEN SEEDS ERD CHARLES SHABPE SND CO
CHARLES SHALPH AND CO．Are now propared to IRANBLKD，CALDECUTM，BAWTHEE，DUWL［NG，


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 Condluates rauth lodga latimation，oo or beford March 16 ，Fith Editiburgit，Fobruney 10， 7890.

$\mathbf{R}^{\mathrm{vYaL}}$
agbicultuhal GOCIETY OF ENOLAND．
AORTCULTURAL FDUCATION，
The EXANINATION of CANDI－ DATES fot the goclentrg kDo CATLONAL PELZER WIIs takt pleas in 15，16ep．Copten of tho Form，ragulepit to be reat an by Marab 18，may bo obtandd on appllation to

H．M．JENぢしだぶ，Wecrotery 19，Hanpter Square，London，w
 ROYAL AGRICNLTURAL SOCLETY of RNGLAND．

MANCRUSTER MEETEGG， 1900

STOCK and IMPLEMENT PRtZE
SHEEIN aro Now Renty，and will bin

I．M．JEKKIN＇s，Secretary
I2，苜anprer Sequary，London， $\mathrm{W}_{+}$

The


MEETINGS FOR THE ENSUING WEER



Cehmbers of Agrioulyures throughout the kingdom are industriously engaged in debating important questions conneoted with the intereate of farming．Among the subjecta of their delibe－ ratioll there is no more prominent one than the regulation of cattle traftic，mainly in respect of imported stock．
Sinoe the abortive attempt at legislation during tholast eession of Parliament therehave been great nccessions to the previonsly existing facts and opimons upon the subject，and it may be assumed that after the epidence which was obtained on the Forejga Cattle Markets Bill，both from the supporters of the measare and its opponente，has been cercefully amalysed，the mext effort at legislation will be more comprohensive in its provisions，and leas open to attack．Hitherto， howerer，the discussion appears to have been too restreted in its character：it beems absurd to remand contont with demandiag the adoption of mears to provont the ratroduction of forergn diseasea，and allow infectious maliadies which are now naturaliged in this country to con－ tuno then rarages unchecked．Inten6o alarm was，of courso，exerted by the devastations of the cattle plague，wheh cetsed after gweep－ ang away the third of a milison of cattle，but the lees obtrisive plaro－pneumonia end foot－ and－mouth complaint，which exact a regular toll of 30,000 head of stook yearly in this kuggdom at the very least，are generally contemplated with the caluness of complete indifierence，－a if the alow stealing of the pestalance through the land were not infinitely more serious than the gudden irruption of a rapidly destructive peat， the very violence of which is certain to aroube the energy that insures ats quiok extinction．

So long as the unrestrioted movement of con－ turgously－disegned anmals，whother English or foreign，is permitted，extencive losses must of necessity be surtained，and it 18 esmentially attention to the protection of our herds from
forelgn dimesen, whit a knownevil 1 allowed to ant in therr madst.
Tuhng the form of en invest gatuon witu
the sanitary condition of the while ntict of the kiogiom, the iequiry wi uld wam to tw






 bo emblutited would murh facilitate the nttanmest of the demerd etheert, whesew if the




It is not disputad by either side thet a ra-
 trade is necessary; both foresgn importars sud home breeders complain of vezatious and obstruc-
 those ask gremtor freedom for foroign atock.




 wai Wa movept this statemons as a prinorni..
 of; but first as to the prosent atate of the
questions botweon the importer and the beoeder of home thock.
If wo epprocinto the agriculthonl viow of the mattor correctly, it memonnti to this:- Frwa


 that all mamals or thinge wha ho inntain $u$, that themegived the elements of ilang r ,
how ill-defined the peril tray br, whall bo


 ther rmannathlicuy of thease requiremente, but io thrif arnwer thy in effeqt beg the whole qumatimn hr all musea, thy ath, alim: roun




 unfected caintries fatela from these rountries
 volitho by tha and of thoumands of woldary if inmenasity l'rmitant, therefore, the ampmrtation io sintmarme cattlo from Fhossta, of alaughter them at the landing piarea sum may and Int thami hate tha ftin of the eountry,
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- Youtarday aftrucoon a depatation from the
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 nan to do his duty, and England's lawe thed every enable any man to ehirk it -Mr . Fonsozs spoke of the lability entablushad by the lew of Ftifteetir haviag origiagiy reated, Dot on the land.
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Sir C. . Trompeat, of Broughtion Hall.

We have to report a rapid inoresse of the West Dorebam Abbey herd during the list two months.
 droppod to Pulace Cheiscian, the parr thooth bull. Which has for a conesulerable time been in ute $3 t$



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## SEWHGE FARMING DRUSPETS

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 GHELL GRAVEL for London Gardens, Conservatories, Matios
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The Cheapest and Best Insecticide


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POOLEY'S TOAACCO POWDER, for the Prorention











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TKiUSHEO OVER QUARTER OF A CENTURYJ
FRANCIS MORTON \& CO., Limited.

PORTABLE AND FTXED HOT-WATER APPARATUS,
for heating consbryatories, hothousks, ohurches, public bullonges, private BESDENEES, ETC., WITH

## TRUSS'S PATENT



UNIVERSAL FLEXIBLE AND LEAKLESS PIPE-dOINTS.
Horlactultural Buratings of enery desertption from Is, Gd. per foas auperffichal, tnclesser of Brtakicorts. Bath and Gan Work erected in towr or country, The Trade Supplied.

Price Litur, Plene, and Estinates forwarded on applisation to
T. S. TRUSS, C.E., Comsulting Hobticultural Engineer, \&c, Sole Manufacturer, HRON MEACEANT and HORTICOLTCRAL DUILDE'K,
FRIAR STREET, BLACKFRIARS ROAD, LONDON, S.E.

## AUSTIN'S ARTIFICIAL STONE, invented 1820.

Tras superiority of thin materint to all othera for damp nitzation
 and alteated by its extensive usu in Sootland and Irelend, no woul as the principal country sents of England, attention is jnvited to the f llowjng bummary of the work manufnctured with $1 \mathrm{H}_{\text {, }}$ a varicty tupreceferted in any other establishment of putb or present times -

## VASES,

about 300 different kinds, at from 10 s . to $£ \overline{0} 0$. FOUNTAINS,
more than 200 designs, from f10 to $£ 400$.






 TPRMINALS for TPRMNALS, for gatep-pers, BiLISTRADING, to suit alt 5 , leq of arthtecturn areat virkely of ORNABLEATAL PEIJESTALS, flower-beds.
AUSTIN AND SEELEY, NWS. 363-3T0, EUSTON ROAD, REGENT'S PARK.
M.B. No $\operatorname{tand}$ is med in "Aurtin's Stone," which is teaterproof.

## MOULE'S PATENT EARTH SYSTEM.

## VALUE OF TME MANURE.












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For Proopecfuris and Testumnamals nplly nt the Office, 29, BEDFORD STRFET, COFEYT GARDFN, W $C$ Where the Cloaets are on thew and in operation. T. AI EFANS, Hannger Entir rra, Mil 4 SRS II J. sin MOULE'S PATEN'I SYSTEJI for FARHING CAURCHES, SCHOULS Dublin Depôt, 9, UPPER ABBEY STREET, DCBLLN.

AS A PROOF OF THE SUPERIORITY OF THE THRESHING MACHINERY mavoractuged by

## CLAYTON, SHUTTLEWORTH \& CO., <br> They beg to fall eltention to the fotlowing statement

| Enginet and Machines sent out in the ybit 1868 Total Komber bert out ap to Doeramber 31, 1868 |  | . | $\begin{gathered} \text { BNGINES. } \\ 812 \end{gathered}$ | MACHINES. 644 |
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 CLAYTON, SHOTTLEWORTE ED WOHKS, LEACOLN ; aL. 1 个8, LOMBARD STREET, LONDON, E C.

 Protect your plants from mona
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## GRAY'S OVAL TUBULAR BOILER.

INTERNATIONAL EXHIBITION, Class IX., No. 2119

Mi GRaY bege to call the attention of the Nobllty, Gentry, Narsorymen, Gardencre, \&e, to 118

## NEW OVAL TUBULAR BOILER,


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JAMES GRAY, HORTICTLTERAI, WORKS,
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 M1 GLORGE HROHANJE, ATCTONEFR,









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TUENIP BEEDS．
Lowest prise per buthal on applieation． SUTTONS CHAMPION－The best Swede an cultivition Very bardy；has gatad numerous horuy，ixas thes 5 misna
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For I．2，3，or 4 Yess CLOVERS and GRESBEA
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 Double Primroass : Hardy.
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TOHN FRASER, Lea Ronog for 1860 .
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## The Reat Mop Potato tor 1869












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 $\overline{\mathbf{V}}$ RREENAS.-Puple, Whate, Beorlet, Roec, Cry + mat


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THE METROPOLITAN SEED, BULB, AND PLANT WAREHOH5
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A BIES DOUGLASII．－It to 2 feet 80 ．por 100




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In eassorted Collostions，to produce the mont effective Cisplay，For Table of Contents，see Pege 4，Gatifentery

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 for 1869 it a valuable addition to ereery collection，dwarf，frec－ bloomning habit，and brillaurey of colour
Mants not hagher thnn 5 int bers lied two nad three
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## To the Gead Trade

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1 -12 mood bulb of（OTOXINTAS fins ACHIMEN ES．





Sesd St roos－xive Southmppltet Row，Ilablicurn，Loudon，E．C．
Glacioln，the most Extenatve collection



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## Che Gatbentre＂Chromicle．

SATURDAY，FEBRDARF 20， 1869.

Time Censonshir at Hobtirtitural Sifows， espeeally those held in remoto country distriets， often presents difficulties whuch go far to mar the working of the Societies under whose auspicos they are beld．It $1 s$ a wido and important queation，upon which we do ant now propose to enter filly；but we mar，in pasing to our immed，ate subpect，lar down met one golden rula for the grid lance of cach of the parties respec－ tively concertued a m atings of thas character． To the maldreer of shuws，then，we say，adopt this plan－Appost ofily known competent and Lonest mex．To tho ecmonss themselves wo say －lue fust，and fear not．To the exhibitors we say since no person can be a competent judge in hat own carma，accept at once，and without cavil，the awaris givets in by bonourable men．
Tho marteol atto ntyect of our romarks will be matlo apparent is tho following letter，which we print ．orlint i，omitting rames－
 thas 4 strict，that $1 s$, it frw willazes mithen five mites of C－，whish is the centre．One great feature in our Show，whieh takes mace either the last Monday in August or the first Monday in September，is trays of vegetablea．The socety is in sided into three classes
－gentlemen＇s gardentrs，tradesmen，and coltarers，the first two classes stowing eight variaties，the third alx
 kenaral．，－d Acteded from the gentlemen＇s pardeners and nursorymen in the aleighbourthood，and great ditierenc： of oplnion aupears to exstat amongest the erras as whath 18 to be consi ered the best class of vegetabies on the trays．We should like to have some rule land down as to what kjuda of vegetables should be allowed the highest number of martis－she quality being good．I have been secretary for the last ten yeares，and have
 oblyged if you would toll me，in your Paper，at an early date，which of the following you would give the yrefpr－ enoe to，stating the number of marks yo to each，$v$


Be kitud enough to eng which you consider bland first， arond or third in merts，and the aumber of marks which should be given when they are really good．
The plan of ayarding prizen by a fixad acele co tmarias is the moat procise and aquitably th it can be adopted；and when fairly carriad out it has this advantage，that oren though tho geale be defective，the award must be substantially juat．in the case speoially brought lefore us， baviug refail fot it fil the is question，and taking note elso of the season of the year（lale
 of merrit between gonl samples of the artioles namisd，that arsis il practicable it is by no










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 from our own expelioul ，thro will lion Where the competition is confingl to one kind of
 pranoiple comes into operation，and the quality of the kind，ns well as that of the particular example of it proluced，reeds to be taken into necomit．Whatever rule is adopted，it should bo stated in the prize sehedule，so that theat may be no misspprehension．

In as far ns me hote olersti，a love of any Farsety in flowts．Fruato， 5 wse table is tuther

 etill the econty fire that the fall feres 1 ut nap


 thens，but nitht，us कu felt that（1）tell th．．．at
 sothie but of growal has bews phathed with．I＇otatos





 and Want of chango
 rbange of sort uy if suet
l＇sually，howtyor ibs coarst x Its aro grow
 never boil their lotatow with ther anckety in



position（1）try it 1 fow Broad Beans and
lit of Cabbage，＂and it will ecaroely｜only his three crope－＂Tatron Titer
 not grown by thomselve日．No，to the mearest market aud buys from


 Now it was，if possible，to xementy this style of thing that we establighed os＂Cottago Garden


## 


 ff




 Thu andit tralder，and Kidney Beans to the Potato list





 are mostly ongaged in cloying，they cheer up
 to beat our uwis gaidener with all hisappliances of greenhouse and pits．In this state of affairs wo had nomo tialk wath the mesa about the anew and advantrges of a variety of vegetable food， bnt if we recommeaded eny unasual plant uw wore met with the remark，＂Theasurn


 mightinduce tha cultivation of a greater vamety of
 11．1 1＋hita of in in，I，wis，Cartat，Parsmp，

 mundety with＂t lige solvet．m not ouly of most
 4h．．．1．mant 4
Aided then by the kindness of these ？ $\mathrm{x}+\mathrm{t} \mathrm{l}+\mathrm{m} 12+\mathrm{n}$
 buted an ong the cottagers and tho smaller th wheine 11 ：the latter made something of them，

 of his＂tatrar groand＂for anythingelse，that few

 heard of．Wir fir then that much has to two

 man frour his＂sillı g at the prico＂l＇ututo， eaperanlly as this affords him a wider margin fer lritk，ahal heres w．th chrap but ty mo meari－




 de generaty of the ramat aro graitic en




 nosatahe stimuhtion for strength，and sat，1ulens
 enler，they are hadupaned t．1 Burth hence it in th：at in nentut＋parnehes a man＇e Fork is soon mur－h ：has been hang on his capital，etrength， ari hast alrem to carly in lifo．



 l．sht，wo feme that there tis little eltatiro of the


 Mfetiel is tho probleth of thre lisk：but swre on

－Whifict teratlig of thty mexhjert wa may mako pawo ng alluution

 they are free．From this and simulushot moria，Juniperis，Thuje，do．，he intut




 Thu ucepressod trito Ioaves on the Pine whe nume as dead cinidurmisa thay remalnod otten on loavea，or rather motu
soveral ycars．Eo ha

## omncetion with the ax

Mr．MIEBEAN＇s facts，of courso，an mind obvious enough；not co others，For inht ericoudes bramehes freely enough，and a
 vTi H4－at hrivis less branched than＇nfa

以 reql

 0 o



 advanced gtace $t_{n}$ ant tirn


 In leenl aill tho lif＋ctand

 Trabllew than it in it $t$ the ot

 fresh woil from an ontarely san bohind．If J．B．
 and other pommatinjastions．
 A similar occurrente 就 no
—ro Hy mand of over－luxuriant growth from $\because$ that the production of the Camelias in ．$\rightarrow$－ 4 to soounted for 10 a stanilar manner． －ution of an unoficial character，but it a chatacter，hut for the great
 w despatch a steamer from Aatwerp on the to remith St．Peteraburg on the IOth of the to reme diys before the Skow．Should any $\xrightarrow{4}$ ge deamer getting up to

Te lim been favoured by Mr．Meebpith， of Geapes grown at the Garstan Vineyard －of Mascates Alicante，Gros Guillaume，so．， nd tha hoanur of personaly yresentung is no Ferm admitahon of the frut iy piessed to command that it should bo apbed before being put on the Royal table．In amompantng tho photographs，Mr．Mereni te noters on scocount of the Rroat honous done to me ． in wo thom the intereat whah HEs Mas ESTY and ＊Eygal hats the an horticulture．

## Mev Flants．

Puve Taxrac，sp，nov．


 Atre of poidente height and pyramidal form，the atm－in pass，stif，glacous ersea，with about， -2 on the front，the stomnta coarre，the
$=-1$ the lavea slight）y serraled Tho sheaths（figs． mata are al Girst palo roldisf or farn－coloured，and

 a asprati Cones folutinh fuwn－ooloured（same wa aners that the sab mana，pendent，anequas，oue E．Not than the other，from 18 to is ind in



## 17ヶ！

 thetip，hor or is erjightily turned bodsly both，The seeds（fig 0）aro bmal at lon maex slightly mottied and th

along the beol．
 that they do，taat a oloser searoh andurations ed identuly．Near tho apex of the hot ed knation（
 $y$ be detocted At the same tima，the two look 50
aiterent，that I fhould feal no surprise trere future
 similar trees growing together，whick lave been confounded as one．
Mr．J．（Q．A．Warren，of Coxies to the kjndness of r．tri $A$ some interesting collections of naturnl hastory －ecally botanical，from Cahforma and the Sandwich b．ands，to this country．A fone set of hia conee has been sevurod for the Brthsh Museura，The tree is jound in the Sierra Notada Mountalus，menr Cisco， about 98 miles front Secramento，aud hat been laruely its limber lasang benn found yery hard and durable tis there known by the workmen and settlers sis the I ramino，which name I havo preserved to $t$ t．
I remember when I was searetary
Oregon Botanical Assaciathon of Edinburgh ，at the Asscolation reooived some cones of this rom dellires，If I reoollect rightly，there s．re no seeda，and the committeo was puzzlod to determise Whether it whe a new speoies or not，but，in the absence of angother partculurs，they rali，$r$ i．li in I to the．
 P，muricata．Thare is no mish hats the cirn wh $n$ one has once seen it－their small size，ulasel whu the loag，Elender，thread－like roversed muero，are assurnace of 日acurncy when I say thon with perfeat it in is 3．，sin ！thany moeds osme，they would be
 Nepada os Mr Wit in the samo part of the Slerra Nepada ing Mr．Warrea las，but I think it anore haso lorations baviog been conduoted thare．Andrew及furctas

KARL FRIEDRICH PHILLIP VON MARTIUS．
IN Decamber，（Conto，Spix frone nid Mfartins recoivel their instrictinne，and they had to join the expedtion on lime i I mako even the there wast therefore，scareely and peolal equijment was out of the questlon，whish materially nateat regreited，thon $\pi$ ，after nill，it did not the od of Apr 1817，the 8 drom whela whe inte travellerg to the Neer W bride nud her sute，and tho efter seyeral stoppages at Maita，Gibraltar Trieste，and luo de Janeiro on the loth or＇July．Herothe Bavarian and Austrian naturalists separuted，＂and each party entered onits ovan partioular ournay Thaplan projected entered onis onn psrthouar journoy．Taplanprojected a far larger scale，and more comprehersave，not only but also than th．t out at Vienna for the Austrians， bravelling in Brazil．It embraced the exploration and craveiligg in Brazil．It embracsid the exploration and
investigation of that vest territory，then almost wholly onhe，to penetrate the prinelpal provinues oith goteral ference penetrate the prinerpal providues without pre
 to the ins Buth，Irat，Hy $r_{3}$ burook themselves at once
 for the further frinetiation of their rasparches．Then taking a Lortheciatorly dircilion，with recasional


the province of Goyga；and，aftrrereakd fordat the Bio Sao Franoisco，and meeting with frequent diffionltises，they arrived in the province of Bahin，and entered its onpital，Bahis de todos os Sautos，on the 10th of November， 1818.
after two months rest－during which，however， they undertook a fivo week $e^{3}$ trip to the fertile distriots of Ilheos－they resumed their journeyings．Amidst the innumerable daagers asd troubles that beset them， an i luder whoh many of their Pollowers succunbod， ine eraveitera urysern tue deselt（sertho）of Juas axa． of Pernamburco，and surmounting the boular moun tning．Dods Irmitos，detcended 18 to the hot palieys of Pauly sud Misando．Starting from the gea－port town of San Iuliz de Marando，they entered，on the 20 th of June，1819，on the third and utief part of their travels，theacelorward by water．Conveyed by sea to
ascended the Amazon，nad by the end of Novom nr reached the town of Fige，nt the moult of the tributirs stream Hyapuri，Here thay parted comprns s，plx contrued nit orplorabtons on the main waters，in far




 toth of sune，returmang by a Portuguees tart，I her to Lisbona，were they arived aftera pissmen if，＂has－ Temang Munich on the 3th of Decombor，1820．
This expedition，irrespective of the sen voyage， extended over nearly 1400 geographical miles，and for ＊The mambers of tho Anatime Eriv now all dend，wis
gerous regons of tho y it rlid．latho－An rever，escaped witho，a y mportant
and bring homend their good fortu to pro： and bring home thair col $\quad \mathrm{na}$ ，con plete and the
prevo： 23
wero

 iving specter，as well as seeds，toro also broukit
home．The zoolopical colleotions（to which Maritu coutributed also it has bolitary，wem tip thn Hyapuril namberat an bohtary＇ amphibua，
plants，pre repre
alwass yeill
$=1$ Thy
frat
treetin．
return home，ned $\quad \therefore 1=1 . .1$ the nows then ？


## 






## mars in in in in intal trane ler

 of 1t．When he conducto lis into in his own des, ， of the virgia forest，or into the airy lajls of the Palm lerrora of a tropical ternpe $\quad$ or deseri＝$\quad$ bids us $n$ outladishin dances，then has lingyayge becomes lofty and animated，and Potsarful and full of colour，fuithful and full of lifo，his inages rise up before ur，and，as if by some magical power，ro dal ourselres transforrad to tart siringo oountry，and hear aud admire with the artist Suoh pacturea can only bedrawn bi vio who has gazod with onthusasma upon the origi－And this fervour，this plasticity of illustration，is not nuly met with in the works wirtten by Itarhus immedately nfter hîs return

## rom his travels，wh ．

 axientilie ， 1 in thence nurt ins sugestive writ gs irce groat in amiohed botany，bat likewin geogranly，ethnoloay and other branches of science．Scarcely another botanitit has oconpled himeair su exclusively with one country． But Brajil wos not e shrage eountry for Miertius for he kaew it as дo other person does，and loved if hke re ond home，and hept up a wide－spread com－ nuntcetion with at until his death Before everylking lise his chergy was ceatred on thie flora of Brazal
It would be a miatake，howner，to consider this a gue－sided view，for tho flora is so exoeediagly riols that jits investigation forms a gurantic tast in tiself． Morsover，the consequonvo is that it is necessary to look further．Moat of the principal typea of vegetation ara represented 1 n this flora，and many of the so－ctalled astural orders fin 1 their had－quartens within its limita． The aturjent rumin negloct the study of those types ia their extra－Brazilian forma ；sand，seoondily，the proups in question mant be motumaphimally investi－ groted．Tritereby，on the one harif，fit h ．．wloulke is eniariged，sud oa the other land ut za deapered．Such， therefore，was the oonse of Martius developatert， The Brazilisa flora te hand，he attained gradually 1 ，iat comprehensive knowledge of Cormed in whieh few rivailed hims，and tn that twide sphere of action pained rivailed hims，add in that tride splard of action kained the vegetable kingdom as a whole Now，we are often inchaged to consider the carcful prosecution of one branch of study as the grofe scientific courbo to he than fremitathole to discuss．When Martius first


 expedition was the Narrative of ter fon $\rightarrow$ It

 Masimilisas Josepla I bath Spit ！1．11．．．tho tompilation of the first volanee and su it that by lar the greater portion th the work proceeded nised as of encal mportaven as regards a kenowledga of
 ＂t rination on gengreplay，ethnol
Entur－1 lintory pancol fall
＇he besuty

 with the admestion of several skelehes，German electlons of moas，efoguent tosthmonzes of ik excellence of course in the 2 trrativa of ravel bus it could tot lio ouct？

##   fook only the botanical section, and Spix the zoologionl; but, on meount of the death of the laterer , whe birdo, and a part of the amphibles, the continuetion of the Fork foll apom Martius, He acquatted himsolf of then,  as I t'erty frothe actual worl, whilst he conducted the invouth as it in, it ouperiatendence of the pabliof the botanicgl treasures was effocted stmularly to the the formof of selection of the moss interesting novelties.  trater! on the "Nove Genera et Speoies Plentaram   <br>  by Martive celeague, art. We rustainter ent.rey    



 the atd bo pubsed and referrea to its proper place 3 ln of hintology should be recorded. And the art of corrictly desoribing a plant and meertiniping its affinuties on that is a much more difliuult task than those will admit Tho ariect to deapiss it. A prectred and quick sight for natural afinithes, shappy gitz of combination-10 "sisul in guessing," but the resalt of on oxact and extersive knowledge of the vegotable kingdom; this, end a comprebensure aoqusiptonce with forms, plabed
Indeed, so great wran the esteem in which his worka divotion tiat oas be conforred upon a botenist, namely, sinoction that a a member of tine Institute of Frince.
It may be meationed hers, in passing, that the abovenemed worles woro aubsidised 80 long as Maximilian remepined enturcly dependent on therr own resources. (f be Continumed

## FRLIT PはいTHTJM


 Aproots, t'eato. at, l vertarines. The protection
 therelow, the protection to orer the blomomin, und nuf:
 wrup an fear tres. Whother liymand up bah oth




 obe tanth wa thefore tia br ho were not tumbled









 curam 1
 of ind mavt wifr lint to proced with the description

 botten, and run into 1 rou staplos. Uader the conson to rod of similar lenath is fred with iron loops, with : rupporting iros ip th the centre, Which ne necomery would tear the rmin dran and mion traw the loope
 wide, and run top and bottom, with ringalfired to the cheols, at prosent nith tar twage, but ater the sewin it











 in of great garilens Aher the frist it selared the



 oif am in wine alose in Witer, and sponge my trens Hrreatare : Kes alues A gentleman had a monkey
 taste pug gaint in mure ltis $A$ fill a trial. When on the mater ato ant wisery on to under sude, 1 ta
 thivi fa flaze produces dofoctive lavour and un-

 beginning to expand. W. T. .iadelyffo.

VFGFT 4 BT F FROWTNG: NORTH . SOUTH. Thiv I writ. rike arsontembull increases in dimensions an it is rolled along, I had intended, Eiter my remarkf at j 1238 ann, to have *ithdrawn from the coltest, and in bave left moll open'field to othor and abler hands for the discusanon a this important quextion, hat fala and Mr F.al:
 usertion, whoh luas formed the back bono of the discurson, that, "is a rule Sootoh pardeners gay mire attentition to, and take a yerater pindo, or rultivat on vegetables inan thair English brethren." ${ }^{\circ} \mathrm{LH}$ e* makitig this atatement, I wish all thowe miom it mas in the matter-l mean, in the way of holding up the garderers of ove country, at the expense of the other such is for, very fir from my intontion. My feeling are entirely with the vegekbles, My desires are for their improvernent end having fonend the verethbles in mopo plontiful, and of betior but in many other feaf that a perper interest beter qua in ; cind aning seen the profesanoal xardenem, than I harc foundinn by same ctate of zardent (gentlemen's qundenti in the and - ar. itm, have ferienaly stated the cace, no
fat, holing lhat derussion maycsure a litle

 th it a not the least ralied in question, or to larinh Finklish pandeners on the keneral excelience Kinulish paydewery No ooce mate ready to arknawledge the r merits a a body than myself. Aerthar $\overline{-1 t}$ it do to vilify the climato hy way of juatificst, in for our own shortcomings. The simple facta unt bic TH. cannot bo murred over in ontideral in
Iam wertainis mi ged to Mr Fian for ha gersemus sontribut on $p$ lew iwiz, althoush he nomen ham-


 do those of Sepotiand, in at far an they produan erly alats init forred vegetablea, while thome of soviland do culture in toutland has mate of adiantion that horti-
 than whathethere can be no kroster falacy 3 ear
 trit s showt where at arout innt harchiand Arri



 the felery. Tarlky terctables of the mezenn, nriuding
 Tlus dose mat lmils anatirle cisplay of etumelating
 June sho in tprine. Thu manema bo ad of the arand. I thint it wonde be a mal dayplaya are mmply to infite Mr. Fish and thow who think for me here begi in bio cuiture is not what I have ropremented tha ore in the North, to take note of the collectiont of Enamitition in Edicbiargh at the kreat International

$\rightarrow$ tomured from ) a mber to February, sud | your searoh effer quatations of "trio" (or "000"





 … wnopa shape, and the skin always entirel





## Wome correspontente.











## i





 MenltBat 3rt

##  



 havii fran hat gurely simplo enough, it the fumes or solution from
 now if, rix seting to soatrongly recom. mended to kul mesty-bug, but faled to of ham an
 spoilt the flavour of the Grapes. I have almitrie. . twans l.zseff ithe ? It

 more and taken awsy; in fuct, overy nlace cleared and cleaned where it was thought possible oae could be
 ${ }_{4}$ l. mi of : it, at p. 141 there

 I....ther, rows of cones; buth there is one year be reckoned, mith nine) distrinot rowf of cones. In the number of cones this branch must yield to that
from Californin, ra. ' and measure 52 feeb io circumference. It is growing in astiff loatoy solt, upon a limestoue boltom, and both soll and climato seom to suit it pearlectly
 $r$ nently spepp aoross this faland, should iniure or finf on object so striking and 80 beatiful

Surface Orapping Vine-borders.-It is to be re-


 11
$\div$
1
1
1


 that it soenss something akin to to facrlege to break












 $1 \underset{1}{1}, \stackrel{1}{2}$



 in ixif eme finwert lini* are prohally onnntious

 bedd!ng-plants may therefore not only be er it with
 - I Ivan
 $\because 1$





 Aroberlielu; and we aball hear for the thous




 seppsifes of matifr 17 frons Ueder this treatment they have travelted bo feet, in sishe $h$ of food, and, like tho negrot in their favourite ©.. 'hang
 feld aro exceptional. They hat. 9 , in or more feet for the roots of thei i $\quad$ trma Fronts of the domkess nose, to tompt him stitl furiher $\cdots y$ aurface erap, but no others. The Aruherêeld caso, therr, camoth be quoled $\rightarrow$. ciroppung of rane-bardiers.
what has beon done is this caso, $J$ only por to to it being oited as a precedeats for general acloph in an

othar, as a practice only and wholly cril, and that continalidy, and every where, unless whea the roota are tempted to braklc into new ground csery yoar, as ay
 $1:, \ldots, \ldots$,
 the pipes halif fult of burni ballos or





 man mandy mole mater sod foliage，for the best plants I ever met



 ir
 sooms very little difference between what our corres Find thent mulls the B．rtent the on kroft wil whe hrit
 The Wenther
Her illustration of the present yenr 18 ail $T$
Mr．Bramham（Proo Regarighle lisw poin＇ 1 it may be worth while to dirept the sttention of yoa

 Mater quarter（consisting of January，Fobruart：n， ably above the average．The following are all it instances in the last 97 sears relative to this rule nll th
1 Mears tam－Meen tont：


 rrictery meanon atd find thist take nime rini is $\therefore \Rightarrow$


## 




 It I meana of beazing from beneath by hot wator pit


 prino thi Vine ppon what 1 will



loaves on thelp exe－t is
if t r，in is Vine thred wee
burgh．The resalts of the prasent ston it it

a vocates of bottom heating that It is neoneaqry umly for：
 Grapog in Juze and JoIy will hatwe to stat juto growthen owest，areit therefore will roquiro mere artifiofal heat im

would be shown that the beet Grapers could be prodiceci fiffer with Mr．Thoymson of the brarer the Vine．Few wil




Fe of the cultifation of the Yina，I waill yiola Tmplifylag the tha menasin of productiog the standard aco thlin lo bottom－henting I prodein opposition to und for zo other remem，Smasuel Sage，Grovall，Alifratone

## Societies

R．sYa Honticulctaray ：Feb．16－W，W．saцn ra，E～G，F．R．S．in the 口has the routine basinee hisar heen trensucted，the Rev J I）．a，after readine lim arards of the Final Cummotee，called thestentio wh made ol the game meterial as of parcien label．Itic
＊The warmen－－
iA mild wintor
i 4 zomarlathly mild winter．
an wat ne anosonpel intorn $0-10$ adnonron－1．気 6,
 timat
ray
 tand，were Laken from play it in be helita 1


















 Fhat tiey were entirely free from tho papention





 －mon wionto

 alprats of rebl ，and thous he indumen ranker ar guta arpen ta ly whedy recommended was to protert the tree
 wull be quite reast fatio to sur rom the but，ant it







 pont Gedent mithe com
 ixae uricr notice was snmentiat sim lar．A yound Iree lat limen gilanterd，the romits of which had become arel is it 1 e horer 19 wn，and were thently



 2．I ehre ir a ligbris ithe wis of ung reposteesang 0fyarance

## 













 from the delicacy of the $T$ thelyert apsen the firwers mofeover，were de．lc io．s）$j$ suret tit the evening，while

 derirous of atertakrog 11 me ，cure of theap plante，he Loud be liafy to fere the．m aper wiens for the
 drance wes now hang mada uron wher ha litto




on baving thatier，more ghucaw leste，Lot mown

 pontaminate the whole pris
ainalus nud 8 , kummifer, and stated that ho had raised an untermpedste 1
miss exinbret, as frourts olegntit form and peculiarly
 hadd sald reppecting the wila cabhaze, stated that hix
 approading fo trom the wild jlant, which was quito couktrury to
11 H, F revor Clarte stated, in Treference to the Chairblond miato the Polargontum, that ummenase perse-
 Wished to expernitent in this dircetimn prolen of Pelargousum fulgidum on tue garual 1 , largonatws, with



 at the extremity of the older branches were of a bright golden bue He stated that seedluggs from the piant reproduced therobel res in this resvect.
ostentific Committeo. - W. W, Sunders, FRS, in the chair Arter the minnter had heen read and exurucences on the roots of the Telegraph Cueumber snontuoned at the last meotiug, sid of whioh be hand
mire obta ., od other specimens in which Yibrios were








 ardev, and oll base formeld lorge orchard-trees Thoun on the Cab aud Doucin bare mido cansiderably larger headd and drunks than thrse grafted on the
 gonut rifeq if ferts is hut wit t e eane of thoso on the to canker than oth thicr f llie others.
 Mr Aeston, wheb sodectidesly the samo ay eacb of tha Pomminr de Paraja, as recerved frum Mesars andre boroy, of Argers, Which we kave becturand prepared to $\mathrm{s}^{\top}+\mathrm{ta}$ tlat theg ire all 1 + vilical The easply reromized hy tha re, fin truwn dark, an 1 the pecuar bulging at the biso or tho bals on the stems kerne, دfperrs is starid fron a a the otkera, the
 alterd them enss jerably
 Whompson of tide Dhart Apple of Armenta ishat and to ohom niay weari British Culymi ato the Endebted Fur the Stansat
 season produce blossom
in rery puor sori, and
it bas not had so fair a chabce of dere trens, po that theff of olue's arm, and the for ahout io or 19 Fect fich and $n$ it ident al with tio French fraral a itas colisidered

 that that parat cannot be settled.

 whioh were Fory much conkered. Ind the Feomen Pardise sepms to smbeced best in tel clatey Four hate never seon the alizhtcest tenden
The pignsy and minatute Para at
 the true Freveh Pradioo.
The grafled artmples axibited by Mr. Rivers on the
Enplith Eraralise, Pre ercolitent tho Brond-leaved
wour to those on the French Paradise oxhibuted by
Wr. Mestone nda also in their rooting propertios. MT. Meston. And, alss in itheir roth hot properticer and not so fibry rooted as the three former. Mr

 in it- niade ty wio parties dilerested Appie stooks, in
 vigour, dec, and oven of the different growsth of the
Apples workerl upoo them, to select examples to uphold any opinonn that nayy be adranced resyeotiog them. A true kitumited, of therr respective merith can noly be
obtanned by dreet comparison, pad now that all these
 Irix hiv nyn cmnellustoxs.
Irlir Whinn Sunders. exhibited a Hyaciuth of the rariets railed R Rubert Steiger, in which the fowers, E.ted of bersig of their usaal car was assseminted with st 1 m ro romproant tar ations in iorm and dircet.nn, form and an erect direotion It was stanted wat tho in Hy were of a mink emour and somewhat delormed Heretse the same oondtions os othere whid were unafected.- Mir Berkeley alluded to similar anstances of treseennm or phyllomorghy in Colchicum sutupunaite and Dr. Bias
Convalleria manalis
Mr. Berkefley exhibuted a small grafted plent of the garsegated Abutiln Thompson, fortsir led by Messrs. E ( Henderson \& Son The variegzted solun bad been crafted on a greep slock of A. striatum, and from the obaracter of the scron, thus furuishing an ammogous nastanoe to the Eell-known osage of the variegated Jasmine it the chetsez minhen, the athore of the gratt, shosisig tho whuence of the lather on
 itrisum occasionally produced variegated shoots whihout lavilug been grafted, and hencus it was not
 gruftrmg - It wna fsugyested that experinients on thio curious subject should be oarried out at Chiswick.
Mr. Saunders exhibited lenves of Cyplam Mr. Saunders exhinited lenvers of Cyclamen Ceavec saried greatly, $n$ ste, while their formas rartel from Cordute oblong, or nearly kidnes staped, zand futire or
 hons hithe rennnee enuld be placed on tho leapes for the pirpose of distinguthim; sppecies of turs genus one From the other.-Mr. Monby considered the leaves to belong to Cymben lieveratolum.
Profesbor Weatwond exhusted sone inseats which he had obla ned from tize bul of an finported Ortidd I'lio qpe mmenz were fragmeritary, bit sallienent to show that there lad beer two dat. net lis menopterous
 their efges in tho bodies of other jnsects: but Dr Thaddeun Harris, an American entomolagiet, had
 not juarisitic an its hatrits, and Proiesser Westrond Was understond toses that thas uFas the case witn the parasitite, wes teself prejed on by the second species of insect he had discorered in the Orehid, so that the one evt 1 lie otlier in cueck is the ef dence mas as get ery .mperlert, it was requested that the further conFiderace of the matter
Dr. Hasterg extubited
Dr. hasterg extibited a specimen of a mondranous Mastelo, setit by Mr. George Thotron, gr, at Stanstad Park, Susics The same man trunk bore short, stiff,
comptat shoote, wath small jeeves of a darla sreen
 slender pendulous whap-i, ane sliouts, wilh larger yellong noturell jeates. and perfer timalo flowers in full bloom. Dr Masters atated that he had nefer nefore seen or analognus ernes on other ord narily diseo, though sere not urifrequent. 1 'rafesior Olver, who hal plants mum attention to the loranthacear, had a so irdifrimel chat, in the itustletr, though such a condition mis
 pas the more remarkable from the faet that the sexual characteristses of Mistiato are zasually 50 well marked hat it is possoble to dishamasity the male from the
 aro Commistee thats this inglit be a case of natara -hat 11 in ficte perminatera- paras to on a parasile sat in of the branch - Mi, or Clarse harac out by $n$ wril-anown instanos of the Hautbois Bratherry Which tas sometimes hezmaphrodita but was ant ander cultifation to bocome Luisexual - Tir Manters I'rsior of Pan subjen, of herale, whereremed to the wery cmrious subject of potato grating, the possibulsty of ribich tuad which we hope to publigh in our mery detals, some of whebsem open to considerable sifer Whib othert ans mot 60 readily to be impugnod.
 erresmatances, and Euctsemed Potatom uhder notiaral resulta might bo attributable to this caluse That


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 prybries I ran lavt wil, in welt in any pold frame Where madunit fro neximontr mans and frost, should it wisit us, a arsilet fare thent plenty of air at all Imes Those whotave nos other consenafie in which 6) Btrike the r spring culting must continise to toss mer and to swacten rumess, ornal lots of fermenting many laving made their hed up rather promaturoly place withis the box or frams mbout a foot thick of
 when duly fropared, sre plunged. Spent Hops is another very excellent matertal for this and like purpoes, whey it can be obtarned,

## HARDY FRUT GARDE:

No dolay thould now take plaoe in procuring all 1 लcosery materink, fir thin pr pro pritection of alt
 tebruary, manny of the flower-beds in thon choicer frutts are rom uetros to expand Iflly it rancty of trateria.
 lately informed me that he used nothing but inse bants becured to poles placed asiant astane thn wais.
 hetwen nay for tro fal bay of litut Hay. batidy thus ioo-r.o twistrut a akenba a pantity in natural beat daring the day, by rotamag whin h thy ato $11 . y$ nighth Other santerialo are sorim, cinvat, Fressisy cloth, Fryei Domn, netting ext, from amonipat which no he biril, furth, at ithe many I would revomtnend the thiril, forth, abd lirit, but i hoivo to bave sumegITCHEN GARDEN
Plice small spray titickn oldssely and thuckly to the fmut enlt wind sour this will not only protect them theor ceactris bave talken hold, to increane onte





## WO have to thank Mr. Saltenime of

 W E have to thank Me, Siltar, of $\mathrm{Klam}_{\text {an- }}$ tiful spring dowering Irts Gemmonion beituve wril beoome as usf fof it in spriag, as the Chrysanthommurn in the thry aro intented to flower in lroter






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SUTTONS' GRASS SEEDS
HR ALL SOILS,
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PARIP, 1867
MESSRS. SUTTONS
HCTRRS for PERMANENT PASTURE
domyane thal pollownya
THES CI EANED GRASSES AND CLOVPRS.

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SUTTONS' BEST MIXTURES
FIR THE FOLLUTINO EOILS -
GIFF CLAY SOILS, to be met with in the

HPisi LoAvis, of die salic Formations, when
GOOD MEDLEXC 1 OAMS on the Mrnis of the OLI I IIT SayDY L' IIT SaNDY SOILS, an Neer Red San istone,


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CHilKF SnILS, ns tif Motnenin Limestone, th WiEfR Doswx -TLie Elevated and moro Exposed

H1, ATER HEADOWA, and nll Land under etimog 2 bushels of Grass Seeds, and 12 lb Clovers Hitr small Seed per tere.

2fis to 3 3is per acre. Carrage Frec.

## GUTYONS CHEAPER MTXRURES,

its to 2bss. per acre. Carriage Free.
PTOXS "ERYSTAL, PALACE" MIXTURE, for pur, to produce suppled to the Oryatal Palace Comwhel. Son 24 buhhels per acre.



 $S_{\text {econd qualities cheaper, }}$
STTUYS REMOFATING MIXTURE for the above
 to 12 lb . per acre. Prree $9 d$. per 1 b .
Aperal Contracts made for large cunditues,
Fure fer cent. allowad for cash paymentr.


The advantages of procuring Seeds direct from the Growers cannot be over-entimated.


CHARLES FIrt Grop or Ripglonder Pen U tals EXCELHERE AND CU, having gTown lergel


Farm goedr Direct from the Grower. CHARLLS SHAKPE AND CO, will be klad to somd
 CHARLES 8HARPE Garden 8oeds
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H. A\&B F EBARPE can offer tho Trade somo splendid


SUTTONB' PRIZE MANGEL 8EED, LEB SUT FONS BEHKR PRIZE YELIAW OLOBR, AUTTONS' YAM YELLOW IETEIL
Borran A Soris aro now propitad to quote the lowast price pur ont
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Early Fead for Sheap and
STTTON ${ }^{\prime} 13$ PKUVED $11 \Delta 1$ ITAN KYE -GRASS S the marliget ond mont productive la sultivation Bhonld be som
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agricultural education.
The EXAMISATION of CANDI FATES for the soclerys .iTIONAL PRIZES will the plaod in :f wook entammothg BONDAY. ApH11 so font in by Marde 18, many bo obtuined on applozeroo to
I. $\mathbf{H}$ JENEINY, Sacratary

ROYAL AGRICULTOKAL sOCIETY of BRGLAND.


MANCHESTER MERTINO, 3Re日
STUCK and 1MPLEMEYT prize HIEETS ars Now Roondy, and will be formardas on appuseation to MENRY WHITWURTH, Eqq, Local Sectohery $\omega_{1}$ Kiog Streat, Mnuchoster, or
H. M. JENHEINB, Secratary

13, Hesorer square, Landoo, W

## The $\operatorname{sig}$ Itultural Gatette. <br> SATURDAY, FEBRUARY 20, 1869,

MERTEGS FOM THE ENGL INO WEEK.


A system of traffic which allows of the free movement of sound animals all over the kingdom does not necessanly exclude forengn stock from tho primleged classes, but it admits thom only on thegtarauteo being givon of thour samitary condition; and this can only bo assorted after the animals heve undergone a period of detentoon, or quarantine, equivalant in duration to the longest time of incubation of any infeotions disease to which they are linble. With the remomhranco of cattle plarue and sheep pox, not to apeak of othe infectious maladies of foreign stock fresh in our minds, wo cannot concerve that this condition will be deemed harsh or unnecessary; and yet it is evident that under its operation foreign stock would be vartually excluded, from the erreumstances of theur position. Quarantine, except in the case of a fow valuable animals, does not, to accopt the importers entimate of the system, answer in a pecmiary pont of now. Equally, from our point of Frem, at mould not be juilicious, using the mildegt term, to allow imported animala, the previous hustory of which is quite unknown, to come in contact with home gtock, we beagg, at the same time, per-
apparontly halthy bouncos thero may lurk the ingury to tho samiture comition of therr fellomat. germe of a disinate whis will ber. nav, manufest Galy when it in ton late to prevent dissatrous cunvequences. Henco, falling to give th. .1. ${ }^{\text {s- }}$ sary es whetwe of frime mfrom infections maladies,

 $\mathrm{t}_{1}$.1., , wh. I i'n ranc ast among our herds and

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 frime rifuted c.anlitises os countrics of tranalt like Aluttion suad lrumen, shoud oll bo slasishtmeel at (m) dupot, or at Reveral, anm nlay whatlas twe extmptans in
 be oxtemdol to chamals foom Cher collitties whech are not countries of transit, aud where cattie plaguo ts not naturally ex.stent. We are met hero, h winc, by the awkward pozabilty of other infectous ilisenses than cattle plague in: thagencees which furmers wish to avoid; and hence it can hardly be expected that they will ebandon the idee of glaughter of all imported fat atook at the landing places, or the plan of fras enne, whink praw dealiy theant exclas, 1. if Are stork Theto ate many dj timy Cetris surarily in of slanghtire on the mlatcea, Tellipurarily at lonst it would lessen mpmort ation anld ratag trialo, it wruld not alsolutely prerist conlachacation of hat tetion by indroet meant, and if cattlo plaguo should break out ,n so lituited and pmpulous an area as a cromided foregh cattle rharket, weth darly antivals of frest toock takinf ilun, a ver? fretty m os the
 from at apl sti, ut it an eades the onty tio Which will satisty tue dem muls of the home broeder, auty other utraugoment, ptomatiably, minst involvo compleated ma hinerg, whech is a ways Lable to get out of orlor
In some way which sball be tecided upon, as opon to the least objection, anntidet betweent ihn-
 to bo ethectuilly 1 reate: $t$ and considera-
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are constantly nuder obsecration. In respect of every homeatead in the countiry it is, or can br. easily known whether of no the asmale on the fartu are freo frum zufectirnus discese, and thas belt; the cres, the dalager can possilly arize from the unrcatmeted monon, nt of all bealele.y stor $k$ being permitted. Nin diatinctinit beynud what ,
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All these countrios are wnthan the region summer droughts, aud water as there tho ". sioul of

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 npidy durang the are an ne seawen that (bey sond thole of wher, and chaneal the oultets if the drana-buabew, hruken stick, and ather matters get hlown of thowe into the dithear, and caum fund he romoval of alt obstruetions in preparation for




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Itear that theas fri luent mber xuprlayd of m n, nom Wheat, owng to the cinctual maldinest of the winter, enpecially when we nel aur usul supply of cull sprin Malite and cuthing easteriy wiols Tis silit to mon al



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## Obituary.

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## Farm Memoranda.

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## Miscellaneous.


#### Abstract

     kot out, and be can "do it. For 40 yens 'the knolis' of my tarm have boes seratched over. Youl cannof plough a rod mithout strikitigg a atonet, conseguuently and the canty sotitiers had enough other worts in in and ibe carly sattiers had enough other worls i, tha tencos aro deonying, and it it tumo to get up the stonet aro deayying, and it is tum tho get up the stomed 


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put thus - Ifow much hagher would this or that mbankment (as tho dane may be\} yoruire to be mide to prevent flooding? And as rwers have gancralli an embankment on cach sude, the raising of one involves the raising of the other, and so on. Agsin, thare are natrow plase日 whers botb ambankmentss magy requiro to bo get back: 90 that every individual cass needs to be seen in its owa lisht in order to determme what shoul bo done Now, wo repeat, the present ticre is $h$ phly favouratio por londowners, tenants, and ail intercsted investagating this important branoh of draingre.

Tegotafion contipues to be more than usually interasting. Thus the land and tho weather are in ravodr of fillipa up blanks in Wheat, either by truasplanting or dibbling in seed, and where such works have nut been concluded, as will be the case in late districts, they should now be jrosecuted Extremely mid as the season lias been, the work of cleccing, vegotaion, more than an average attention, generally speaking. As to young Grasses, water meadows, sewrere meadows and early forage crops of every kind, it may not naptly be sand the smuson is a month ahead of the averago. At all events the proqress of vegetation merts special notice, for in saveral places the soythe is in active operation, and in early sensons like this it is plants of ovory kind are liable to etiolate and suffer in ury at the rook. "Mow early and often" is the safe rule to avoid harm, and at the same time to seoure the greatest amount of produco. W. B.

## Notices to Correspondente,

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KNAP HILL NURSERY, WOKING, SURREY,

## ANTHONY WATERER

HEAS TO subytt tilz

## FOLLOWING LIST to the NOTICE of INTENDING PLANME

EVERYTHING IS WELL GROWN AND FLNELY ROOTED.
In proof of wheh he gues the date of their last remos all

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THE FOLLOWING ORNAMENTAL TREEG, OF LARGE SIVA

## Are well gropry and well rooted, and alout.

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BYABMORE, Io to $1+$ teat,
TOURTAIN ARCR, 8 to 12 foak.
gorgecarsimuts COMMON, 10 W 18 eot



BERCHL PCRPLE, 8 to If fott high DECLDUOUB CYPRESS, 8 to 1 Y fot NOEWAY MAPLES, 8 to 12 forl THORNS A POFAALS, 10 to 19 row Agit Gold Flowtrius and other ज्ञातt As bell bert Lirim, to to it fook.

Af well mo the abore-mentioned utioles, at Kaap Hill will be foand one or portugs the mat ar Stock of all tho better kund of Hardy evergreens, Deciduous and FLoweang obyilo TEEES and SEBUBS.

## A PrICED AND DESCRIPTIVE CATALOGUE

Will bo formerded on application.
Purehasors are respeotfully invited to inspeot the Plante growing in the Nuntry
Fo Catalogua can adequately represent auoh a Stock.
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ANTHONY WATERER, KNAP HILL NORSERY, WOKING, SURRII

Foll-prown Evergreene


Wrge Erergreens and Forest Trees.


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The Gnompent and Best Inascticide．


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## Tobacco Tissue





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## MOULE＇S PATENT EARTH SYSTEM．

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## SAMUELSON \＆C0．＇S <br> NeWLX Patented edge－clipping silent lawn moin



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ROYAL HORTICULTURAL SOCIETY, Londoon.
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For List of Detalk, see "ILLuSTRATED BOOK of DESIGNS" (12th Edition), which can bs outamed by addressng a note to JOHN WEEKS and COMPANY, HORTICULTURAL ENGINEERS, \&C., KING'S ROAD, CHELSRA,


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Tran mppatiority of thin mettoriz to all others for damp natuations and its dorability under the moot intemno frost beang now will.sputhle, nnd attested by ite extenive we in Scotland and I rclennl, as well na the prreetpal country seats of England, nttention 99 invited to lilio following summury of the work manulfactured with it, a variety zuprecectented in any olber anta binhiment of prat or prweent times :-

VAgsas,
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[^12]

# THE GARDENERS' CHRONICLE IGRICULTURAL GAZETTE. <br> <br> A Newspaper of Rural Economy and General News. 

 <br> <br> A Newspaper of Rural Economy and General News.}

## SATURDAY, FEBRUARY $2 \gamma$.

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GENUINE FARM SEEDS.

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## JAMES VETTCH \& SONS

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CATALOGUE OF AGRICULTURAL SEEDS FOR 1898
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The Large CONSERV ATORY, at fill timen of the year woll worth a viait, is now ruasualls gut mib bem

 and highy ornasnental berries, Hyacin has, and many ather Sprivg Flowtenlig Plints, niso heppigg to Lloral cugplay.
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 An Litu rufretel for the frst trin in this cotintry) a SPLCLAL LIST of NEW TABLEMAVZE, the ma st Thest
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 Yo. $1-100$ best rarletles, hatrif thil hilf hardy :




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 FLLLAB's ALEX4XORA dRUCCO DELL'S FVE DARF EEET
WILLLAMG HATCHLESS RED CELERY AHdRMAN+S DYIYERSAL CL CCMBRR (BEW) TELEGRAPF IMPROFFD (Won lep) varlety)
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Bretorta and Faredte Nursery, Eippor Hoilowity, London, N.

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Bedding-out and Eardy Clmbers,
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 A belaot Ilast of GLADIOLIIS for GRAPE Hises, in Pots, mi ATG HI DESCRIITIVE CATA
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This fine and very distmet Candyluft can now be supplied. It is perfootly diutinet fronn alj other poans


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YLOLA CORNUTA SEBB, PURPLE QLEEV - Fie
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RaMOLAA SEED. Sayed from the laryat asd brightej-goloured





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## YELLOW INTEBMEDIATE MANGEL.

Thus w, withoul arouption, that beat Merngol in ewthratoon, inil fert free froms rontlete From the symmetrical form of the rooth, and the leaves beiber sers emall, thas ratriety many be allowed to etand eloser 1 m the rown than other Mangela, heree all produces a greater watght per acre. It may be pulled with hald the lahour of other kinds.

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Of auperior quality and utoderate in price, for whith
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SUTTONS' CHAMPION SWED maxtalng its cinabstima THE BEST SWEDE IN CTLTTSTIOS It 26 a yert heavy cropper, pirfecty bato wo writ, of fine globul ir phelpe, knasi neck, wo onlt ono tap-ront. Sper ithicns of tias swiv. of 16 lb . in weyght, altintren wniversal atheris Smislifield Club Show lnat December
Price 18. per lb, ; cheaper by the of

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 Two Bushels Grase Seeds, and 12 lb . Clover Seeds rupplied per nerv, 28s. to 32 s . per acre, Carriage Free. SUTTONB' GFEAPER MIXTURES, 20s, to 26 g . per acre, Carriage Free.
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Five per cent. allowed for and phyment.

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('odtans a gkat.in of the rartous
 Pruming, idftogs, Croppidg. Treet man motlere clisel : fito thele -harmes qualty afe for golour, flesh, filmous, tion, sponch if ran Fision, jrce, fe Fio


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 dak las 1 ar Tublo of enneste, see page i, Gordeners (a cmerth Jthuary ${ }^{2} 1960$

Collentach A5 10 gh
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CUCUMBERS ALL THE YEAK ROUND. 'ARTER'S CHAYPTON
Sire Corrospondener, page 238 of the Fitrdeners'
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HILIELM PFIT\% ER (LRMONTS) - A novelty mithout
risal, pasgessing nill the desirable junatitea to manke
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Pinto not hior than 5 athe
Plante not hinder than shides had two and three russes fully expaniled, earh mpasinang rather mory than ornies arcoga, the indisdixd flowerz are large, very douhle, of the most perfect shape, and ditzing orangecirtce
Wi have purchesed the enture Stook for distribution in Encland, of the raiber, M. Lemoine, of Manoy. Planto now reidy I'rice ǐs. 60 d, each.

## (4 SPEGAL PRIZE MEOAC PAWARDEE



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TIEE AEST MIVURF FOR TIE: GARDFN. In Tinn, ls id nedte gint each In Bage, 1 iss int 2 in path.

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P 1 RK $A$,

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## The Garmenesg Chomicle.

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MEPTIVQ*FOR TII DOt INA WItK

WE of course, hold that all gardeners should 1a reading men, rading being nme of the prat IJFLifs to 1'morress which the prosent age kas brought very nour to us all Fith the alrantages now enjoyed in this respect by altoost overy one who cares to arall hiuself thereof, wo ought to see an imntanse improvement in the intellectual ondition of the various classas of socioty, improvemont of a far woro solrd and deenle 1 ch arheter than 1 s very generally apparent. In the case of gntdenerx, and especially of young gardener- the mental foorl, though plentiful enough, is in some instances
 ity costly character, or from any difficulty in

 whirh it is ne insut fir that t phentan. To all such, the plan indicated in the annered

 deserses

To the garlotanit fratern is the Lorlacullaral Prese affords one of the read est and $m$ nit useful means of obtannay instruction and mprovement, but whila the mind s often crajing, the pocket is as often stubborn









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Thomis Almond ${ }^{1}$ s cortificate shout






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 qeadirg－a Liplatove variets It dis now at year of Coneashare to this tallage thaty，I brought it out Seed inga I brame，has not beca out morathan 10 or 12 years．If my memory serves me truly＇，I beliere Mr Itakly，tho raser of the seeding under La matae，resides eather at Burnlog or I3urj 12 Lamasahare
Thenry Tayfor，Foncofn， Menry Taylor，Finncofr，near bedate．

## BOTANICIL DLRAWING No Y

Coyposite fowers，wech the tho Dasy，after being Fanitly de fined，should be snbluvided by lines radatio． rom the ecintro，as a piade for tive dirertion of the remilt ta tho sadd liorets beng all endowed with a twis or curso to one side or the other，zn arrangement unknown，I believe，to botanists，in this natural order．


In dratrisgs for scientifio purposes，it is proper to mark the number of outer florets，also the number of teeth at the tips，ns in some plants they are more or less numerous，The direction the florets assumo whether spreading or reflezed，should be noted．

The florets of the disc，or ceptro，will be found rather troublename to render，being geometrically arranged， and often very numerous．An attempt to put in every foret pterticularly would be dertain to result in con－ fusinn，thereford it is a saping of labour，and more Whechive，merely to put in the more prominent garts anthers and stignas．


Four－petaled fowers，sweh to the Williower，should be treated somerthat simolarly when they are large ensugh to be worthy of that trouble ：a square or circle into forar parts－groat assigkanos will be derived from it in ausuring the relative aize of the petals．
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B t．natal artivts requise to poseess a certan armount
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 tue fostering care of ahe utany able cultivators of the


CARL FRIEDRICE PEILLIP VON MAETIUS． （Comtinued frata $\mathrm{p}, 192$. ）
A TilteD work was taken in hand by Martas in 182s，and 1adeed tha one with mpich his asome will bo most closety aud endurably enmentery We allu te to tho monograph of Palme．＂Historsa Naturalis Palma－ rum）（ 3 Fold，inn fol，Muntib $1 \$ 23$ 50）The nechlar riebness of braz！in I＇alins，the benty of Brazilian furms and the tromine like，$y^{\prime}$ to acerue from an now and comprehansive work on thas fronp of planh，induced Vartius ta concer＇rato kia attention upons them
 onabled，in 1898，to pablish ono volmme（the vecond of the monograph），combainitg firures and deser！phions of the Palme he had discovered in Brasil．Therremainiag volumes，which freat of the family in its entirgty，were not so rapidly accomplisied．they cost 28 yeary of abour and researeh，end not then least of the drucur－ ties encountered arose from the necesticy of prownrion we raro and coslly materials necessay hi examantion MIrling obtemed the co－oneration of disionuisa culsemmes．Thus pe inatance，the chapter on the cuatomy of Paldis wisw writen bs H．Von Mohl the ossil Palus were worked up bp F＇Lager，and Sendtrier and A．Eraun contrabuted to the morpholowg l3ut by far the greater patt prowecded from the pen of Martita himself－zotably，tha chapter on tho genigraphical dutrebetion of the family，ta whels Mart us ewunctated his plews or phyto－geopraphy it reneral，and the rhole of tho thitrd volutos，contatalag desorzptaons of all kmown lalins，systematically arranged，and forman a 1 taelf an andost complete monograph of tho fomuly． The ementatio merit of this noris wns uriversally con－ caded by his col eagucs nat only was tho specia extended bu palms taereby in a great measir tho twords of a celebrated naturalost，that，so lone is Palms are known and Palfis are growa，so loag wal tho mame of Mertus endure．
The last great work by Mertua to whuth We can refer un this ghort retrospect，19 the＊Fl urg branali－ embig．＂Martius，in conjunotion with Nees Vom Esombert，had made an attempt to publish such n worl on a small seale，but somanbandoned the dea，but in 1839，encournged by Primes Mettermioh，bo planoed G far raore pretentfous work．in conjunction with the celebrated Fienuese botanist Bndicher．The projeat exceeded in prandeur all that had bitherto been ao－ complished in a botanteal work．The groundwork Was to constist of an entirely netr an ific elaboration or all tue accessible materials brough tegathar from Brazl，accompapiod with muretropa it is dificult for a mon－saientifa man to understind the magutude of such an undertakiog，but it must be remembered that the flam of Brazil aunbers almost fire times an many species an 1.10 entire area of Central Europe，and the latter，if worked up in s simuar mancer，thoud require seferal rolumes．The carring out such a Fork could naturally only bedone oy the joint labours of a great nimbir of scientific men，and Marths mas fortanme enough to ohtera the gervices of the pyont entant German and forema botanists for thas jurpose The Emperor Ferdinsad of Austria，nid the Emperor Don Hedro II of Brast end also King Louts of Bamaria，took the Fort under their spectal patronage After Eadichers death in 1819．Fensl，his sucoessor in ofrice supplued bis phace，





 in pursumpee of wich we may reasolawy hpe to see a close. Even nom the parts tlat dase of penreif form the most caumpreheusse wris su botan...al literat wre yet pulhished

## 

 the wor mas by no meane lausted to the portion. wors by Martur, tut lien be suppleuented nearly all the others by railuablo explanatis us on the geogra-
Rraphisal distribution, tho mede nal, tecirracal ond Rranhesimal minportanco of the secrial plantz He He
 accompanied by masterly defivitions, ant in the most elegant Latin Ife also contributed maps of the floral
diotetets, aud rontes of travel, \& Saseral of the
 as materpieceq, for in mans enges the men who wroto them had prev.ously de roted jears of stady to the
respect.regroups The mere mitucration of Martius other mitinga thoud th. seperal colnmena, for tas re are more than joil separate works, but th is minecessary to darate on them, becauso Martius' s. leutilt emanenco
does not depend on them, does not depend on them,
There ara, hoserer, many valualle treatwes annomgsi
 deen, Erythroxylew, wo. 'they afiord ex rderren at once of the extraordinary yersatility and obscrvatuon of tie writer, to whora no branch of botavy was unkown. Nevortheless many of them bive already acromplished their service to science, nad mere nom out of date. 33 ht

 antion of the word, ho was also a griceral natmmatis Io worked whithe indastry of tue nee, fillenting and uthlasirgever fart and scrap of nforuatton posisble,
apd remaned to the end an ardeut ioser ol classic herature, deluer, ng Latin lectures to the last.
Fovering to the main faits of Martury life, wo left bim un 1930, Just after his retura ron brazi, when lie second conservator of the Botamg Garden. For some yoars lug position remaised urchanged. When, hotw. the University of LanI shut was renoved to Mumech,
 Soliranh, be reectied tho post of hirst cor ervator
 connidered that jaterehange of thoughts and adeas formed \& prominent Cature of Martius' tomperamest, qualified for readily understood that he was eminonlly had seen and investijaterl the tropical flora, sud afsiduously cultiated the sturly of azave mints, tha
 diffurn of general proneyles, by means of ilhostrative
A ready pergepthoti of the licnutiful renlered his youths flocked to 4 q fecture ronon, atul as eagerls
 hroog : Celd and plade
A real sludents' feat tris the long-observed angual
 from Moutch where are the eteep and raph mountanufulls of the Halden, Undeniably botens was thero and certa nity without any detriment to soience. Spirt,


With abidget of onls 1000 g giden fintathard of the present sum) Lartus succeded, with ise nsistance of the hotanic garden a model establishment. The garden replinted, whon ta $185 h_{\text {, througl the arection of }}$
 monstrated aganast thas intra, on, cea ed $t$, interest

(Tu be Continurd.)

## PEAR PROTECTION

I din not like to mix thas article with the one on the protection of Peach and Neotarine traes, I see endorse every word he says. To grow firat-ciless Pears sway from walis would be labour in vein, unoless ther Fere protected from apring frosts (hour frosts from Fobrampy tilf the 1ith of hay Dosenne d Aleacon, n (Febreary 23) eoning into full bloum. What would
become of it if not protected? I grew great crops of

never needed protect,on. The espalar towards ine then I gres from 100 to 110 Pears on the tree Tue in tide garden are, tho greater is the dsuger by reason 190, but I lost soseral under miy south wall frout the ather luchy fellons or lunatics! They are not, I mastine, pract.cal and experienced men, netaphysecans, or malhematiciang , sjgand deniosent ounded), who are alway mistaking figures for facts Shakspleare uses the nord metaphysical char super-

 dea curden Pours foot from the ground May, spring frosts mat dontroy them, and if any are senson 13 torrid THe birds mearly demol.shed my low Gr1s. Then we are told by these happy theortsty that Peara man be grown remuneratively for tho millionir the masses Pooh the massea wat expect froms Lred in vorin were Pears sedl al a hagh pry wAraluan N". ghta $^{3 \prime}$ - the dessert, shall I say, of Aladdin, or Sin bal the Salor? So difficult ara first-dass Pears 1s be serured agarist spring demol.tons, that, thoagt scen tho shapie of the fruth, althotgh she blooms annuall
 horoughly high on an average, beat tho bush. Pears wind ns tho Eddustone Li klthoure, nind had only a 1 -inch board about ${ }^{5}$ vechess over their hedna as a eses Tuey wert lijernié du Comics the brit Pear of the year, amd equat to Beurre Stiperfin, and
 The others wrie prod, viz, summer Bearro di's in mand Bourre Clairgeau. The last is very haadsome. It hals, however, though good in flesh and musky, three fuce and aprightiness of firvour, still you must have retica expect from horteultural writers of the theoretical kehool a witty

IV. F. Radiliffe,

## SURFACE OROPPING VINE-FORDERS AT

## AROHERPIELD

As MIT. D. T. Fish assmmes that I have faught tho surfaco rropping of Vine-borders as a correct theory,
I beng to 3 tiate that I nm ght awaro that I bave ever doue so. But, zeting th. s nade, Mr $F$ writes very treorrectly of the posithon, materinl, and extent of the whentorders at Archerfield, and will net be surpri-ed more learoed 4 hun he I will state the fa ts of the
 Hin may be glacerd, at any time, as I tras when dea ins
With flo borders in oustion, they may furnizla Mr Fish with a outher topio for hut fortite pen,
As is usual, a walk runs paralliel with the maio range field, but in thise instance the wre situated at Archertho bouses than is consiatent with in much oloser to close, as in some instances not to aford more reom for 5 leet, while ia soma cones the Vina roots ara entirely exculded from the ungide border, and in others the theen thice srinter of $19,-5.3$ and that of 183 jij 7 , I made I found the Vore roots crowdtue 11 ), the as soon as torn up, a berder toade un ler it and torid domis lived at the extremuty of this fresh soll. the forder on the subsoril removed, the border belne madme lomn, the leqel, not with "fresh mailen matider," ap to the ol 1 states, but with common oid kithlieg barden woil Tr an espalier for Pears and Appleak, not more in snme and the greatest wisith to front of the vinering, of the borders from the fropt of I carred any not oxceed 22 feat mstead of so feet an Mre 1rish
 $\rightarrow$



 no ardinajl watermge he woull ban






 to bave been tabinmol Fines which Fere too shat
 the lasi, llirae or furr years. D. Thomson, Demen Grardens.

Fbante ©ortespondence.

## Indian Forest Appointments. Harigg besm

 somo further constat ration on thas 5 abech 1 beg en agajn to troublo 30 a, in the hope of po. utagnol as selection anti tramidg of goung wen lor these whers


 the rosult of examanations of the oundidas in
 to cotapete for one of the forest apponatuent, tyan

 be placed on a sorl of probation, boinemust smitr
 amount as tho Indan Board at tifis proposed tover ttice experise of ther maintelisuce,
 brameles of knowlente whels they wit ereatuly
 mwit pass in minamum stankard
 to the resilts of twir eximingtions. It miga,
sungested that members of the Intitito of surn or of tho Horthultural Soctety slould, a afire in phet of the examin.ng Board la order to tseng
 agentan on estates, or 12 weoulind d, strmik, an: AR fur the benent of conatry gentlemen trad the Jitent, the Corticaltural Socrety might erange 3 bizt the Horticaltural Socjets might arrag
lectures to bo giren in somo central fion lectures to bo giren in somo central heothon os

 Butany, ]Limots of Iadmen Trees colupand inc


 thapowhow willed tontiend bem. Tiogusthine as
 Sootlant or Treland to send in therr
F.lling to taike foumit men and espectal







 forest manndement young men to so to France or Germsog The maty
 that the compet.

Arborianltas on the Iudan forest questaon mibl peatio
an piong you in holdiag，that whenever with you in holdiag，that whenever
required to qualdy 8 oandidate for
otment can be obtainod in th2s him abroar to
hand，if it oan 15,1
wh．le ． sper are reveralities wheh no ome is rery muels in the dark．Uatil wo gut cannot be bad lere，and whioh mo siss to the Continent to Ieakn，We can tay are，or bean ganded have also beon
 －ary fritem of admanistrition，fec，but these agan
 reas it $s$ haperahicely necessiry for them to acquire． panaemotht，कinch are only not to be learned liere $1+4$ te usfe no need of them，but which could be w teseh them－for example，the Iopplnge of
is when thej are ferfed are often Jeft to are fenfed arg often eft to
The expenco of ciarrage to
mreater than tise priey they
 perfection 16 tho nemlneas and ery scrap 18 preservod for use．A weater matters to les taught on the Continent than en deatstue reason for sending our arborioulturists to lawn 13 nomemhat of the weakest．There may ch on mot givno，huf until re know what they wall bold it is thajir organisontion which wertaps －Ma orfinistion is to bs blopted to Indiap remation which of sending men to learm What the derderated information to to to the gry has to andal system which it is dosirable
天 writhe u England now，lhey might not，by
 an hemes accarred to question whith does not
areg firecutivo or ther Lut and blanders of tho Codtanental system？ adea seen taken to hare granted that twere are elaborate，and the machinery carefully
 ating thelr admirablearboricuttural 5 ent arboriculturat gardens，whieli in nt－in fact，In ererything that Govern－ okes potwith siamding all thas，thers rigithe wordo ours in erery branch of lowtil of trees．in its literal soluse，of the
particle of ary man in particle of arbneicultatal mown in porester who shond rants to shed their seed，and then touched by knfe or hatchet for the forenlry that oldr young maten for how far tajs syitempreralanar over Germang，and I may adel， the Crome sel in my but there ougrit to be The En inst and adl onghit to be
other panntis the soung Indian foresters and if it followed in the sclunools thes ，$\varepsilon$ a part of the system，it woud be
to kuow whetlier upon that followed in Brilain or and As for mas to be adopted in or not， that for in that respect I the old plan， ink it $2 s$ better described，but brve erery
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 The espalter on the Crabdi ugympas the trellis you
ith dificulty kept

 ing now and then，and some attention to see that tho
spurs were equall
dsftributed along the line，being all
 ring for the sake of having guob a pretty graniture to
our walks in spring and autumn，even if the proat
 for ladiea and young folks，
rambles，affording both exercise，隹 Wh．ch have been clamed for these fordons，but
when once they are seen well done， order（wa cannot expeot they wull bo in Enpland for a gear or two），oversbody interested in a garden will be charmed， ，and the plan wrill，I venture to say，be
adopted in the largeet as welt as the emallest tardena in the land Every operation connected with the eul． ture of these trees will be agreeable 11 consequence of
 buds no spring，to the gathering of the fine frutt on autumn．It is to me vers surgirismg than thone of our
 and somno of them for the patit 101 yoars，ild not spy out prising still，that it is but recently that we lave prising sinit，that it is but reeently thas wo liave arued row rop rab，ason the real value and nature a）waya Yocommended the Doucin or Eqglish Paya－ dise），and no doubt but for his expasition of the
matter，we might have gone on for many years witho matter，we might hape gona on for many pears with－
out knowios anything of value about it，as we have
 Mothwithstanding tue proximity of the Pmit gardens sbundant jiteroourse between the tro countries．$\frac{15}{15}$

 livng edjange，but rice once fairly understood，
the little edgiog of choive Apple trees will prove the the little edgiog of ehoios Apple trees will prove the
most popular，profitabale，and useond of them all for the frut or kitchen garden Apart from edgings，the plan of planting ithe cordon on the ends，froits，and low walls of plant pits，and other houses，ow walls on walls of any aspect－1ndeed，ou any kund of blank space on walls is anotber disturot improvement，and When we lavolt in full opernion，the spect mens of the finer and tenderer fruts gromn on this method w11 bo sueh as wo have not het had the pleasire af pro－
ducing in this country．I Looked in vain in Mr．Rivers letter in the Gardener，CAroxicle of January 30 th for any reply to a single statement in Mr Robinson＇s first distinct accoust of these most inverastmg stock that I have ever met．ซith in our language，and I sm stlonthhed that Mr Rivers，who taiks or haming studied the subject for zo many Jears betore Mr．Robinson
wis born， the extriordinary pontradiction and conifusion so clearly pointed out．If I mastake not，something more than personalitisa are required to make us take any one＇s ipse dixil for Rospel，
Barnes．Biclon
Garderns．
The quercus Ilex，解 an ormamental tree，certainly stands unrisalled，and I bave often felt karpneed at its not bong more estensvely phanted st places where to largely and think I may 89 my worthy emploger has some of the gome country．A large belt jhanted＇liere on the north sude of the kitchen garden etfords exeellent shelter， and also forms a grand fonture in the place when and wed frorm nlmost nny pont．For blocking out buldiags and other objects from vier，for giving
shelter，and as an ornament withal the Tlex shelter，and as an ornamuent withal，the Ilex Oak，in my
opinoon，is unsurpassed
When pinnted out in groups or angily in the park，it gives the locality daritig the dull monthe of winter a elothed and warm sppearance Notwithstanding，it docs unt recelve that amount of
at tentiou from arborveulturists to ant thed The handsomest sperimen groming in the park here stands 19 feet ur height，its branches oxtedd
over an area of 190 feet．Its stock girlus，close to the ground， 11 feet 9 1aches，and at 6 feet from the ground 18 feet．There are many other noble specimens grom－ ang here，asd of a larger suze，but the abore is by far the handsomest specimen．One，for 12 stance，girths，plose to the groundi， 20 feet，another， 12 feet，has aitaned the
telght of 70 feet．Thomas Foote，Gr，Maddon House， nelght of 70 feet．Thomas
near $F$ Ieter，Febrwary 10.
Green＇s Patent Hot－water Boijers -Mr Witls liarng epoken so hughty（ 079 ）of Green＇s borlers， should like to know whiathor in his opinion，if thas boler were bricked in it would not be even more
powerful than he reprezents．It surely must lose Rreat nmount heat exposed to the action of atmo spheric sir，Agan，was the boller at work the whole of the thre montas，or onlifing few nights ？as the
amount of cole used is so trifing oompared to the con－ sumption of other hotler certanly has four timen as muoh work to do the the on

 in a oovered ghed or stoke－hole，this is all that is
 hon in the fire－bos，this quick c reulation contrin ues． The great object I oonsider is to keep tha water con－ stantly circulating througit the ares to be hested．Thus being accompliahed，the quantity of hast lost from the
 being to equse a quiok circtalation and net to heat
a mass of brick work．The boiler I referred to was
st work the greater part，if Dot the whole of the period，
as stated at
 feet 6 inoles high pud 15 nohes dinmeter，at When I savi it，the dre had been lighted but a pitile over an hour，yet the whole of the pipes were so hot that it was inpossable to keep ona＇d hand on them，that showing that the botler wes capable of heating three or four times the quantity of papes attaclied to 1 t，for no practioal man woud nallow on phbeating medtum to reman practioal lenn wou，dilorn of time so hot as these pipes reare，if In expected to keep up healluy vegetation near them． In this case I found there was vers little fire inside the frebox，and on asking how long the fire would lant
when made up I ras told that it hnil heen bankel thp at 5 F y ，and found all right at 8 o＇clock the forking morning The other boher I lave reens of the same size as 1hat nt the Roynl Inorticultiral Garilens
 one could wish for horticusturit purposes，asd Mr Murray told me that the fire pras made up at 6 o＇clock the evening before，and that it Waz simply stirred up
the first thing in the morning，a little fuel added，and the damper put in at $\$$ o＇clock．The desired amount of heat can now bo obtained st less than one－half of the former cost in fuol．I had，as stated at p． 79 ， orbered ono of ricens bilers，intending it to beat have a si，ght alteration made，by whach I bave no doub
 pense with two firez，which will be a yery cons derable saing．The boler will be fixeld in a few days，nud I
will hereafter give a fathitul repart of what it really cano do，and if I fird any faulta I will name them．I trus
 Further，trust that all who are wishful of nmart ing any information，or asking for particulars re pecting this mportant maiter，will givo their name in order that the subject may be dealt with in a
straightforward and proper manner，and without
 conmmendables pat，enre than your corresprajent further 160 ，and instend of nekitg at lie has for botler，whose zatried cspablit．ey hase been painted it buch glowing colours， ，perhaps moro anxious than Wise，resolyed to Fisit the establishments referred to in order if possible to witness a genuibe ecoovory of but I regret to say I was sorely disapponnted，not to mention the loss of time and expenss．It is just probable that had not the name of our estermed frienit tated and been nstue so freely fandled，and kaomng the exttre dism terestedmess and moparitality be uniformly evincea， ventured to undertake in tour of jnspeotion，which has ctablemimetomiven Tenis to＇ 7 ＂＇by statimy the focts sericifist Arrisine ot Kensington［ mado for the botlor，whicit，in staelf，as stated，measures 4 feet
8 mehes high．but I maj add that when fixed， including the gatipt and forppipe connection，it of a boulpr requiring o depth exceeding © leet clammin for ttzelf the posalbility of bang fixed in places＂inace cand boiler is heat ni＂npward－of luks feet of 4 inch mping．＂Allow nie to correct this assertion by shiting liping the quantaty of piptne 15 onty zin feet，a good

 the lonpest，Notwathatan ling hapiog bere met with
 Whete these boiless were to be seen，but，to moy utte astonsbment，there was no jatent boller at work this boilers had beep upon the premises for the pur pose of a trial，but had to be removed，gad on examine hon it mis found necersary to return it to the malser

 sad bouler，preferring as 1 doto remata altent，
overy opportumity has been guen for a far trial cancoot，liowerer，conclude mihout agaza refermag to the disapponatment I experienced at having seen 80 httle sfter hasing read a whun，it would be mell ueकrpaper correspondents，instead of jump ig Air jil Vineries，I hate saveral yonot Vines jn hause with other puants whinch cati
 arr at all on finm dase, tor it (t ines cannet be sprinn successfully io a house where



 Ernmation honsocs along with the Vinee, whod produced eruntir.



 Tates. Tature And Potatos. Th: Mritr of H :








 ground is moraliy beneficisl to the boldiet, as 16 is



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 to conimain rense vesther bastr I rited aga rist tio 1




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Lring for a lengthened period in los, th a lable na
 convertod $3 n$ mo material of stzen reguired for use, the EOnner it wild dr Its tume of iryiag bs porazned he









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## Societiez.









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## Notices of 3 ook 5.

her, "mit Halhstrutcher,
 Botanjk zu Berl n astr .lasisus \& Norgate $)$ Trees diruhs, cetht wated in the Operi
Xorthern Eurone, de

$\qquad$
$\qquad$ oy de hely to rebel, he oe great man sanetionathand and to the Irestionab rs 11 e are rhout to bo some of the imperfections
ard we therefere prefoen we therefore rifeface
Dr Samuel Johnaon 2. \$1ss bonten always more of ferdale weakbess present ormsion we s $\beta$ y
The truth ts, wo art and for the "Arboret ams, natand fretful by itg blem, shes
naty, however, $j+e \mathrm{~d}$ lo the Althold to thm Aristides callell the prasiag an! admiriag marrol of waductry, labour re mate to prolixity I'he odinarg vation to Ejon over mare parpmac Tite arder after all they nera , and it is nlmont tie elaborato contents tribing variety foftess no difidual $\mathrm{m}_{\mathrm{w}}$ iosy foften no Tr it advantare to the stad) afusion and embarmsament ond a work (eapeoial) $\begin{gathered}\text { titigh timnaman man of the }\end{gathered}$
 15 yorang over and trying to and munla more of the same ought to bo is t.tateo as bie. red br to ve, and ats usefi-

 and whethers more of a foortaculterist reanda arrangensent, In forboreturn of symonymy mil bork ot a a not malied hy fefeetg incelental to tha an cal a abocelion, for treas treated bolunicalfy they cannot be
 hitringe of wion thoy form a part, $\mathrm{ri}_{\mathrm{L}}$ is areater than ontanfical glit to narer been
time the brook mentioned defecte were blemishes at the say that tho lipso fof 30 years nus not Eritened or

 collion

 ath.1 remans the stan ard mork on for the fer that work of amprore an en on the subyect, ance of the Arboretime sisterire prop to thic aprearzuchs, or Arboretum, sanh as tif denow's blamm-


 is alzo, and we beluere mandy, dun to 11,0 getnoral the Aruoretum Furriber of tia thts eront artied in nature for patures fablasterey hove fet that the possession of Jomdon's cuts and pates (whemer m.ght rival work by brin ariz out it pens al ton sif any i rought ing to lie stite of knowive in ol the loudnan, Jij, and ili satrated is treold culaz an of the jreasen the case magtat be. The veto waters iliese consterne hare put upon noy attemput at sumpla cmsideration Wrik on trees an f shrabsin E.celand ling an Inmpoved at last disrecarded in bionmony and thapplay bear ruts bolaly met by mivir jorh, by qenerill consent the fitast and nassor Kari bif bing meneril consent the fittest and mist learned of bing men for the purpose, hill sumply conammed a whrk Bich will supply louldoas deffecentes nod emreat



## The Aptary.

Tinnaess and Watruxics in IL ivit -Can you tell me the causo of thy Ahat whati nota ned

 being stored m the ce Is and pror to $1^{\text {ta }}$ benge sagited offr, a large amoumt of craporalou, it is botit fed poes on, whirn reduces a ln $\mathrm{t}_{2}$ e lrapee of consister raj liest
 Was eol.ected was so watery thet a stilliciment amownt evaporation did not take juace. Whenthis is ilo casc fermentation to a greater or lass degree usually sets an Whether the honey be Irft unbroken in thee cormliza ranheu out ato jars. Such homey, sifter being (zra not Bury properly Eolidilles, and whl not beat loeping But in ordinary Enasons it is stranke how the qualidy
 have often ba 10 the satime gaten, may vary Wa minty in this respeet. Fromsome the homes weal b of a banitiful amber colour of nortanl cons stenc and delretous tasfe lirotal others standink only a fear Ho jear, tho loney would be of a dark treacle colour ery thtok, and of a strong, pangent taste Some rears agos in another distret, wa had talson of a gidebry of a collatera? hive, which contained about 85 lb of what appeared to bo delactous horef, hut whici when tasted had such en exeecdandy drangrearble acend faste, that no one would eat it, aud it lad to be thromit Whas $\alpha$ sto colotar of both oney and combs it ma all that cou al be desired, but dhe conststencr of the bomey was somemhat low tham 11 ial I In the same


 oi the liest the differance bs supposing that tha hees oing water-plavits of a Fory larre trant of bon-land whilo the bees of tun second hivo had of bon-and food in another dircction, bizt, mhethar thasht them frod in anothor direction, bizt mhether this was the For zany years wo lad two aptarics, ono an a pardon Walhun thren fimutes walk of the contre of a large town, and the otmer un the country, at about three males distance From the former a large quantity of
 Has bety far, but, while ra a fery dilament deserijtion of the dires in tacly honey whicle was stoted in some in aphearance the anderntry aphary it newer eitusiled in aphearamee the ambereonured zones collected by
tha other Lives in tho smme rardan

ARTIFICLAL QLEENS Do gove rontader quMeng mpted by dranine suarms : $A$ A recsin litres quecons whimiare rasced in a hive kubsectueutly to the bees being drisen ont, to be urt finil queens, prorided there тere no royal ceiss pretwounly exstang in the herot and that suth qlecnts are rusnd from worker
 parpose by the bees. It freil ently happens, when grarmine parcel oht of h.res, tiat proparations for beer atready conatracted and tenar led on cens has the queetrs wand be rans lered as matural onn4, troughts the suarms mande by foreitig mitght apptroMany" may be ohtsinad ity irl. Fient Eircet or through any bookeelier.]


#### Abstract

Miscellaneons. Covent Garien Notes. Tbe marke is now partucu      from los to lin per Inzen (tow her oblabsed for   Misuonette, heartiful dwerf ofuIf, at le  an I are sf it ? fof is di rirde ar 111 ebran   


 Volets, ane Fery plentafl
## exatien operations.

## (For then sul" meepl.)

Avi dupleate phanti of Steplethofs, Cherodeadrome

 ory beant, fut one-Toren nente ted plant, thay a mular subje to not alresty int flwer, with many othe



 some growth inl, Le at t to rivk of 2 mj srins the delatate roots whica emanate from the bulbs when onte they treater pert of the process of re-potting, the shonld be eqrefully removed, an I they strould ater* mards be ented $w$ H moderate frer nesg sto to and atero of such a sizo ns mi lidmut twe hall freely without un fre pre zure. The comprost 10 ith rehthes Jenatat geaf moati peat oren loam, anl moleratels dicased
 a good bre rest to atart ilsem well, whit hequth proper huma is in the at linglderr, may arersie from gams more power. It shonll not raw that tho sun num of fis now tise the sy rince maro freely and inducea farther actisity of all tho mmates by a inademate supply of ationspherio molature at sill thmes during Lhe earts mart of the daj und forenoon. Frehstios should a bo be started ato gromth, there a digplay of fine plants is required at the blooming time. Continue where abundanace of room exists commence pots" and those that require suoh help most ininnore the l hits entrely from of atl pits or framos contuming the ce and amilar sabjecta mitich are nut enig puaned on an heat or liate been repolted, and aro still in want of
shelter sudassistance. By doing fhis at all timas on каam suany dass they will be greatly benefited.

FOECENG HOUTBE
Now that the snn's warmith his gnined such an mount of power as to make itseif relt, let a gentle but cexded adxance of temperatire be riven 10 sll forcong
 be too frequentis urgad, in regard to foroing hoases, hat a stea ly adranco 1 is a sure nad safe rnald to succeasm; on all the early phases of forecig operistans. To undy exeite the brawelies of any plinhs and so pisis hem on at $a$ quicker mite than $t$ is isely the ronts can affird a suthesent surpls to keen inp. or tho roots being

 and this ehoula seldom of be is it a.l thmes rafe, and this chould seldom be exceeded ot the earher stages of forciog by arthicial heat alune. Of course with all advanee of liatural heat an abundance of alr is almas desirable. Cont.nne the d,sh ddlus of al
superinous and unnecessary shoots, bearing in mind superinuous and unnecessary shoots, bearing 10 mind ner, tying the bran the tos they extend shonted not bo and ily nealected, as they quirkiy bemome firm ard stifi, and are apt to 4 nay mit, if any ereat 8 ay $=$ mermited in this respest in the nin ne the farler berries, it should a heasy one. Thin out tho buncles pretty libersity and before tho berrnes have altamed to any great size, sad to mili be found that the plants wilt aseert then powers by the production of size and werght, with no risk of thelr not molouring tell or 3linnking, \&o, and less winch ton irequent $y$ artse from oser-croppaik and ine creutances. of the pote, \&e, shoull be hurried on during fine ad favourablo intersals Sucenssionals which are in their fru+t, ny phts whouid recelso in nee top-dresging With coot deenyive Degens of rich lonmy turf, sfter wards giving them a quond soakng with strong clear lraran mant, re Pot any furt. er bateh of suteeconnla wh oh tate nioderate fillin the pots with roots in which theygre now growning into herr fraitipg pots Shut ap the howse enriy it all times, and on bright sunny fiternoons ospecinily. At such simes the ther
from $88^{\circ}$ to $90^{\circ}$ by wun-hent alone Give at such a below protty coptous ayringing with tephd watar, not Sthmberry plants, es soon as the bloom is fairly sat,
 waterings may bo safely applied with tolersble
frequency
Another sowing of $D_{\text {toarf }}$ Prene Beans frequency Another sowing of
ahould be made about thian time.

## GARDY FLOWER Gardes.

The lovely varieties of Sella will now have done floweribg It will be of great advantege to the hulks if all the old seed-vescela attsoced to them are pleked Zoser-and it may be rightly, for much sharp cuttíng Weather was yot be expor rimalar rambling Briar-ike sorts, ale liosek, or ot her out, the Prorevice or SLoxe varieties should be prunded Ho four or five eyes, the Danask to biz or eluht, the Hybrd and Dacamak Porpetuals must be shortened afler being properly thinaed, to three or fur gyes, eocording to the streagth of indiridual plants. Teasocanted end Noisettes may this season, ws the wood is somted and Noisentes, be permitted to retain rather a to flower pretty freely.

HARDY FRUTT GARDEN
Of the proteoting materials to which I drow especial sttention Jast weol, the best form 18 the Frig Dorio It is composed of such a throl ulustantinal material, bowever, ithat it absolutejy neccewsiry that it should and overdrawt prowth is cartain to bo the result of flxing it thereto for even a limited period. I have shus material fixed to the wall, upon iron rods, with mags in precisoly thesame manner as ourtains are hung and a groat amonnt of prokectron is thus aftorded, with ctrim:s pleod to the top onils, and tenter or stretchhook fired in the whils at the base, the whole may be drawa for the night, or refolded each mornings, in a tidy war of thokeng to the walles, or to poles, de., which ara oftion employed. The next bast material I', take to be ordinary proteotive fifh Detting. The best was to apply this is to fix it firmly to a properly securel from 6 to 12 toches beyond the wall to project poles being placed perpendicularly in such a manner $\frac{\text { as to secure a umform distadco from the }}{}$ Fall's aurfare to the baze, and to these the netting 18 nothing weed not bo kept very thsel. The board above Fill ward of mousture, whether collected in the fortu of der, or the result of supericial rains and as the mpring frosta we fenr bo greatly, generally fall perpendicularly furface in opposition to it For dhannesa yents scrman canvas, $i=$ tuehes wide, sud Hespian canvest, ib noches wide are to be takem into consideralion, These wero adrert sed in last watk's Gardeners Chronsele, and to whan it I refer theso trion requre sucher and ure ench only Jide the yard run Thas material widthand lightnem-must, however, 业 mith the Fripi Domo, bo regularly removed from the treas during the in . There is another material for protection mach be seen by a reference to the edvertiseanonts, Mnay gad so let it reman duritg the gainst the frees, which injury 13 akely to acmut from frost paritis in objectonable, homever, in that it from frosh, this is
 sungy weather, as to fumish tha very one durigg mild sery for the formation and the ourct conditions neces-pesti-so much go, that where it is growti of asect foomd safoly ansoonced with it is fernoved theso are formed, and unon anced within what follage has been fortued, and upon what fruit has "set" and is swelling, and it 18 orten e very difficult matter to dialodge them. The rink thos rua will therofore gund many ageinst
permanently fixig any enol materials apanast thear perma
trees.

## EITCIIES GARDEX

Luttle can be odded in this departiment to what wag
 promnontitete that the eperations them alluded to will pernit, however, propare tho necessary ground wist will
whioh to mow sucestional crops of Peas, Beans, sud the mann crop of Parympeps also os feem rown of srould. $W$, $\underset{\text {. }}{ }$

TOWN GARDEAKINO
If the ground has been prepured as praviously directed, this ta the propers time to divide and plant out plante, which $[$ have found to do peresnal, and biennial plante, which I hape found to do weil. Lagetiea $z$ this 18 one of the beat piants for confned gardens, growing from in to 3 fert high, jts beautiful leaves appeaning tariy in the spring, and contiruing all the summer, Carnaftons the old Spico Clove atill surpassea aid, an it can be eastly flowered, and masy be propasated to any
extent. Chrutinas Roses do exceedingly Fell in the ertent Chridiacs Roses do exceedngly Fell in the glample about Chess, I 1 susily protect them with i handood condingn. Reremhal Candyluf?, a blowy white apriag tiower. Catondmeke corrulea, wery pretty plant, about 18 juches high, baviag very showy bright blue flowers, Centaurea Cyanus, Fery pretty in July and August, and or tarious coloaps, Day Laly growa well do better than these in towns. The Alpone Auriculd
this is a spooies of perennial Convolvalus, of easy culture madian well when planted in bores for training aroun nardens; from 3 to 4 feat high. Doerlasting Pea: very garcens; , rom does well when trained to trellis-worl, hut $p$ adt will thrive well in any open epsce, throwng up past wid thrive well in any open Epsce, thamewng up pyranids of flowers rom 2 to 3 tee 1 feet high, thriving under the arip of tres. Galaga, or Gosts Rule, - fee high; there are two veriettey-pmik ath white, Roth
very showy border-dowers for towas. Goldon Rod,

 Lupninds polpyhy hics, the blue nad white, will do woll Gniversal favourite flowers abundantly in the Cemple Gardens, and I believe will do in any town garden if oare is taken not to disiurb it. Aforvel of Perw flospers
frecly, and is very ploasing, with the verious colours on the same plant; from 2 to 8 feet high. Pinke: the
most bardy sorti do well in towns. Rockects : the double most bardy sorts do well in towns. Rockerts: the double in a cold frame through the winter. spidemoort, a oharming border-plant, about 18 inches high. Tassy Will in apring grow in most places, its leaves are very
ornamental. Thrift : the pink and white varietiesare well adapted for edriok, partioularly by the sido of tiles Teronsca. the white and blue flowers frecly; about in meles Lugh. Garden Taleman will thrive any where; from 1 to $g$ feet high. Farrown : tho double
 oury Bells, scabtous, de., it planted now will flower (reely, but they will not stand tase winter in tomn The Orange and Turk's-Cep Zalues male a very handsome appearance, but they oukt only to be moved Fhen wanted for propagation, whinh should be done in Septamber. J. D.

GTATE OF THR WEATHER ST CHISYICh FFAIL IMDDOR.


## Notaces to Corrospondents.

 Wilh It to be dugtinotly understood that they cank lay, uot

 Aptectrum byemala






## 


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I ㄴ․ JESKINS，Seeretary
Che agricultural Gazette．
SATURDAY，FEBRUARY 2才，1869．

## MCRETINOS POR THE ERSUING WEEX．




Mr．Canna has done good servico by again calling attention to the Beet Scgar Mantoac－ rume．Having last year succoeded in re－arougng Englogh agriculturists to the value of the Slesian Reet as a crop to be cultiyated for its augar，he has now，in a letter which we have reproduced in anothor colnmn，informed ua that Mr．Dences， a sugar rofiner，has erectod a sugar factory at Jareubnm，in Suffolk，and has passed about S00 tons of roats through bis machinery this wanter．Contracts weto entered into with the farmers Bround Iatenham for the smpply of Beets at 20 s yer ton，and if the Weather had been ordiusrily propitious， 6000 or 8000 ，instend of 600 or 800 tons would have been provided．We reported some tume ago sbout the Suffolk Ibet crops of 1868．Of course nowhere last year was there anything like half a crop．Neverthaless the result，both to culti－ vator and to manufacturer，has been so far setiafactory nt Lavenham that the roots grown hevo proved quite equal to the Continental average in point of sacchanno productiveness aud larger extents of land are the year ready， so that next autumu Mr．Du seas will have his raw maternal ready for him in good time， enabling him to get it all fround up and con－ verted before it gets spolled by dryang．
The analyses which have bean publushed of the English and Scotch Beot roots，have this year exceeded those of Dutch growth in quality， and Dr．Vokloksar finds that the Sugar－Beet grown on Lodge Farm，Barking，by the use of town bawage，contains zearly one－half more sugar than any other．The following are the anclyses．

## Whare grown． Hollimil <br> Sinflolk <br> Scotland

Whether the roots analysed were in other rospecte equal－equally dry for example，and of equal ane（for tmall roote alway contain more
if gar than large ones）－Wo do not know，but if these thing have been equal，thise is enother encouraging fact for the Sewage Company， who，having already shown how to oonvert London drainage into 8trawberries and oream， can now provide un with suger for them from tho game souroe．Mr．Cairids cention as to the avoidance of reckiess epoculation，and the need of experience and care in orler to the leet sugar manufacture being profitablo，extends ilso to the cuitivation of the crop，for profits here depend of courso ot profits there．And if it does not pay to grow Flax before a rettory has been established close at hand，much more would it be folly to atart Beatroot caltivation with the intention of sending so heavy a arop any long distance to the manufactory．In the hope，howevar，that Mr．Dunosn＇s succeas may be the harbinger of meny simuler attempta else－ Whore，we may add some further particularg on the cultivation of the crop．The following is Mr．Fisi＇s report on last year＇s crop as a guide to this year＇e oultivation ：－
＂Broadly stated，no green cropa can be said to have been very profitable last seeson．But the sugar－13eet crops sround Layenham were about the beat green erops in the neighbourhood，or，indeed，throughout the country．I Fis called upon to spmed somes silver oups offered by Mr．Dincan for prizes，and therefore had every facility for obsarving tha orops The bet crops yielded 29 tons per acre，and the two next best yielded 15 tons and 14 tons per more respectively．Somb others that were weighed reached 18 tons per ecre． Although the geed was all gupplied by Mr．Dr Noans and was all alike－viz，\＆mixture of white Silesien， reem－toy，and red Sugar－Beets－there was a great dif－ Freuce in the crops Nineteen farmers grew the Surar－ Beet，and，of course，in so many hands and eosttered over several parsalie $E_{\text {，}}$ soil，tilth，and calture Ferred tonsiderably．On strong soils the first dificulty wes to meoure a plant，and in soveral instances the drought of the past summer rendered this impossible：but in of the pastance where a ful？plant wres secured the yield res satisfactory＇considering the soason，and in corr parison with other green crops．
＂Fifleen or 20 tons an aere，at IBe．or Il．par ton，can hardly be called nu unprofitable green crop．In ord＇nery sensopg，however this retnrn may rendily be ord nary seasons，however，this resnin may readiy be doubled．The sugar matera do now harge rook They prefor an gvarage of 3 lb ．each．The farmers at first shook their heads at those light weights．Arcus－ tomed to grow mongter Mangela，Farfing trom 12 ib．to 30 lb ．oach，they thonght that sueh small roots mast mean light crops．The experyence of this yesr has exploded this falacy，Mr．HAWRLNS Mrots do not
average $\mathrm{I} \frac{1}{2} \mathrm{lb}$ eaoh．Had thas reached Mr．DuNcan＇s
 standard，hin raturns wrould have exoeeded is tons par
eore，I believe that shis is quite within the ramo of hiberal farming and akilful enltivstion．

Mr．CaIRD says that this is not work to be entered on by a nonice．Most true as regards the gugar manu－ facturer，but not in regard to tho Beet grower．Any one who cad Rrow Tumips or Mangels cati grow Sugar－ Beet．Of course the best farmors will grow it best but it is just as easy to grow as common Magels．It geems to do best planted thickly－say， 15 mohes by 0 inches on the flat，and earthed up to the leaver early in the sutamn．
＂Host of the Lavenhaw orops were grown on Whent stubble．Thes were broken up as snon as passible，nud dressed with from 12 to 18 londs of farmyurd manure In addrtion to this，soveral of the fields had a dressing of from 3 to $\overline{5}$ owt，of gaano，superphosphate of hime，or nitrate of soda，The seeds were trostiy sown in April although some were not jot in until nesry the ead of June An mapression seems to prepall that the Sugar－ Beat is an axhasiting crop The farmers thank that all ita extriswetness it dram up out of the earth． This is，fiowever a mistake．Niearly the whole of the sugar is colledted from the ary，from ite inexhanatible storehouse of carbon．
＂The stock lose bot little by the growth of Sugar－ Beet The sumar maker expela the water，collects the sugar，and returns the feeding substances of the Beet to the farmer，at something like a drawbsok of ls Br．E on on the original price of the Boet．Sugar－Beet pulp s．andeed，sold for 12s per ton，bat ag it takes about 8 tons of Beet to make one of pulp，the ectual price to ithe farmer is ls． 68

A writer th the Tyene leat year opposed sugar growing，on tho ground that every hundredweight of Whent would displace a fat bullock or a quarter of recenved from the sugar maker would ensbla the farmer to buy and feed more stock，and grow more corn than ofore－that in fine，the three mdustries of corn，beef， and sugar－growithg wonld work in harmony to develop the weslth and increase the food of the nation
We add one word more on the sort of Beot－－ red，green，or white Sylesisn－which should be chosen for culturation．Chemical analyss will determine which hats in genotal the maximum percontage of augar．But apart from thet，and presaming the white Silesian ie at least as rich in aacharine matter as the other tro，Mr．Fisin considers that it is likely to yield the largeot return．

He grew rows of three sorts， 17 yarde long last season，side by exde．They sutfered muah from drought，and had no oxtran are in any Wry．On Feighing the roote，he formil the
groen wighot of th, the whitn Natatita 98 It and the rom? $\quad$ p andt. Tha sumber
 late the mod if iath wit ratid inj itw it





 Traighed alike, $93!\mathrm{b}$. tho topo ol th 5 ! I , 1 lt
 out the tops, thding thoee, it woulul mako nbout 28 tons per ecre. But, from the resialts of thit
 whitas.lempan Ite tep 29 fa 131 on bulk to the green; the root woigh at with if tenter, and at

 robuvt thati the rul Win feal mot rafer at ans



 ascantapt if growni the crop on the Hat, wo




Continent, partuculatly in those countries frow Which out stipplies areobtazned.




 uther phats if the Contingot. Mr. Wat wern, the Somotury uf the Eiomo Cattle Delonce Assocation, in a letter tos tho Torsos on Monllyy last, remarks opon the prevalozice of the sheep-pex England, and ruggegta that the rovocatisn of tho profectas order, uridne auch cireums

 this imagimed justific it! in of than metron whirh
 imporind into Houdon thas 7 (nm) as conisared with 23010 ) $n$ the corresponding fortnight of last year. Taking these figures as correct, they prove nothing, ns tho question of arerago importation tioek or forthight in aro year atrompared wirh tho gasmo jersent in miothie There is to doribt: thit in gencral the inpertation of forespo
 revtrafted muponent Mr. W. F. Fosicer, in answer to a question in tho House on Monday night, referrod to a dr fierency of betweon 70,000 and 31,1000
Importery and salesmen hare made the most of this defetency an therr representations to the Gosemment, and thenr perseraranco has been
rewarded by the obtaisment of the concossion Which tony haye so pergistently domanded. nlready lolg list in fusour of pormaneat logata tiun upon the khole subject of cattlo traflic, atid the fnal nbandonment wif tho elustic aystum of
law naking, wheh, howeyer coutonont in sorne reapecta, has the dssentially serious drawback of perpotinal uncertanty attached to it. Respecting comatry, wr entertann no very grapo apprebension Farmers tray tisio marage, as thenr gelity diperily siry mitich ugan theys-
 danger is at oneo soduced to $a$ mammum The only fear is that some exterpisint specuiators may buy odd lots of forergu sheop at a low price, and perchance, in their 2sal to dispose of them to the best adrantage, do a rast amount of mischief unwittingly This thing has happened in our experience more than once, and it therefore behoves flock-owners to keep i, sharp look-out for the preseat.

AT Mark Lene on Monday and throughout the Week the corn trade has been a hand-to-mouth busiDeas, but prices hare not bear lowored. The ondy







 aliall be taken $t$ " "pilices" zear the popat of disensbarhatan, and mot relliuFed then e alise ard in tho mennt the they uhall be sept aeparate from all othor anmand The Prisy ( nancil it to hate potare to next taree 3 pars-by t longer, alan to exemapt from, the कyprijed enuntrica. Morenser, anthing in tho Act is to interfare with the powers of tha Privy Cuunc. 1 to make reguations for sulfect.ng finempanimals to quarentise fond for all wink aminits quaratine in be remosed alver begnat tha tmit af the ra thenal to propi in the "plases" for treets ng selling

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- The deare of the (chumber of Agreutare for



 at anowlefracha a Commasatis, doclared that to it



 romntry. If urked tho tris ust io of placing a! tho
 apenses should bo made from Imperal forda The effect of a Cimmisiten, the expected, wonlid
 that $t$ was by in mears a merely agricultural questrm, but one alerting tomn and cotietry alike.
 pery reasors to tho sativied of tal the fesmite of tue cif rlis of our Cian mers of Agriculture to brinz their nffuence to bear on tho Government, for Mr GLaDso expressly because that would a Comparssinnt, d.d bhelviny the question for jinlf-s-dozen yeare, wien of they felt that ithe question stooll early nin the fist for sethemerth, and es sinam as the Irsish Chireh questron Fas sotuled it wrould bo one of tae first duties of the Government to deal mith it
-- In ctiesp re, nh ch, durang the masages of the cattie plagute, sat red mere grievongly than any othip for 30 years, $h$ balance the losses which were then casised by the 'stamping out " procese, sanctioned by Parlanment. The papulation of Cheshtre tarnugh lame representat ves in Parliment and thenr looal authorities, on Wednegday brought the mather before the CHivi LLurg of the Fxcesegers, mith the view of oblann.ng some Yeltef Mr. Ifows admitted the hariship of the case, and it wes intimenbed that the Priag Ministze ahould be oomsoled

The Horme Cattle Defence Association unebimourly passed the following retolutions at a specia meatiog held on Monday Last:-
 order to procent the introduction of thenviv

 excoppt from that dtreero, noterithutandigg Its prepalenep in thoen eount rfes iponthe Conthinth of Europes from wheu co our whin sipplies ary drawn, stod the inchurging uchmber of of beep quantty tronkht wreat in tho corrveponding ted with the




- On Mondyy cren yy, before the Sorial Science Association, Mr li IIolicivo reatd a biaper concesing

 grounds the anvention of the waler-ctoset and ta modern systems of tomn semetara. Mr. Chateme sid Mr Ramlisson protested that any lose men bead than that orgenio filth, the orgis of all kinde a disease, should be ratsined in the neighbourhood of atabitations, ins 10 the old dars of the cesuppol it used to be, Io wash the bouse and tome completely out

 currepee - - we lin] the fo oning very nem to

1rem sta raf Rertilion ef Jiturart then

The returns given to our contemporarb, alks ie to represent the fact and of the crop, may be Mile to represent the fact; and its must be adimitiod lit are thuz are lint proved to havo been wonderfuls evante Only is the casa of the Pea crops is there any cmarinn Ablo diference between the two sef" of repliak threslung of the crop havin,
worse tlian was anticipated.

## OLRLIFKSTOCK

We havo just rems sed a cops of $\mathrm{Wr}_{\mathrm{r}}$ Chaisert site antalogue Tho andol according in yh Thornton's advert, =ement, will take place on lisw
 (rom Ayleaby, Parnley, and Babrahama sfoek for to be aight years. Most of the animals ato by Bgan
 tuil. All these animals wero bred by Mr 1 Buct
 These may be divised suto gromps accorlo Pow
 well-known family dowendid frum the lon ir $i$
 in cale 10 sot fraicio a sert perfect, leve ams hat zed buil be Rotal Soveritge dir Cialnap aloo offer four le firs, the effreme of $Z$ the 4 Foen the buls abore-neestrencd two of thipesi Pry poms and deep in marease,
lint 2) is the anmestre-s of a punucrous: froseat cote rising five heifers an I cows and forr tul's other has brad ly Mr Torr of Atpolay
 are find that $\overline{3}$ o lage Ressin in a represental sed te "Wharmate" fam lya wi, chl has pea calves, four of whirm-Eritest 3frat ar are it present ist K nrifort. Borets $A$. lroking animal, now seven senm fod, thareo excellant heifers. Perlaps to hest con 18 t
 trulg grabd in appermace, rit splendidtr hared. Thers cow was bred bs $3[\mathrm{f} f \mathrm{H}$ Fawkes, of Firnileg Hali, nad is descended irom no or Fister to Isabelle, the nocestress of Mr Bookn! known family of that name. Ler daughter, Bopmet

## 


$=$ - odd a ver Duse fuit où This buil:iv

$\rightarrow 2=1, \ldots+1$$\because 1 . . . \operatorname{cin}_{10}^{\ln 1 \cdot 11}$

1. $\therefore$ remember my ment ant
pidurue of sire and dam - ised. and rives moll thoproces.
> $\because$ -



 both it Ravenstone and Hf . 1 pacuasing shcep. They havo vuririwelysh orras from tho former flock, at hrgh| $\square$ |
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his does not become gencfal i. I: cier
To in hing for a sptr i hrinul f to

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$\cdot$
 interested in the experiment that there ia nothing in imberted Belgium and the north of France. Mr. Dunean has Erowth of 1868 , for which he has paid at the rate of ens. a ton. He has enterad jato ongatoment to pay the
enage price ihis year, and with a favourable geason $\because 1$


 Whatier that may kave favourably or otherwion influenced the yieid of surar has yet to be seen. I

 thorough businees knomledge of the nugar mazket, is





 and in cortatit cases the resulto would seem to be much



 a Fas the best of all the roote you sent me. L'he li゙きrr $\cdots$ in ront from the sanse farm condained not idif
 may wall bo rasked, what are they dojog with Landion motropolis it has been carried to carkain outfills



## 







 of our present suphly of mige, would atinl omb ond

 1-:

 Society, I am pleased this approval, as given by $3 . \mathrm{G}_{+1}$ comes from Scotland, the country, in Which an an are in favour of my riewn and also how midaly
 generally looked upon and accepted by practical men as a matter of course. So much is this the case, that
many of the best breeders of both theap and catile-by

 meatings, These mos know tonk their locke and properly refuse to submit speoimens of either ons or properly ref the the samoy or fashuonable " judges who
 1 , to mention the names of dlock $\vdots 1!\quad!$ of these viens, but I may, say,





 H, t.

 praclice, therefore, partalces more of the charscter of




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 his would be suatable with the beand, peo, tura, op

touch，and oily on the apit or in the bouler．Some flocks or herds which have not degonorated，or as and ingtruction from father to pon scientific knowledge of these matiers not－ariay a mote

 receinnk instruction from the ehemist to constantly society on the way in whuts these particular kiads of foods will form bane，muscle，or fat，or all three，erther in due proportion or in a predom nating degree． data mas bo fn the Johorators，or wihen applied to particular animals，general reanits wil not be the othermise servisadsle Berlat re or lorksalsaty，and
 only bo suitable for prerentini an in－and－in bred lard wheas it was berng roasted，boiled，of frum．Tho
 antmale of an intermedinte qualily also to＂pura＂bred cathe，and the ordinary cattle which farmers keop for All
At All this，howover，proves that the real philnsopliera in shimal and remetable phsstology，or agricultural chemistas they aro oommonly lermed，are quite more is，at tho gaine time，proved，\％iz．，that however trustworthy tho philosophy of the laborator；mag be， much ruast necessaril；be left to the sk．ll and judgraent of practica men when thas hape mastered this simple
elenientary knowledge．More than thiseren is proved It is shown in theory，as it is kitown by many practics men，that the fine touch which firstemasy prackics think indispensibla may bo dereloped in antmals Which are unkindiy＂handlern＇when thes are takagg their chnnme as growers，antl that the Gnest or＂purest＂
bred anmands may bo xurpassed？by a mane comanon or
 Ekilled feeder，and the olherr bo not．These vıews tusper，We think，＂S．G＇s＂question－＂May it Society aball nof in every caso become imperatite？ Shot d may bo permitted to ghe the daret resuly，I pratical knowled⿲e of juger，ilan to enforcang thas or Eay cther similar rula．
A Hord or two more on fashinmable or＂pare＂ fallea to in the estimation of men who liave to look langely or partly to thes finck for thear reat or balnace at their bapker＇s．If wo refer，too，to the proze takers of 20 years 日go，we can learn bow fow there ere of thers
 termination Where are A ＇s，or B, ＇s，or C ＇s bulle，
mame，or boars？Rutit we noed not ask any more of these momnuon $q$ restions．
Lookins to the above dath，hawofer，for our general answer，I may say theso fashionable animals could not be made to prove any one of the conditions embo－ dred in the rules latd down by modera astentific men and anmal nbysiologsists．The young of the roimals in question had become so dexenerated that when born tnoy wero only haif the syize and weight of other thore Iatursl treatment．Aud，althounh no expensa Fhaterer wit epired in mourishing ther cebintated Frames and constitutions ilmy wonld not grow to the same saze，Wexkt，and specifi？walne that otbers of the same genus would dy when only farly mursed and fed． tho difforence in the cost of Whach monld vary from j to 10 to L．Whide the＂pure＂or＂Sashonable＂or in－and－m bredanmals had a maxture of variaus cereals， linseed and rteatped chat，dusted too perhaps with a condiment ${ }^{\text {a }}$ an addition to the choicest rootsand greer crops of the farm，they would 的dem exceed the common glature and frame of their gacus and tribe but the ammals which have not had their nature weakened but pogsessed tho vigour of their sacestors in their constitution，would＂shoot outand grow＂in response to a littlo extra attention as regards shelter and food and produce double the menght of mest 10 half the time at the above less rate of cost．In the one case，too，the nitrogenous，or lenn or muscle－forming stitstisnce would asve been both direated and assimilated and the result woul 1 have been a full dereropment of eqteble on ］nutrit ous ment 13 in deveropment of extepl elements woud eitlier not have told at alk or cracted
 thr elfect of a degnemerated nature makamg ans eljort to t．Ise that whech shonld have bean to it the most feeding ${ }^{7}$ of foode．We need not gey which kind of ammal woald have been growang and thriving urder this trentment，antl whech would have been out of sorts and unprofitable．
These data and the argaments I have based on
 mpidly comang up to tie speakingend writing point in regsrd to thas most amportsint subject alth point in have only the frcedom of digargonect，Altoough me us not git udly by and of cusciasion to rely upon，le rate in the next few years，from errors of selds degene pampertne，in the years，from errors of selection and usmpertig，in the same way as the noble and once meznory of the present generakion，$W, W, G$ ．

## agriculitural statistics， 1968.

［We continue the publication of the oflional returas］



## Zame correspoñente．

8tonm coltivation．－Luke the peneral pubbic，I have has been excited under a mistaken umpression of per－ Wongonaed to yay suy attontion to what Mr Smith，of sonal inisatice，ho wila mistaken mapression of per even boyond humeelf in ssrarting that a delibarste Club at birming，zonde before the Mhuland Farmers＇ compelled to break silence．is not fouded in fact，I feel concetted man will relerto．If thss ally，eqotistical
 subsoiling 1 grated that 1 had uned for ridgenp and implement tas moreorer，bo will fand that to this mplerment mas a Farled a lit prize at tho Nemerstle
meetirg of the Royal A of he Fill take Royal Agracultural Sogialy．Agan Pike，ha wall and that Mr．Pike dopen nothbour，Mr pertaps never will forget，Wailigg over some fillows when coursing with me broken up with thss very implement，f mow advice Fould be thrown very upon Mr．Smith，but I submit that the respeotabiley iuto ita columps snoh m libul as Mr Smith peaned lat Foak，Jamer Foward，Brifamma Iromesortr Bed lat
 men，mast，$n o$ doutbi，plead guilty to the possesulon of a quick，impuisive temper ；and if，in this instance，ss
words．The compliraentary andjectiver whe for hasty Howard bas clustered araung anjectives which Mr bver，vers lkely to molify sn oppotsent ift，how bave reacted others quate as trueanad much les could equggravate a dispute．Let ess add，that if ars in kely epotist．cal，if is a great mistake；for weshall almitit is cippy to tuke up the oudgels for him．Wasrora be at unj time to defend the opinion thet thesre is mot now among ns any man who has dene so mach as he for the promotion of the leading engriontara mprovements of the presont ceatury igncultural all upon the list－mamusarturers，nventons Add up Who have had any hand in the prom，fermers et the head of it．No this country，he stands clearly at the head of it．No one has do
lesu encourazement and pay．ED．
the priot mandagemand of the ewe form deponds upon if tif hat been property of the ewe flock for which no great danger need be appreherded fo the wiater， apers colds，\＆ce They canuot be kont too giotion， and they must bo regulariy fed；not profusely，but
just to much di whly
dution Thare is as mucl dander
wel，qs in permitimp thom to ing，nor onght they thead to khnn iminedrately prior to the hare a
Is necessery，jt ought to he mo
tolorably aticcessfal in the
ing flook，They sere thitar masiant
pastures，and ras thary beronter sraz－1 la required by their cond t on bary a Mangels，nt lirxt rety inn，thery in and this is meroased vradually

## hring to keep them cronke is mos

When their＂tones nre to＂them and rather large，contijuous，well shey are corner of oue fisld are two lamter wharh thoy are brought at 피ght lor frimy them in thesor，apold as mand
 food，but ac they layat thes chaf ato pastures，beung stalusupr redt ts， In the paddocks and the
fial slielters，warat and
landare aken wion dessimble inlo whon good lambing sensoins．J lat a word or th at layd，a pisal of pith a crook a bot nutre，a smail hook，madart an，
 hudanum，is thblespoonful for the ew hom lawour，the gin to moisten the lamb，the groed nitre for a tore then hook and lard for rare us at trouble the ewa till raquatite
0 et Nature take its coturac
Hom Barley Barley for Beer rom Barley tins orjginallsproposed by x of noar 15 eovi，Fho pulilished 1821 Nhe estitera，on Lhal 182，．The writer wisa then genr and st conversation whth Mr．Hem and at his request one of them rawind 3 bushels of bruiged ando a fer dsp． malt． 13 y Mr Hamed Harley and I bu mat．By Mr Hzm a adicice thie mate oommonly applied all matre of nat the brewing was condugted on thivi writer wal remembers that unital swreetnexs whteh there and if was about the ilawo
 informed that the trial has not beon wivert was expeoted of it E．Nest

## 

 Farmer， 1 ou do not mention an＂Eve Farms；by Whinam Mlackie，Eas DubCurry，Jtan．\＆Co．Sack ille Street． reoommend tios as bolter than ans I hare mot very good parmjhlet April $1 s$ not tog late Thi 3 o but＂on very lieary and low cond．tion advigo Potatos．I would，with wil subuis．$x$ advise Oats，is Potatos on my yeary poor proper state for a frond crop witl out a poos das． and pulverising，eithar by means of the Oats；but why iloes your carrespondeat plow of lís Turnip orop is plough and som as soon as eacin part in rest in
 of earth closets，or only siace plato，sumple practicnl
 for distafecting quate ats rell is ulrn saves time，nud remunerales ns：
closeta are no new thang you will zee frot s． I greg from a paper of mine，Fintted is out and in poneath the seat．A bax of Lif cach been used a senopful of the earth box．which prerents any＊seath from tacomfited gereral people mLo were Houle＇s thosets by teling trem that
Mr Meqhi' Eeply

## sut to lama but

of demonimang all as ant quated
I ow in tie wake of troan a dintar
Mechi charges me mith heros wr tr blackan his ngrienltural olaructer that in no hoathle ppirits tenaze and immediate ansire
of the winthreahod corm
puest．ons，whath natursily w se
were I to by mo in no loastıle spirt，h ariculturnl profession，to pecarta balanet－sheet，by whoss agenoy Writfen dowe，and the figuros
rom example or
rom farm＂for lask yesr（ state that these entries tre and
$\therefore$ arrn = otura Ment or Janurus.156G, to the zod the sme year, ele on of a peilar who Fwls, is now to \& balipany wivat the Mulo for Mr He Hechi to have known


##  But hat the mainanoc-sheet












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 Elthe lond:-sgonts a0 1 saluer in Enollond
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 \#hich that hasin himself, for oxample

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$\rightarrow$ нinthing of waste and farmers ao situate
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$\rightarrow$ inot retr -1 e movements int

 ut to $t$.


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did by many peopla. Br r Meobu further
that when I Lerok to thy farm, to With To To
done m; but 1 found the
distance to Tiptree from that town three or four tumes greater than I had been ted to belleve it mas. and $=$. 1 . $n=1$ evenins, 1 had uo aiteruative bub to move on as fast an could. In conclusion, It inorm hostile one ; but I write these letters becanse it 18 my conviotion that his papers and figures are much mpedink spricultural proaress and greatiy misieada: knowu land-agent to make the valuations for him, or

 An Hhey have had no protioo. T. R,S S
Au Enay oin Pormanent Pasturs. -About 1 , so me 4. William West, who then occuped tho smbil

 Agriculsure, whull was ander Woverament


 A my 1.....". $\ldots$ temant mho succecded my $\because 4=$ itn in in 1817, that "that field was ten crate bit inot pasture last in the parrish." uato tever suct tuat esay, but as my rebee mas an

 mane Y
 xtwe at ax tila 1, th lithe. Ihatord was much inverestod as prestient, Lor : © $n=25$ rico- air mana nad Sir John Lincoln as secratary, of the the of Agriculture; the inference is, that to be kntisflastory o them that exssy must have desuribed its subject well and might be evallable in the present im proved ointa of agricuitura 1 go borrol Agricul


 ender: al $\qquad$


 o. . natandes of resolute man, with good sense, and fair uealing, having carried out the nimprovo

wal wher
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$\because$,
years to the lodgers in whe 1
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 olse then the oprmon and almost paiversal gurm in all their maney dealing witryne to 0 t the mat they can for thermalves, Fithout any asper for hodety dighonesty. In the part of the country that I know best on eny estates thet wi mauager in abosineas than there in there is no more dumetaly in tho mand thath there in it England, axpept that, is the fomat , foorer, come small money ooncoasion is unavaid
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 4 wances for a low manner of loving. In trnth, the


 land into their own hamds I $h_{1}$. I in en farme by In the 800 aores montioned slow", and continue to do mo alrom to lot than at what monld be comaderod a mode
 bours. I am convinced duF aprin hadlord soxi Tenant leandords to farm their own land. The truth it, tha $\rightarrow$ muron Irish tenact farum so bady that say one nis knows bis business and the country oun mate axw prôtit on his phoos. An Irish Landlord
Bemaga Farming Prosprora. - 11 a rinar! w Mr Hope's question in the second pars: . . . . was rewt eller on semage Prospectes, $r$ s' $r$ e $w$ thy uns oxparienco-waicu ing subuits in nu postscri,t nnswered it under "Calendhr of Operationse' on
 $1018 t 3-$ to this I mas add lat or toce farin


 ay oma farm l had a small paddook for of the farmhouse and a dozen cottoge economical plan of utay hising th
 tur. I bad no fermer than tive offers of farmes os
 Irrigation, zad to one ó them (al large diviry farm) the gewage of a pillige belonged I might po or quoting other examples I examoned of farms in the hands of ceaspts and landowners - in some of them the serize of tha farm and of villages be bx zyphated
 r. practico is old. Mint. Hope, will had very few counties, if one, between the Lapd's Ead and John $0^{\circ}$ Groati where somage urable farming has not been praotued. "h rem of produre, I have grown Ireland and if Mr Flope will cousulut Stophens "Roolk of the firn," he will see that othen have grown 60 tons in the
laul 4 unces and brither Mona



 $n$ 1ah I roferred whs an experimental plos in imitation


 taken chrefly from the house 践形, there be sam-m
 orops zrown Were Curbips, Mingele, Cabboges, ind
Co-0yerative Trature

 "pan the sulyeet of the South Lincolgalary Farmots




 aupplad by Mr. Doy nber is I mippows, what
 solubla phosphate.

 ato to uscmin a much lower quality of suparphor





 I-nice Ms. Lusurugave the mame and addrem i. tur it rian of the company reforred to. Tho ar retary of the West Eerts Co-0perntive Society in Mr BTOWD, of letiog
 cading the ourresponaeaco between Mr. Wee the cinm," and Mra Begmell, "the ampulair" " wnit sm simawhat amused et the manner in whicht. A liter fogt letter. The ohange ja gradual he begios logictily, ghould rether gay, goitefully. I should like to know from what \&enerous corner of has hart his posterip e+namalal Can it ho protin itat Mr, B, has an mo
 - Jers Mr Mich. twil Frsitior than thone of a man , , whe sion


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## Foreign Correnpondence.

























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In the jear 1 ge: a mand atricultural prizo whe






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## Societies.

Hith AND Wisw ormatand.
Fre 93 - At a meeting sit the Crun in this Sevety, at Yeoril, it Fas reported that the Journal is in
 aritl.ern Combt os tasom iation recer tir amalkamaled

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## WEyT \& CNMHRI IVt









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Mut rawlera of the apparfert regort given mome


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## Farm Memoranda.



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Gur дushoth keep twarabiy well supplied with beet A tivers. use of purr bamed foodta har increased tho
 was kought pomble W:rt of this has been done













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Warchotise and Offices，where stock is kept for the Bupply of the Eughath Trade，
5，TAVISTOCK ROW，COVENT GARDEN，W．C． （Late of 85，Bopthampton Row．）
FITOLBSALE CATATOGUS ON $\angle P P L T C A T O N$.

## 4 HOLLOWLNG SPECLAIITIES SUPPLLED AT THS CATALOGUE PRIOE，

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YAISAM SRED，drett doable wivere



ORVAMENTAL GRASFES
AUHTROMICAL PLAST 4 REDS




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host extilincion varletion．


[^15]DOWNIF，Nem Golden Colens．




## Beatiful New Colous．





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DOWXIF，I，New Golden Coleus，









 TRIVUTR $i$


Hew Beedf for the Garden and Farm， 1869 crovoen 1,1 Hili IELKSON＇

 Spring risme ng，giladiolus for thitive yoyes，in fola，an




Hardy Scarlet，White Fuce，Rose，Salmon，
Hardy Scariet，White puce，Rose，8amon，


W．II．RUGERS，Hed Lodge Nursery，Southampton，




## 網敦

DOBSONS PRIZE And CELEBRATED FLOWER
 for mollog and gramlat． DO Hotion in six forrs







Suttons＇Home－grown seeda
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 No．B Collecthan，for amall do
FOR THE FLOM Fi，GA GADRA＋© 7


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 To the Trade and Otherg．
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EITGREX OARDBN ERRD界
















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 GTUART MATLIONAL!Jantr CO ${ }^{+} \mathrm{S}$ हenled rollictions



[ E W S \$prigg Fiawers.
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 romathti-J is harsuly treasod wich.



# ARTHUR HENDERSON \& CO.S FLOWER SEED NOVELTES FOR 1869. 





Agrostemma ccoli rosea, dwarf-fringod Lilace. A pory bean fil nowoley it profoces lanke, compact braher


Agrostemma, dwarf-fringed Rose.
Fory prety bardy annukl, showy, and keoping in flower a logis

## Amaranthus bicolor ruber.






## Amaranthus speciosus aureus

 asem golden prlvees pratieri.



## Arabis arenora.

Thas is one of the Ancit spring dowens thn renso of hith belag io




## Aster Bonqust Perfection (schill Aster).





## Asperula szurea setose.

Handy annual, most protuse blonjing it if or a doure hable



## Oheiranthus Chairi albus plenus.

White flowered double Whl llowor, very slefking and benut, fills, if
 Datura fastuoss Kuberiang. Mow matietcent in: sed.
 In oolourt mond male sod yollow tiont ned euphr They aro

## Delphinimin formosum colestinum.


Dianthue barbatus nigricans




## Heartsease or Pangy.

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## Eexpolerm eminens.





 flora albe marginete.

Ipomcea hederacea grandiflora albe piota carminea,


Ipomoes hedersces albs grandiflora
Ipomea hederacea grandifiora alba picta liluacea.
With wive manted leren, toarthapod, targely marbed with Ipomosa hederacen grandiflora atrocarminea intus albs.


Marigold, Dwarf Freach Now Golde
 cimulus repens.





## Hodiola gereniondes.





## Nierembergia frutercens.



## Oxalis valdiviena.




## Palavi flexuoba.






Perdila nankinensis folus varugata


## Polafoxia Hookerians


Portulaca grandflora flore-pleno
DULBLE PuKTCLAC



## Potentill:



## Pyrethrum (Golden Feather)

 Wrad fran
recuon

Solanum capsicastrum Henderori



Stock, Anderson's Rose Intermedute
 or pation ho st.
Trecsonis Van Volxem.


Trachelium cariescens, flesh-colouth
pilac-colourad fons
Two prote now matide of

## Viola lutea.





Viscaria oculata, Dwar! Perfectice




PINE APPLE PLAOE, MAIDA VALE, LONDON, W

## KNAP HILL NURSERY，WOKING，SURREY，

## ANTHONY WATERER

hekis to subuct THA

## RHOWING LIST to the NOTICE of INTENDING PLANTERS．

GYBETTHING IS W\＆LL GROWN AND FINELY BOOTED，

In proof of whin be inter the date of thear last retarsut，

##  $x+\Delta r_{1}$

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 ETS S15 prot 100














THE FOLLOWING ORNAMENTAL TREES，OF LAARGE SIZE，
Are wull grown and well rootect，and ntouts

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日BECH，Pustilen to ló foot bigh．
DECLDUOHA CYPRESS， 8 to tiv fout．
MURWAY MAPLES，E to ts fat．
LOYGARDY POPLARS3， 10 to 12 feot．

ASH，Gold barked，Flowerlag，end othtr vartettos ，bige stemdarde LIMES， 10 to 12 foet


## A PRICED AND DESCRIPTIVE CATALOGUE

Fill be forwarded on applacation．
Purehasenh are respectfully invited to inspect the Planto growing in the Nursery．
未o Catalogue can adequitely represent buch a Stock．
in from Waterloo to Wokı
all times be depended on．
The ka．wayy nsat take Goods at throtegh rates to alinast ony Statom，there doutp sway witi the sxponst of youkago．


PINAS and VINES．－PINES，very fine， In all arase from a tool thith never had male fives


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C Taradite State


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TESsiss Jotrong vinea from Eyel


 Madresteld Court Black Muscat Vine．有 © ©










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$\mathrm{R}^{\mathrm{r}}$
Maricet Cardeng，Biggles wade．Bede，－CLOVE

 GLANT ASPARAGUS， 3 －gr oln，an，per
Walton Nurtery，Liverpool？





ICKGONS AND Plantige Boakin，Spromes，and



ABIFS PNTCGLASII－ $1 t$ to 2 fert，tos per $\overline{100}$ ，



ONE MLLILON FORESTETREEs，transplant $\bar{d}$ ，well






Plants for Hedges．
TWO HUNDRED THOT \＆IVII UMMON LHURELS， A MERIC LiN AlBBUR VIT E，eepecalls rempmedided



1．TBONY WATERER，KNAP HML NURSERY，WOKING，SORREY．

THE ADVANTAGES OF PROCURING NEW AND UNADULTERATED SEEDS DIREOT PROI THE GROWERS CANNOT BE OVERESTIMATED．



JAMES CARTER \＆CO．
ARE NOW TREIALEDTI
SUPPLY THEIR PRIZE STOCKS
0 F
FARM SEEDS
HARYESTES ON THEXR OWN SEED FARMS．


FOR LAWNS and CROQUET GROUNDS．
MLXTCRES oft FIYFムT FIMMANENT GRASSES，
 E．I．M．The Emperor of the French， 73．R．تi．The Crown Princers of Prubdis， The Paris Th－hibition， 1867.

Fineat（quality， 1 s per $1 \mathrm{~b}, 20 \mathrm{z}$ ，per busheil

 per acte（more or lowa）to nemavato．

FOR PGRMANENT PASTURES． GRAS§ES nnd CLOVERS，to produre a pernintent turf of the bet quality．As eupplied to The Jnited States Government． H．B．M．Defences，Hilses Lines，\＆e， For heavy soile，I For Mrdiua soils， Fur Ligird Solls．
Fuicst Quality， 285 ．to $32 s$ ．per utro． Sccond Quality，20s．to 28i．per acto．
 －
FOR THE MOST GENPRAL AND PRACTICAL IEINTS ON CULTVATION，SEE

## CARTER＇S ILLESTRATED FARMER＇S CALENDAR FOR 1869，



## BY突 GRASBE息。


Her Majenty ${ }^{\text {M }}$ Royal Ruvers Commisanon， The Metropolis and Birmagham Sewage Company，\＆c． －s on pur invil


Oheaper amplots bse to bu，Bd．per buahel．

## TER＇S GRABS SREMG

 FOR CRTCKET GROENDS，As st PrLied to
The Marylebone Cricket Club， 1889 ， The Grystal Palsoe Cricket Olub， 1869. ISts per busl el
 per nere to renovate．

CARTER＇S FINE CLOVERS，
Free from werds atud dirt BROAD－LELTED HED， PERENNIAL REL OF COW LEIE： WHITE DUTCE， ALSIRE HYBRD，
YELLOW TREFOL of 1 IO？
Lowest prise on arimixt，n．

PRIZE SWEDE SEED．
For list of the best varioties grown on Carter＂ Seal Farms，zee


PRIZE TURNIP \＆EMD．
For List of the best varictieg grown on Corker＂ Seel Farme，eee
＂Cabtek＇s farbele＇s calendar for 1869 ＂
$\qquad$
PRIZE MANGEL SEED．
For Inst of the bett rexiatien grown on Curtar＇s Beed Farms，beo
＂CAHTER＇S FARBLER＇S CALEXDAB for 1 S60．＂

Five por ners．diveount for adsh．

and CLOVElS，in such propportione oss han prial rotation may require．as suppied for
H．B．Majesty＇s Coast Defences，di．． For ONE TEAR＇S LAX，best quality，13．Ki，子 $=$
 For TWO YEARS＇LdY，lī Ged per acre．




## Che batmenergehnomite. <br> $A T C R D A Y$, AARCII 6, 1969.




IIF STIPTTUE

ELOW ER atu




In the discrasion which has taken place in out columps on the Abtetrhafion or Steels, we have ondeavournd, oes far us wo have benn conchrued, to hold the balanwas evenly as posabible. While wo have freety upened our columis to all comera, andi allowed holders of samous ihadere of opunion to fxl rens their viets, we have not besitntenl, Whale strongly condemanns the practhe of oufalteration, to point out suadry fillice an ! minenceptiony which tho Committen of tho lroyn Hi mementumal sinciets W" thatk two pable, nay, the kefed trud. 1twolf, are under great obligutions to tho mocrety for branging the nuater forward; beceuse, un It apprears to ria, the nembers of the trade itneit hape hatherto been an lattiongrema amoner
 that, though as madividuals thoy havo hail a ntrung desure to rud themselyed of what they
 iarring personal internsts, tra lo patomaic and the like, they hatpo never born able to agree on
a cumati coname of in tion Many of them, we ato aspared, wonldi lase gi ully co oprated wath thi vimply in its mi leatruums to the away With the es 1, had not the Soesely unimrtumately, by ats mether of procmure, atad specially hy making on tain tharges whuh winot be
mbatantinted, given, very unutentsonally mesy be, grave offonce. Howerer, with tha part of the case we have noth itg to do. forther that as it furnuher oue rentint for a matter that has been much enmonental ou the coticesice of the tinle linter the miputationa mave upon re commarchal moralio fe ax me
 thank the jarti ular aswenatiol. ith yuestion low luat a fice ofpartumity of whorilig that anemicin trons for the coromon betectit of the members aro reverse. We know that this quention of the adul-
toratuont on noods has at ritious times boen under tho culiculuratam of the Arouciatuat, and that proposals have been made to check the evils complaineduf, and they hayound fallun through. Wlay- Semply because it has been on armactstoon in natro rather than in fact. It bas

 tetbis they plopsed in parmeular cises. A common cuitse if artak. Lan berat resolval on, and then each mulividual motaber has dono what soemed to him best. As to the regulation of what amount of mimist ito to use a sukutb phenseshould take place, we believe we urs Mght in aty u.g no auch topic over came formally before the Association. Still, induectly, the regulation of prices involves the adulkeration quastion ; aud it is a mattar of profound regret that the Aseocistion should not have joined with the outsiders and tho provaticall H , sins, at, 1 thade a sugoroms effort years ago to wipe off this stain.
It will bo phaned frem what twa havo sand that warnoms mombere of the trade', in Iomion and in tho provinces, have from time to trme endenboured if imsontinue the practace. Some thers are tbat louilly protest their innocence, and deniare that they have never ben dofled with the touch af imnooral pitch. Others, moremodest, admit the faot ; and whle they writhe under the admisann, they ansist that they host nefre beti mbal exl to free thomselves from 1t, owiag to the lack of unity of perpoae among their follow simatra. One cannot rejeot what hir woul abhors, beoause his pocket won't let him-he can't atiord to be undersold by others; another won't take the beam out of has own bye thll he nean the mote taken out of his brother's; another won't stir in the matter for fiar of gisiog uthech. Buown will haye nothing to do with the concetn becarse it is mooted by Griers ; Jones coarns to make common couse with that follow lRomingon; Cheapside repulates the yokels, tho buhela

 not suffered to henl, lat it 19 yeur aftar year i. liborately kept opers.
 this plagnesapot. Parhament is to be intoked to elforco virtuc as collitat it the pratettomers of ensy mrtue. Wo rejoles to hear it. We know It is not poasible to make every one virtnous hy Aet of P'arlament, but it is prossible to restraum many frou doung ill; anl when, as in tho cuse,

 if that tri? is lanlen and in the 1 rou-
 the It, and of matulers, we may hope to reo tha juil carried. It is pirembetare to pive the detials of than meswire, as they are subject to amenduent and alteratsens, but the fect that it is promoterd by members of tho trado, of vanous
 tho nizccelsful wsilu of the whitme. Whe bave reman to bulere that the winh to be rul of the peet dog gentral amone the membors of the tride: we baplute thera to stuk ell petty dufirmices, all




 and all liners. The hatter bay dis then awn
 ontaner. phen the juth in planin befure thota, the $y$ must the the censergizetioce whinh dumarorl fisth and liss of homer ar neossamily entulu.
Ir has bean a vintter of great ustonishment to us that so little movement has been taken by the forsetors, surveyors, enu land ngents of this otatry ni the enhynet if the forverniment plans for the education of youths to serve the highat offices in the IxDis artarinemerith at pucat tht are of ay oxperimental character onlr, yit tany ham heen befone the
 recently that they amom to hasm attranterd mach attontion ol the part if $t$. Mnot converned.







 1n surreying, measuring, risad-uhesuls, und the like, es well ng the priaciple of Geology, 'hunastes, and Nableral Hastory', condot, to oms
 loent an well taught here as abroad ? The reply of the ollimele woild wa imakina, be this, the


 H14.e - T.. thoir profession open to students in this country In by boing through an apprenticeship, as it were, or with the forestors in charge of prive. $\quad$... tlemen's eatates. Their compotanoy to telech 18 m matter of chance. How different on the Confínet,






 and by anticipation, he has beon $\mathrm{m}_{\mathrm{t}}$ th twal te form B complete new arboricultural garden, ir Which arery spocias of tree or shrub that will Thew in it is to bo grown in its duferent stages. planth, to show them in their youns atato, and inthey, grow thate will also be old onea preseryod,

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 arboncultural atid britanical gurderas, no that in this work wo have what will in fature be recog.

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Why whiull we not in this connfry have a maniler arboritultural gardon? Why should we
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 at home.
In any case we are glad to learn that the
 theme a plan, the leading foatures of whech, an - we are told, are rery brular to thome montainict in tho letter sif (iur cistruap adoats, "W mollarala," P I H2 The 1 rincipal fotured of that jutise




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At prewent wed do not th nk the mepilwarn of the apmalal reyuinumental ripertiml of then whe the





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IA a elina! the finset regelsbien ere frad wed by the in comparison. It miarkt prinsher this tells well for the grperior
care and ekill bestowed on the oultwatioa of vegetablos care and ekill bestowed on the oultwation of vegetable
by gentlemen pardeners in Scolland over the same
clasa in the South of England where the reverse ig the
 tut th warjases in vegetable culture dution belong






 mow pardelis its the vorth tho flombint the ation anit to nothing about the nork, aod are fri, irnily icar.y as mul h troubln as they are wortli the ther half by farmey niev, who are ever an the move, ae lad slay lik twit jurs int ore plare, mis that
 ment places Nom take an example of angrge estahlishWorth..5 pres dee Me fortis riptithiani man ill the kitchen Rarden moti lixely has actell in the name capacity for years, to that were Mr $P^{\prime}$ to resign h . rharge, and anuther take in place, the work of rege-



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## CARL FRISDRICH PHILLIP FON THッ: (Conciuded from p. gize)

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 N Ith ref rement











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## Foreign Correspondence.


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## Notues of 1300 सs.

Dendrologia - Biuwe, Sfrîucher, und Halbsträuhan

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 ㄹ:. 1
 aro wnald be at leath at handy; bal we are boud un my that wo have bot atum ile $\mathrm{j}^{\prime}$ on eny ominion of any gonumely and undoubtedly truly hardy epeoiel it is right to add, that when Eooh includes tho
 of some place in sitid-Durope where he has seen them Hotro

 $-x=4$

 Tra wheh might grow upa worthy neighbour to There is mo meod of outs for overy speoies be al ithas chernotergtio figtres of the somare would be a. ithal worid be required.

## Ty

Notrs for March-Boes, in the Sontio of Davons


 and roluratial

 forger min hears litan es wpion ofery retarman



 ing freelg i now, many of the fruit trevn are htuwn












 In II i of ityo trat pml trie of bancy-thather.





 T

 Mr:4

 The bot tom-board as next chnaged in the Eame manner.
The removed board and cover is then well screped, and, if neoonary, scubbod wilh bouling witer; they are them bes on edgo to dry, and after a day or tron re ready to bo again substituted for foal hoerds of other stooke. As many haved may be operated on in one day as there may be at hand spare 'hand botids or ritere If

 a t cal tripection, the state of the atock sa fo popute is m, brood, supaly of sealed stores, oondation of combers and drymess of domb or otherwise, taking accurate
notes of all thest partiontars, as I figd it lifars me conIt the subsequeent nasuegement of the respect.vo hivet
I have now po straw hive, but when I hed, the bottom boards wero alwaya chenged in the spring. It is not, however, usually quite so mecessary in reapect to suoh hives, there being less condensation of mosture, and consegtently lese fouling of the battom bosrds. - 1 tame a change is airibyy adr sable, and whe ofectige it I need to ook for and cientroy any of the the lower hands of the thentimes taverel of theas would be found. The wesght of the convente of the hive masy be Acrertained by art ond menarement, or guessod by the hasd, sad food supplied if neoessary it is arso well on some five
 Wrapped up hefore oventog. S. Bevan Fox

## ckatom opecatons.

## PLINT HOU'sES.

 and many with require o lapger amount of pot-roomi. Autumn-atrauk outhags will ulvo need potting off into eigrgle pota. Choono nuall pote for this phrpose, and lot
tho soil bo eomposod of the following --To three parts the soil bo composod of the following -To three parts
of raok, frasblo yollow lomm edd two urtw is mit rately decsyed leat-mould, mud a good spritu
 washed river and $A$ good drumatao is of the 8 olrst importance, apon whioh consun phe eses of ye low (trry
 shifte, the last berraginto the bluolll ish pols. Thej delagh in a cool, humid atmosphere, and whe abundaice of
ligat and air can bo readily miven them Sprank-itruck cutings oiten, witl proper culture, furnish vers nea plants, which flower shortly after, and thus aiford donger continuity of bloom If really fine plants are fley should bo kopt as zear to tho glase is poasible. They are rather anbjed to greanolly, the atiocks of Fhichat muat be cotiriansiy guarded agalest by oama sionally fumigeting the atitucture as a preventive, \&a
 gated alrint th.
 bloe neat stakt, stulably for boomsog in say greenhouso duriag the whole of tae enitiag sumuer. Thus group of planta demghts in a composs formed of equal parts of anady loam and tibrous peat, well beaten up topether They should not be over-potted, as small sized pots are more induc ve of llower than larger ones, whíh tend to merase the arowth it tha expense of 1.10 bliom
 more freely by the , mafy be indured to plali formaru and bottem. 10 do theqe rwel lewere th of the arst maportance that a thoronghi good dranaze ghould ariat at their bave, and that the gares should be hapt perfectly elenn by sin occassoral tise of the sponge, and mhen activity of gromth is observahle, frepueut spraklings oreriead with the syringe shoult be geven As the dayd umrenie in lengtit alford gradual.y more and more hamidely to alt stores, and duriog maild periods endenvour, by abathang ap curly, to secare puch an amonat of oun-hent an will onable jou to dirpense with at least soms fow degreen of artifieral Wrrath. Mruch benofit whif accruo to the inmates generally of surit struoturea by a stect observance of these timplef foots. Be particular to allow a s all times, now that Camoltiar are expandine trooly, moh an amount of freth a,r as wil present any excessive monture which may collect during tho might

It will be rafe to allow a moderato adrance of heat in alacineries, the vines in which are im a moderately especially in bright 6 ands weather Ibo not, tiorefore sunct.an nny prrmeplebre nivariee by meank of frcerd
 ator the sums warinth as gi, mes. it fet carly up to a day, afis manduce the thermometer to
 heat permissible by artificial mbinss alone should not in by day succed bil or $855^{\circ}$ by bight, and froxd $69^{\circ}$ to $71^{\circ}$ by day Successional, and, indeel, all whek tho met weathor, sliculd bave sotne elfurts of sudten sunny placed over them for a short trme untit it of abyding they are eble to withatand jtir of ento in it 18 nurmised an that more good is likely to woorve than thanker regard to Figs, byoul by every powithle means In atmogphence oxtromes. Do not permit any to sulfor crough and un-consulered supply is en and yet a
 upot sing, so much the more moisture may bethic upon any which aro ghowing frut prominemily so soon a3 they are two, thieo, or four joints in length, and, indeed, mooer if ill-placed and they are not needed
$F_{\text {French }}$ Beand which are oompang into fowrer should French Beand when are oumpag into forrer should good souajng Fith strong liqutd-mature. Atord the sand to ald Stranberries, and remove from them aijo
wny runners which may push from flie base of tho
crowng Peach and any ruaners which may push from the base of the swelling may now be shut up olose eas ly in the after-
acors
 exterasl weainer permits, insurea nice fresh minumum external wepther permits,

HSBDY FLOWER GARDEN AND FRAMES.
Continue the necessary pothing-at of ell Bedding aruff which is suffiomently advanced, and for which for this purpose whl wow want erpectal atten tion in this Tree Ther zuclude surn plants as Lobelias, Calceolnins, ledd.ng Pelarginiums, Violac,

Aucumatraruek cuttinks of Centa sreas, I do not adivise should be now potted, ns in hate always found cutting pots, inmedtately into therr permanent summer quirtars, than when protted off and codded up an pits denitably turned nat into the open harder after the middle of Aprit, with the merest show of root; whilst all tio coaxine posssble tends only to decrease its

 flowerg aro va,tud, so rery prominently have their otherwise attend to pazned upon overy poasible opportunity, as it is only by an effivinat syatem orrolling, \&a, at this the silvent of the active-prommg season, that a good sward is to bo inglured darimg the in-coming sumaner. Proobed with all necessary pruning opern-
tiang in connection with plessurb-groumds and shrubberies, In anticipstion of fiture sevare winters of of afording enonuragament to all to all the desirability of everkreang, at the expense of the more tender ones. Tlin, nf coursa, I would sugrest in rezard to the component parts of nay welk-jormed shruvtsery, or other arreen formed of these plants. For nastance Hollios Laurels, ind mardy than eithar Common or Portugal Laurel s, ind perhaps more so than most other forms of
overgreon. At least our orperience hare (Herts) yery forcibly allustrates the faot. HARDY FRDTT GARDEN.
The process of Orafting any new or improved variety of Plum, Cherry, Pear, or Apple, upon any old tree or procgeded with. The process commonly known as (whip-grafting" is doubtless the aimplest and best for the amateur to follow. Rather old treas may hiom very readily. Firaty of aill lop or sar the branohes meatly of down to the required hoight. Now cut a slip or slica of the tpper side of these neatly pared limbs, malking the wound as smooth as joassible, and about three suchas in sength, but not more. Thiq dons, procuro the " scien" or portion to ounterpart of the and upor it mako a cut as exactly a aro this made to fit nicely both in regard to length and firsla of the wound, in cleft must be made 1a eaoh in such a manner that they wils fit into oach other, the tongue-like aleft of one holding within ita grasp that of the other. An essantial partioular remains to be together takes place it is of the ting of thess two that at least one side of this bark upor each should meet, and be fitted as closely na if they were actunls growng, thus the rinds of each become mined magethent, without which it is not possible that any ner exesed 4 inches in longth, A good sdresive olay woll beaten up tngcther, and so thoroughly softened as to adhere slosely around the juncture, should then be adikoly to remain unoranked and to last throaghoat the earlier summer pognta

## KITCIEX GARDEN

Some of tha larger plants of Camly fowers and antumnshen helfuces, whech have hitherto enjoyed the protection of a frathe or other wherm and aheltered corner,
may not be transplanted into theopen quarens may notrin transplanted into theopen quarters. They hem-inhe are to hand it wat be as well to trangolont
 Snow's Aroccols to come be for carly autuma wen or atter ca, ill wers arr pat. Do not delaynans longar whiol may bany furt ier transiplating of Cabbages कhioh muy bo neressary sow also spinach for as suce asion should mild reather onsua. SIake a part bowmain crop shoud in for exry anturmaradz. The nccesstornal sowinigs of Peace jon Farth up the pace whit gitcoks mey be neceseary to seany, and egrler 0noe, and to ward off exceatve winds, bait and Buow-storma, co. Look to your supply of early Mint

## TOWF Gardening.

management of plante is feri remark respecting the much may bo done by is windorre and balcoules, as partuenth If large boxes can be obtsined these this de-



 Maize, whichis a ₹ery ornmon on then mat bo turaed ia out of pote in May.
pos Chrysanthemen

 "Misplay of plants like.ise, The dro suspencer of Thoussadrs" milen stan suspentaed from the conthe of the
Fioreten bolder (a Ferg simple Foreten bolder (a Ferg simple and
can bo bupg on a hook on eanh sit of fowers can be bleadily find fres On a stant? fiuced in tide w tidow filled witr Fiernty, wid do we
dry bun. dry eud. Fugander Wald
among the Ferms at tho itjucry to them, if removed sioper seas Or an andar und filded witil whter by Rold and silrer fism, thay bat am leaves are occasiona is commovily calied the Atitt in the most confinel? ne, ghbeogrions wh Fwehsurs, and sucts phan
inch of be removed and replacal top asi b all stragghing shoots aloould be nhorto muna mow bo materod, ablal as possible, J. D.





# 1014120.$]$ 

## SUTTONS' GRASS SEEDS

Fil AIL SOILS,
abivosur croti of hat avd stemeron rSitc axGe candiag free.
YEI 1L for EXCELLENCE of UUALITY,


PARIS, 1867
MISSRS. SUTTONS
mrines for PEBMANENT PASTDRE costalve the yolzowive

## TNEST CIEANED GIASSES AND CLOYERS.

|  |
| :---: |

Meadow Ioxdzal Sroot Vempl Creoplog Bant Yelnow OAt Grasa Crented Gemted Dugitn I  Thil Fessing<br>Yarlous Inherd Fescuo Mcurow Fescua Shospa Ftisello Redrth Fisctuo  Dute envad Fuscris  Evergigan Ryegrani Thimbily  Foodiside 3 od Moarom Graes H. vorgreen Jifadow Gras lereno al Whito ciavas yoreminel mad cloter Alske chaver

## SUTTONS' BEST MIXTYRES

POR TRE FOLLOWING SOILS -
SITF Clid SOILS, to be met with in the HEAFI LOAMS, of the samo Formations, when C GoD MERTVY LOAMS, on the Marla of the Ofd 'LisHT SiXDY SOILS, nin New Rel Sandstone,


Whar GrayElily soll.S, such as the Flunt

( CHILKF SOILS, wit the Mountrin Limestone, the CHERP DOWNS - Tho ETe where not Loo elented. Prut rimo Oalite rook ze Ele rated and more Exposed

Wiater meadows, and all Loud under Irtigutio
Thto of 8 buhbir of Grase Beede, and 12 1 lb . Charems
2x to 20 en, per acre. Oarriage Free.

## 6TTTONG' CHEAPER MIXTURES,

$\sqrt{2} x$ to $2 \sqrt{s}$, per acra Carnige Free.
FTMYS' CRYSTAL PAIACOB" MXXTURE, for fers broande as mapplied to the Crystal Palace Come foor to prodirc a bonutiful evergreen Bward, 18\%. per TTJUTS LexTURES per acre.

> BEEDS for


Second "ualttieg cheaper.
STHOY BENOVATING MIXTURE for the above
 ${ }_{3}=5$ to 1210 per aere. Prince gad quality of Gruss
$\mathrm{sp}_{\mathrm{p}, \mathrm{n}, ~ \mathrm{Contrach}}$ Pres 9 d per lb.
and contrath made for large quantuthe.
Fire per sent allowed foy cash payments.

To The quelen, Bladung, BREICA

The advanteges of procuring Seeds direct from the Growers cannot be over-estimated. Lanicepanter
23i's 233, and 261, HIGII HOLBORN, LONDON, W C.
SEED FARMS:
JUPES HILL PARM, DEDHAM, ESSEX; GOD'S HOUSE FARHE ET OSFTH, PRSEX math hounf farm, dediana, fishy, THE SEED FATKY, ST UMITH FBSEX

## CARTER'S GENUINE SEEDS, <br> HARVRBTED ON THEIR OWN SRED FARMS, AND

SOPPLIED DIRECT TO THE CONSTMER.

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Specially prepared for any description of Soil.
No. 1. For FERTILE CLay soils.
No. 2. For PGOR CLAY 8OILS.
No. 3. For Higet-Litng clay solls
No. 4. For ALLCTIAL SOILS
No. 5. For LIMESTONE SOILS.
No. 6. Fot NEW or OLD BANDSTONE SOILS.
No. 7. For LIGHT CHALK sOILs.
No. \&. For Brasti lymestone solls.
No. 9. For SaNDY solls.
J. C. \& Co. hold one of the laggent and boit nitooks of Grasses and Clovars in the country, and are now prepared to supply their Mixteres as above, for the formation of firit-rate Permanent Pasturea.

Finest Quality, per acre, 28.0. to 82 s .
second Quality, per acre, 20s. to 28s.

## DESPATCE OF ORDERS.

J. C. $\Delta x d$ Co. having now completed their arrangemonts for the seazon, are prepared to execate prier the day afler being rectivel.

## CABTER'S IMPERLAL BWEDT,

(See Illumtation, page 246 of this day's Gardewri' Chronicke)

THE HARDIEST AKD BERT IN CULTHATIOR.
18. per lb.; cheaper per buahel.

CARTER'A "PRIZE" TURNIPS and 8WEDRS. CARTER'S "PRIZE" HANGEL WURZEL carter's flne clover seeds.
CARTER'S IMPEREAL GREEN KOHL RABL.
For parbeulars of the above shoies atooks, see Cantru's 'Illuslrated Farmer's Calendar for 1809.'

## LOOK TO YOUR GRASS LANDS.

CARTER'S RENOVATING MIXTURE should be sown on Meadowe that have suffered from the jast dry exummer. The olaxture includer the most deairable Grasses and Closers for hay crof, and sucteeding grentu feeding, and will woori rwase a firt-rato permaneot pasture.

Bow 8 to 181 b, per ecre.
Price 9d. per 1b. ; 80e. per owt.

## CARTER'S PRIZE MOBAL LAWN GRASS,

A SUPPLIED to the PRINCILAL ETHOLEAN COURTS, and for the Grounds of the late Paris laxiziblition, Wh opediliy produce a carpetilike Turf of the firest quality 1g. per 1b.; 20s. per bashel.

Sow 3 buatuels per acre.
For full fnformation on the Laying Dunn and after-treatorent of Grave Jands, see

## CARTER'S

FARMER'S CALENDAR FOR 1869 (illiustratkD),
Post Free Bh., Gratis to Cuatomens,

## JAMES CARTER AND CO.,

997 and 238, and 261, Hugh Holbora, Lotuden, W.C.











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 Price - per buthil, chanpar by tha quarter. Liwruse fref

New and superior Farm seed.

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 Hotalitot crupe, to nuit ryory detriprion of soll and crimute, of Fry supartor quisicty


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Stuck and implement mbiza SHEETY aro Now Reads, and wrl be formurded on applection to HESRY WIITHORTII, Esq, Local Secroters. DE, King Stroestr Matsohestet , or
H. M. JENKINS, Secratary. 12, Hanater Square, Loodon, w

# Che sigricultural Gatette. <br> SATCRDAY, MARCH 6, 1869. 

## NEETING FOR THE ENSUNNO WERE

Mence 10-County or Deroan Chumber of Agricalfare, ab Newtan
A Calendar of Ferm Operations in March bogins thon --" It is of importance that we gow (a) only those soeds which wo want to grow, and that (b) they be alive when we sow them." To the other conditions of sutccess in plant growing, riz, the preparation of the bed for these geeds, and their proper position on and under its surface, wo do not now refer. It is wath then purity end nitalaty that wo have now to do.
No ono has done more than Professor RuckMar to awaken the attention of farmer, to the importance of this subject. He has ahown thom how thoy suffer from both carelngsuess and rognery in the seed trade. How often has he not reportod from 10,000 to 50,000 weed seeds in a ainglo pint of Clopor-in a pint of Ryc-gress seod several thousand seeds of (rowfoot and of Holcus, and in a pict of Lanseed 10,000 to 15,000 seeds of Charlock, Mustard, Cress, \&c. He has taught us also, by careful analyses, not only of seeds, but of pasture lnuds, how this mass of weeds is not only sown, but grown. Ten years ago, in a field of "seeds" at C'roncester, be dug up a square yard of Clover gromad, and found 46 plants on it nerther Ryegrase nor Cloyers, which alone the farmer beliered he had sown. There were 7 piante of Plantain, 8 of C'rowfoot, 2 Hardheads, 2 Dandehous, 1 Hawkbit, 6 of Ground Ivy, 4 of Selfheal, 1 kmall Bindweod, 1 Foal'a Paraloy, 2 Monsa-aar, 6 lijeld Madder, 2 of Couch, 4 of Creeping Bent. Several of these are flat-growing weeds, occupying the surfece-such are Bindweod, Hantains,

krowth alung wit lesired. How camer they thern: In the seed-box when the fisld was somen, the snodid (nominally Clover soed and Rye-


 ti.th hat man or. It


 ( lovers in thar neighbourhood; and then ( 3 ), many of these weedu, teeding in tho first year, are mucceaded in tho following year by enimmenea nerrease. Theso throe circumatancese says Profewwir Burkias, aro oftern of themselves ennugh

in the ran fthe Tire of azun, the firmant




 Turrip tevi
Farmers themselves after grows and sel, funl ond, and thus ouffor for their own or thes
 in all trades nul oef yatrons so in the secit trudo there is an atinull tr als, facture of iload sood for
the dilution of that which to alive, sa as to prothe dilution of that which we alive, so as to pro-
ducen a marketable compound whioh can be sold
 thia kind from whioh the phut. the whit sulf ra yot it it by no meane dewiri it in mply that the
recul-tude goner. is is tanted in thie way. the contrary, seoc sellera suffer as well as thair rustori ra. It is mprossil le, except when a man giws lidy oculs which he hew h trikelf grouan, to neoud the risk of thapmange of a worthless artele
Any mon who bure, whether wholealo
 bota of the farmis r and the Eeverlepzan, that many of the lwallug nirn in the trade hase joined th



W1 wron at, it tr y or kill, ot gure to bede-


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 declated to ir wilunces under the Act.
It to proprosed that tho renaities for offencas Firs ofrence bo as fill wa:-

 published by the informant or prosecutor, Act, to be
espente of surh mitender, is sugh newupaper or dewe

 Wo cannot doubt that erod agricultural nartioe enartmernt as this. and it whit be a capotal print


## A vFar inf Lantiu. Ineeting of noblecson an

 Agncultaral Labourer, inet on Thurgingy efterbohth in thu great trum of the Soniety of Arter, to conasuler whetber it wrte whisable to or artablish a Boctuty, having the itaprorement of the ciroman The carcular invitiag attendianog at the objeot. ing wes aggad by Lords Iozacobakr, Cors Cuwirr, DUCIR, Crosvroop, Lrongirin, Rom, sos, many members of Parlament, aud otherg


 fuito as Full acd to that juestion he lealrua tor ronfine the d-avion, diverystatig the natay rantict if l cottage-building, of olemont as
 so on, whieh were enuznerated in the paper that
had wammoned them togethor. Lord Iacmifite opomed tho discussion by axpreasing a prat indisposition to establisit another cociely, Its fundis wold go largely to motion of the objects cultenprated by its members. He referred to the faluro of th: that fallure becance if its fintemug upon tho dascilat in of a multitis lo of ingentions coniectel woth the riphts it the labourer, anatnad of , n-
 atter all, ther foll dater of all ollart ittprove.



 what of tha lab it ot arousalg the attelatan of
 working men, more good would be done than by

 reocived, had also doabted the poasibilaty of doing anything by means of a society ; but if gentiomela

 otuncas to find ont mastery watimg purranta and
seryante wanting masters all oper the country and thuq, as well as by distrontmer informati is

 he whilit he uble at the oud of tho yfar to coma
 be able to agree upon the formation of a 50 As to education, he protested that I is clowriw re and farmera were diagracefitlly negligntht of their duty-that his own case, in which ont of a pars $h_{1}$ rental uf $15,010 l$. a-j oar, he could only "sirew villatro schnol. was tha caen of the a-sear to the
Mr. Banzey Dr viex, who had taken an netire part in organisiog the ? emtirig. Lninesel that a
 now lying hid in the 1 int of thent cficra, which world ten 1 to promote many of the of ect - what the letter of invitaten cottages Was one which would be thus most ukefully ventilated. He colll upeak with the utheont -nfidence of the inijr it inco of techimal athact ton in order to the atta rim tit of eocl 1 th Areh macon tivi is in aprak" (f what l' hitoradrunkennoss, wh. h, atter all, liy at the tritnen
 the dexired sochaty, clan prod a place upmon thes is councl for "the labaurer" himare upha the If bring o labouring man as able to addrozs that Bociety Hould bo most useful agd desirable
Mr. Dricr, M, servicesblempss of auch in ancinty. Me wne suflin


 being in the chametars of tha propten, and deproye that was a cradzal cromeso, Cafanded the land wners from tho attuck IHo Canon Grimismec.ve had, "ny weual," wheh dialisty in supporting the a cleat deal more erir less ilogmatiral, oxelaishve, aud probel thoy were Mr. in Rhat, M. P., in refergatioe tos the in imagned impossible to find an, said it was one

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requred requred ॠas fair piny and tae of portuaity of expand-
 otner hatid, by Mr ArcivD, ME P , that if arrinulture
 mistration of the emintry Tho queston was whecher agra uatural interests should be raneued frasa the ace: denta. and socondary position wheh they occupled in so many different ollices, an a be maide subordanto to o stalf of perzons who woud bring the advantage of tecintal akill and experiente to ther consicaration The Cenirman, Mr S. liead. U P berevel that by a revision of departments thir Heridence of addationa expense magit be asolded Tho trieutged of tie adriculturists was to hive il permanent secretarg, and rot a party man, who woall trobably hate to gonstel oflicia as som as mo hivd parnt his duties, and who might never aga.ran hamiono ato return ta undertake twem Tho motion was at lengtin a,opted The prolion to the lprestdent of the lioard of Trado on the sul.ject of a separato conscrimertit Department for Agrimt ture was pinstronm for a molit. Mr Du ns-
 verbal alterations, ass zincil from in fillows -

riciat af mafergards Ajabist the indrumaction of corcigo




##  Jurng tar dacuasion on Mr a Livo manis mor an anont offices, that the afrncultural returns, matiemi of beng pithished seon nfter harrest, wera deferred tigly Frute to the Thmes to doffand the enssting conduct of tho agricult ural statistical iaquiry <br> $\qquad$ 

 - A memor a 19 a couree of s.gnature nmong tie breeders of sheep requestang the t nucil of the Rayal
 drecitusfact.0n whir they are alleged to have given at Iavester, Mr If ret iv, on belial of the brceders of breeders, Mr IBeow s, for the Norfok, nad Mr JLIIN TBEDUELL for tho Oxford Downs, are taking s lending part in the morement. The memortas begs the Colurnl to anvest the judges with f(tal power to decide upon the eigtbirty of the ammals for competi-
tion, and asserts that "the practice of lospeot.ag the tion, and asserts that "the practice of 10spect. Ng the
wool and dequalify ut skeep by 1 rivate partieg, whaiee mamps are not publimhel is inspectors, is most objectronable, as berng nt ramance mith the rules of the
 whin in fa farig to prevent tho ofil it is intendeal to
 pettion of ampials whuch coud not havel eond liare
 - The ( neporation revativo to a deputation, agreed last weat Laterold, in to warly the experixes of the north 1 lincolaghire Agrielitheral socrets s show, to b: hed in Lucole on the lay threo days of \$uy mest.

## OTR LIFE STOCK.

We mare received a commmocition from Mr. plams of some remarks mato by us whet ke com Cataligue on the esd al Jarlaury. It was cerlanaly no our unteat on to speals othernise than handsome of the Z3rocton House herd, and teference to the pressiom nore alluded to mis show that the Catalogue in a triendly spirit. Tho oFending passaye comies last, and is as follows - "Too frectuently onls three cosics and in 11 on of fonr carosse taf are blood. The nerod of it me thus injuented is tio simort to ebsare true bred stonk thist maty be relied upon to tratasmat their goud quant es to theyr progeay " Wo p.eal gualty at onca to the maceurucy of the statement, and are gand that 3ty lif.l, ly culi, ne our attention bo its has enabled us to onrreet the error Thastr case above thenthoted huat, furs, and 1 he 11 cases fite As to the perind of $t$ nio being too short to ensure true-hred bluck that rusy be relied upor to trasurait their good qualities to theur progeny, Speak, ng frum experience, I would rablier commence breeding froma cow mith only two pood crosse日, and be antro of shecess, finaritipon half a-dozen miscellabequs ones of wh ch f knew nolhing if car give cow, whoth I aforwaris solf Io br ing Matchem ows, whidi I arhorwaris sol I to Mr Bates, she liad prozeny ${ }^{\text {P }}$ tiere can be no dsi dte , is the trithe 18
 Pres.atm Caw, one of the lat atos: in ber day;

 class hall, and sire of the 1000 gs . GRaND DUEB; and last, Orford ed. Frota tho 'Oxford Premura Cow' for own gri, alli Lis brothers, Drke of WeL Liviof $x$ and Lucnsiotise 2 D , wiere also sold to Ameri a for larke res T'ue dencerdants of OXFOHD 2, both mates and fennes, wore an of a superior cast, and rominn so to thas manent. I wsil lext allude to me kirkaindrt ni when my antror botghit the
 stork T AB prices her progeby wra sellinp for proves Waterbo cow When ske rame, 0 K rklevingtorn ghe had only two crosses by Waterluo to begmanon Brics sha had only one cross, by 1 of her desmendants, Anneite $2 d$, bred by nes wea solu tast month for giv py, wheseversl of the tribe both maleand female, lave been sold for $\overline{50}$ and up to 100 ks Fictoher, the preat-granti-datu of Prehasa, wan she Wi cis tri, athd, , ipuenlad from fir James Brown's
 when I got her, yet mang a good ammal has bed desconded frans her. Among the ntumber was Ahe calebrated cow Mayfil, hought by Mr, Dunglas, of And Princesse another descondant, hy 4 TE DCEE Ox oun and othe two of the satne farmity wera also all solf inct 10 th eo all pedtrgeen that Bhotuld bo our pulde when zonking a phrchase, but ter gond en
hametiare po lhas had st lenations of the high rethark apply to the $\begin{aligned} & \text { Brocton liouso stoch, we onturely }\end{aligned}$ croseses requ red to kue Brity of type to a breed cannot of courso be spec.fied, ant in some rasios it may takke much hinger than in others. 1 lr Bell says he had goor rosses, that upon usif-1-dozen mucellaneous ones," of which be kness nothinge This is a mere triwin the question 13, Fhethar be had rather OMbla breding lroma cons With two good arosing towaris tha last care

Wrostould also like to ask whether Mr, Bell wouk put fis com with two inool crasse3 to a bull with the snuno nutaber of crosses? Why should such a propo ation seetu Lnjpactical? It 18 becauso wo are all enuvinced of the importance of long aud pure linesge. He kan⿻ that if we do begin with an ordinary cow we misst work the ordinary blood out by repeated a inances. and that our best plan is to begin with ghom blom on both studes. We aldo believe that the cruers of one bad
 many generations.

- The following rerard of sharthom brithe has ben regenvel from IInily lank - Grenadage by Ros

 Grensathe abown ment omed, calvel ared wita litale

 descenued from Mr Bol of Kirklewnaton's Fidges Cam.ly, calted a whito bull (Fidelety fty) to Pbifecs
of Oxfonv, on Febringy 12th All are eood walses, what fam ues wero connecton whit the districts whero
 Fiathion
faraly.


## 

## 

 Wirs was destred was that thera fhould be a

 burdens as between dufterent deserimitions of property but to asked the Horso gravely to constler that queen tuon- Wero there or wre there not, in the laws of
Engladed as they now stood, or ta the relatuens of thine Who in diterent wats wero conneoted propery, caupeat whiok tended to iompore the appleat-
 tenure of tiand, the athumbetration of the law and the powers of thrist Antuor, tzes, loan or Imperial, tended




 works from bung cast tpon posterils ith rulls,

 ntatutheal brsach of tho Board of Trad or They spoke ought to be more rapidly oollected, and broughit out as farmerm, whoreaks at the tume they wero now publ shipl they onlo ensbled them to putest nt wint other praple

 of thoce lically interostred, ho thoukht it was legurnmato for the State to tatie tho untuakive, supersedes local
 Ezreculvie Goverament, usder tho sanecton of Prarla-
 persons eninusted ulay with respror s mep itardid.ties



 must feel convinced thas ance that men clarged wath prabice rexponsibuluty



 hat to mtnnaze therr owrit bus pess tey to thio whem they coull do batler fr thensolves? He would answor opinimen, required tie intervention of the best snotyledge, gurked by tho best experience whel the country


 exchango and transler of land and the mproyemento coedings of the Coms salon nppointed to inquite into aware of the dacinomres mlics nould probably rasul irom that inverthation ens to the condition of colluges or of ong which hect wot tieen carefully attended to by
many proprietors of the soil, It wis, tomet many proprietors of the soil, It wis4, Lowerer, a.sy near of the most arefai miterition on the state, and in Lead of the most areftul itemention on the part of the
 Wholerquestonof internationmuia

 districts. It prery co anly there te re a nuribur i of them, under tio monagement of arresponabblo jus tices of the peace, then there wore the highmays,
under the supervision of the Elighway Bontl, nad the roads undor the Turngike Cammissioners. Wind regerat to the brudses, he believed a fearful indectmont

prinkig a 2 ulp incikating the poathong of the county





 tris mas a sabject whinch oupht to bo nol njer neg.ected ment of Fatercourses woud telar to was the mauaza with a view 10 dranage intigation, zomage, and the Water supply of towns The lotiter question, of pourse water in ngriu uitural distrirts, Fifthly, there was a
 recird to this subject he coath appeal to the bigh
 buseif in support.ng the 13 , introduced by Mr. Pusey, menter for Berksure. for fear of frovoking controversy, he trould not state by what minsences the heverall hit ortant prowithe, one of wheli was tiat the
 them, tut in the etert of the rbitige tatle ti) agree the thard pirsom or uripipe was to be zploanted ly the anlinarity, he "rouf sugrest 23 if firct sibbocet, whish midht bo saiey and usofuly delegated to a puble mont, when calleal uson hy the parties interestod,
 not drectly reprosented in that House wither gract extent Plany cunty members muluz know any wrol Hint the great moldranes to the ncreaza of tue
 co ild not alrsys Prirm with cinflence. Ha hoped moitd not be loosted upori as being at variance with Wrumary cconomitc artion, an 1 now came the question, $\$$ hat were the arrangements whith would be likely to work beast in carrying into offect tho objects to
whinch $h 3$ motion relsted?
He had wery littlo experience as to the discharge of olicial dutios, but he Tro th ment.on a plan which had boen n sugquoted to stith the ebject whir the he Fad rentured to brang un lor the notice of tho IInuze Tnat Ihan was to umbo all drpartmont, to bu cilled the Minstry of Healten and dspreculture. Such, 23 a scheme, was however, in h115 Iurge and topen to the objechoa of beng mucll too
 better, on the whole, to look in mother direction. A gentleman of vory great practical knowlodige liad +aformed buat that nim thongtit the last thag mhath coulu bedrne was to dull on the In atosure Cumamision, tac off cos un Jer otie hemil to massion, to concentrato ong of tho higker departinents of the Governedent and to plece in such han ss all tivo duties wibleh might grow up. Thore were. in his opin on, Fery strong rensons toald be bard of Trade instead of tat Privy Couners has right lion friend the Irreadent of the l3oend ot Trade woull have filt prat fied of he had been beli.nd of some of fromern pirind withes an the proceedingy the Siliobary Ietel for tho wher hat been neld their viema an thessulach Amons tha of expreassing hus naserabled a gev:eral dizuosition tais beal men fested to look to the right hon. department as 1 licily to do for them gentlemsan and bis required After a very Bearohimg discussion the tinet
 there shouzd bo a separate Government daportion that 7/riculture, preaded over by a permingens oftioer for
 Commatere or a Comamission, be best dealt with by a that was n or aestion matis respect to whioh ho did not
 obeer ratisna on the subjeot, bejond saying that what aver tended to hinder the appalation of cupital luevat
 that a he ect Corimi 'ee be as ponatad to aquare into pab e nut jurt les, if a a Fant to tore of various be mand of recommending that some one dep̧artment and legialative fuestrons ateating mith edmanistrative Mr Goubisk radualed the ing agriculture
farious subjects matich Mr. A immense range of dultiCommattee, and preferred that each hase of agticultural on the otber hand Geal with as it was proved ; but humself carefully against manf of the Fiows expregsed

 ansy ercater consolation was ar e thry agr cultural gnestimas $2 \pi$ whach
Were concernel


erguts it was the resilit, of that the of on Fast quantity of matter from

 sand we sliould bave ditlicaty
were jarge tractas of lasid boll to climate and eneration, weal becauze there $x 2$ no stateshuan ge armat uttising uppr thentio waste of gro matiter alone there wha a greater f
niatesman than there was 11 nt1 the re athms betwere war in onderapt nit
 member for Nartit Jenon not ted is
appointment ol a eantra. authar'ty appontment ol a canbra, author
averythiss that reanded to the ow aer

 througbont Englani and Wales ani forst an




 to the tenant for perjminont in voseman's mpar, for roals, for ciframaze fir lia if : su


 sombthing to be done, surcly tie proveris bs wht
 Erossion in tho agrtcultura of tha 10 te
ane regulation of the water supply so a* once lia freedom of tue mam arterial ouff $17 .$. Sir Wirservatinn of water, was authoritg eostat not lie fuand
 he saw wo call for the materfitente of

 bid hara are some who wou d entrelop agnen wist Fatchad the jrostess of imfroymment accept tha mornal the Sutatid Dovon Let tenant-farmera be wsmad hy happoned in tho gourbe of tLo last P'srazin ot, the

 chalod tac principle of se,f-rath Fiment shd of ra trantion, hind ett tieth ar ides.
 first loons not vureasomable, but if $\pi 0$, nas af the prabhica, and perliaps il inquire into and advanere

## Wosition at jroacnt asany otue


unae to tuat departinis the and at

## thime way or other, misht probsib.

## went matters thb+his of I were al :


 Lust trafive witle tie puestivati rrigation, an 1 alter apenkiná folt to be very delimits genaund-tenant fidezce of tensats in thear landlordsTrude and ast them to propose soma gubjedt of game. It would, no doubt,

正at preseft．she was never so wer in
 My admea to hon．gentletnen whio
diends of farm．ig and fartners is to rends of farm．ag and farmers 18 to mulustry are far better lor
ditan that the House of Commons pe it of itha notioe，I thats

 neat fou teld No．1，light lend．It was by fer the of mine of beang in this מeighbourhood．A neighbour Englad．I dud not ree onf so good anywhere，neither Id I read of one so sood．I trad 87 bushels per ecra． The Beans wore plumpy and good，no hollowitito ones， fod 1 have sold meatly sll of them 10 my neghbours for seed at a good price Can Mr Howard produce surh jacts as these in support of if he can，let h；have vhem

You know that I offered to do all mF wark last alluzinu before a Commission of the Rogal Agrieultural Socioty，il tiey would send one．Now，som son 1 liun completed my，autumn work I niformed the Cuauchl of that Society，by givang ail the partioulars， and asking tham to send a Commussion down 10 inspect
and report upion the work．The Searetary wrote to and report upon the work．The Searetary wrote to
me that my coumuntation would be ind before the Council at its weetron in Febrnary．Tue plecturg 13 over，nad ne．liper you nor I hwe leard of ford abutt tho cummuncation．Tuey are qu，wo welcome，hs far 23 I an conoerned，to do what tuey please with my com． munivation，it cannot hurt zoe，for I hava given all iny unventions away，and the testinnony that I glve ts them，＂I hive used a combited ridging and gub－ biving plough．that mikes capital work，＂and this is Chalmsiord that they woutd not zea ax work by the and of $A$ Commssiou last autumu，or even ita work sinoe ofiered．＂Iu Autamn，＂says Mr．Motrard，＂if We bave some farmyard manure made oarly in the year，it would be put on the stupbie before it was broken up．The noging would be donsin havarahis Brikamiar Farme，gaid on the 1sth of last August，＂The blan Mr．Smilh recommends of pusting on the manure ， 3 n Hr．Smalare breaking up the elubble with ike tof roots botore breaking ap subsoler as hardry dessrable．Thase ridger and subsuler as hardly desirsbie gatergd or
Messrs．Howards＇own caso．When thej gate Messrs．Howards own cajo．Nhen taej sutered ou taer＇Clapham Parik properay stam in hani，and lardly a losid of dung could bears seraped up．．Mr．Smith＇s system wolald not meet be seraped ${ }^{5}$ sind．Mesirs．Howards i．lan I regurd a case or this kenerably useful one．．the stubbles ara is tho thone the ctop is rewored In yecember the up mbs is ridged with the common doubla－mould plough， encli pair of horzes mannitug from $\frac{1}{2}$ to 3 acres a duy The ridges le tall after Christmas，then the dubj is earled from the yard and siread， 14 the furrows，ike riges bemp spht at couventence．
real thas，I can brimg other ovidenie of the ancon－ stency of bis own writug
One word more，and I have done．The $\Delta$ gricultural Soorety may try to smotter mo as long as iliey like， and Ar Howard may try to gwalow me up if ho can，but so long as I conimas to work out my ory ylays nad give racts to the publie，whait I hean to do， the former wild mover get on witid morn rexular hedpehog to get down Thatazm Smlh，Foalalon，Blefohtey Stallon，Butis， Feb 16，186t
［The zbove wes written and in type before we dsrioult kral Gasatlo．A long commuricatiou bas been dsrioultaral Gasetle A long communcation bas been letier ctouse by clause，But we do uct pubush it，fur Ll e publie are not unterested su a peraopal discusy，an of
th．lind．Wo may．however，say that it proves，by referance to 31 ．Smith＇s pricate correspoudence，thai
atean culuvation；and it argue，as mdoed is done
Bbove，by a relerenve to Mr．Browick＇
 the practice of stirring the stubbles deeply，haviag first apread
tice new to Mr Mro on them th the autuma，is a prac－ led by the Wroteton practice and the Woobito writiags．As to the 2 mplement figured on p． 11 of the Bedford entalogue，not fasing 3 copy of the catalogue， Mr Soitth 15 unable to refer toit，but a copy bas been eent for，bud further criticism，we presume，may be expected． er flilage and mayure comhined to brantand the constant croppong of the land trith Batley， －＂I will qive you a bit of frot－Mr．James Homird I Lad a heary crop of Wheat on my No． 6 jrelt land beld ils acres，in $184 / 4$ ，instead of a crop of roots that I hid upon thes same field a crop of Barley in 188 leat pave mo a produce of 5 b bushels per acre，and for 1869．For the barley crop in isïy it wes saushed oree by sleam and horse－cultavstor，twico，at a sost of $1088 d$ an acre，and it juat a dressung of squerphos－ phate of 8 opt．par acra．For the Barlay to bo grown in 1800 it was ridsed and subsolled by is 01d $\alpha$ per acre，and the operation to bring it upor the \＆at is a subsuling，syitit．as the ridges lo ingites deep，at a cost of 3 ．per acre，making a total of low．01d． zer acro for the seed－bed； 6 cwt ．per sere of supor－ phosphato was thrown upon it last autuma and ridged in．The feld is fen land in oharaoter，rioh in reatable mould，and very poar in hme．It can stout haviz nll the straw taken from it every year if it is well lmaed；therofore I have made uy my mind to grow Burley upen it，and nothing else，with the ad of auper－ phosphates．Mr Lawes geve us the fact tue other day，that he had prown barley on the same manures，takjog ail tho corn en istras off during the whole period ；and I thank hum heartily for il，for it cheers me on in the road that I had out out for myaelf．He has proved that the thing oant bo practically，so any extent， 10 f ，ar acre will work my jand a foot deep，aud zrep it cean for ever without the
aid of any Twitoh burning．I atante this openly and farly，睹 that people miny all come and see what I am at，at any tume．＂

## 

＂T，B §．＂${ }^{\text {V }}$ Mechi，－YGur correspondent＂T B．S．＂
 with having adjed suali susigusicant gigures to has balace sheet as farthtugs and hulfpence．Whan asking－＂Will Mr．Mechi stute thut these eritrea are noything more that guessed，to say the Fery best for them ？${ }^{13}$ he adduces initances，Which be does not seem to observe，that tel！very ludicroualy agaiost hamself． The sum of 131 l ， 21 s ． 101 d ．，gamount of horso－food purvhased by Mr．Meoht in 1808，ia unacconanably
 muluteness－the halfpennues and penates－shom it $r \in a$ balarce－shest 18 ans mpossithluty．Is it rea iy begoth lits comprelichsion to＂under－
 and，apairl， 13 minutely，how much ho recerved fog
 old rulo，＂Take care of tibe pence，and the pounds wil
take care of themselves，＂is net one of＂T．B．S．＇ take care of thensel res，is met one of his seeptical allusiong ta Mr Mechs bslance－Bhest really a new featuro id businase，and would no doubt be intaresing to the general publio ir he would
sindly inform thens is to how lis thenry works in practicie．The the suposio flat ris B．\＆．＂ts a laud－ agent，and that be is conduchng transscuods on some gntlemans acuoant， 10 wheh fractions figure mive or ess prona．Denis．Ware he to produca a youcher for a

 went to the m．nutedess of halipen et itumis not But then this is the theory of＂T．B．S．，＂and ncoord－ ing to ith in order to prepent the gentlemau preferridg suct a ciarge againt bim，ho must uo somethyg to obrate the possibility of such 2 result，If is not his be tell us whate efficient method he adopts is order to satisfy humelf as to than profit or loss per aunu a on his awn farm since he does not RO to the muluteuesis of pence and halipence？I cau hardly bebere hat a mar
 sne points I humbly sulsmit that Mr Meebi and h．s hanlif are quite as hivel\}, alsart from local ressons to be able to form s correct estinat of furming substances and stock－10－trado T 13．S．＂or，perhaps，any land agent in the kingdom Blortorer， 1199 out of evary 100 rarmers hat to employ dealers，to purchase ileir ftock for them，as ．T．B．S says hey ery misely dor the Parmang interest and intelligance aust be fast lossa gromd，for it does not require thib cufounded asoorhon possess sallurent judgcuent to cnablo lotwi to select Ais omn stock he catnot by aby means be after it has beer phirchased for hian Whe dare fit woun appase the wratu of to male hat future vasuations for ham．The ekoald not then troubled with tho carping of thas 月jactiol madividua

to muke thenr annual raluations, but glso to solect for
them whitevor etock they musht huppont to require This ${ }^{2}$ " ${ }^{n}$ the suparior talento and great esperience of "T. B. B." admirbbly qualify him to fill and it 19 to be haped thet the 13 ritah fermern will not be so slow to syail themselres of the hints, whatch he ba cocturson sompo of Mr. Mechist theories. It truat that Mr Mesbi wil. be long apsed to shon to the agt cul tural world his useful balance-sheeta intwithstandin figures are much , wpecing agracultaral progreas, and
 mpr-ult ıral promess? I havo almary entertained the opinion, aod ewey shalt, that broth Mr the careful conaderation of overy pract.cal farmer and it will doubtieas require more substantial srguments thas thoso advanced by "T. B. S." to prove been in true benefictor of hit country, nind a distinguahed agricultural proneot. I do not ray that I Mechi, nor sill the theories supported by Mr theorses nre carriedi ont, bat thes I do ray, that the opmans of Mr. Meolii are very Par from beldg untenable, atthought they seem, to have bean for very far, in advanco of his own genaration. detract from his fisture renown? It may not mechin farm.ng profit dirplayed before hll and numdry, but that fill not conoeal the fact that the agricultural resaurces of thas country are but very montivest and the nnuai balanoesheet of Aldarman Mechi socote, Mopect 1
coopertive ganure Asfociation.-In sinsmer to I beg to forward you a copy of the rulea of the Linnold Trilange Auspoiation. We unply prothing bat 28 per nond colde phosphates, mindo from coprolites and retall trade from $6 /$ to $f^{\prime}$ per ton, andid often more There is no doubt that on fair lend from 3 to 4 owt. per Turnips where the land as very light some sniphate of potash would do goonl-may, - ewt ber acro, will 3 cwh of saperphosphate E Toynbee, Jsucoln, Mareh 1
The Tiptree Balance-Bheet Mr Mechi does rouchsafe to notice ime, but at present has not accepted my acre 10 the United Kingdom fealmulated on the Timite system) 13 only a trifle over 32 . anmually Neither thllages over the whole of his farm worth $3 l$. 15 . fod par ncre. Instead of eninghtering us on these points space chiefly in tellite of coltumns of your valuable
 knaw these thaggs before. Krowledge of this kid possessed by avery one atall practicaliy acquarnted with grneuic ire, and is by no means restristed to Tiptrea the questions I hive wil be so oblikiog as to aurwer Toctpable of soivisp the difficuity. It would be fer Week break trg fresh pround. Firth instesd of every impreskion of Feb. ©, Mr Meolis say, "I make publio my forts and praokico, ant sometrmes venture an progress thut wheld that $t$ a zond for ritrinu tural and thas derve protitable information from each on those who course such as systen is unpalatable and cosoree buaneas, nud whade it from the ligiti by mow that we have good rodar rail ways gone poot, and a rapidj) growimp agricultural Press." After enlighten me on tha points to which I have adreetere' Bya parity of reasoning I may alsn eay that potw when why should trading more than farming be hole corter business? As ha has been so read to bend the lastuing interest by throwing the liwhit of dar upon to hut can the refise a similar aivantare upon inform us throush west-ond tradera W Will he kindis
 catre, or will he publish a balance-sheet of his Recent commuasty renerally would aprlath ate pubti sinted conduct, und it might be or eervire to pabier his agricultural ir ends as nfinmina $n$ elue to an 200 thiek on tha proand $F$ Bignel $W$ ar As fatmera we are ilad to hear the thoughts of anyont on stripects in whici wra arn deeply interested i and ame turne he may rest gastired that there are minay who will be norry to thank that he sloulf relar sions as thomen of F . W. Bignell in his of such silith believo that many who not only poasess lran lettor. oxperience which mould bo foreat nowerge and farmipg comm unity, but are orpable of impartine buch knowledge, are deterred from doing so, not caring to I thank of F W BIgat asd whacropisisus nesailante of "J IS. $\mathbf{S}^{\prime \prime}$ - that he owes Mr. Mecha an apoloky. To marely perannal I egret cqually with him if bo from watit of tamil knowledge he cannot antury me os
to the value of T Dtree lands, sce, bavidg never seen
them, bat I coneduded he had, for at p. 119 he eaye

- bug chier rese pts are for Wheat, for the productiou of whet hys faria as well calculated Mr Mechi has not placed the palne high enough, so. ${ }^{n}$ but this is the question te cannok, nor cand I, answer. I Wigh t knw the general rua of and it alricularal phrpose in that nusbbourhood. 15 it " A Parmer." Lot him will now atid a mord or two to A Farmer. monsider the first portion of tisis communar degree intended for burn also, biti inust gay in a minor degrea Three-fourths of has letter whil not wil, only sotice $h$. correction as lo rent. He kays - "Now I will put the

natachanty ant 1
Gross profit therom, eceording to Mr Mpelits
balarco-aliect
Correction," 45 aseal of cbinpol fand
253
55
50
fso 13
tere we mast part company, each fullowing the bent of his own mind. I now take
Tptreo Hell, and 139 nerol ot land at tor,
Rent of chapol lind


## Interent of terabt't caplenil of 26rst, 路 5 yer 

142180
prition of my last letter, tut ayone can sid 894 to Farmer Jomes" for his yeur's work, and sum up intermet of capital; or, in other words, te has alloved me 37 l . for my darter, end I wtll not oven now call him working balliff. Another Farmer, 3 S. .-Imperial averages ara useless in this matier, I sold Red Whent, Golden Dron, on September 25 , for 60,5 , the third week following for ${ }^{55 \%}$ The Mark Lare hifpress of the 15th inst, quotes "Derises" market: Red Thate frome 1 Sis to 578.

## Societies

ROEAL AGRICULTERAL OF ENGLAND
Montifiv Corverir. Wednesday, Ifarch 3, I869Present Mr. H. S. Thompsod, Trustee, in the chair
 Acland, Mr. Bald win, Mr Barmett, Mr Harthroyp, Mr Jooth, Mr Bowley, Mr Bramston, Mr. Cantrell,
Colonel Challoger, Mr. Clive, M P., Mr. Daviez, Mr Drues, Mr. Edmonds, Mr. Brandreth Gavies, Ir Holland, MF, Hornsby, Mr Foskyns, Mr. MilMr Mr. Mr. Pain, Mr Ransome, Mr. Statter, Mr Morr Marob Wilson, Professor S.monds, and Dr Voeleker. The following now members wero electod.

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Mrown, Perroire Olant worth Hail, Lícola.
Caunoin, Joophi C, Oxfond, Whand Woking


Greetafild, Georga, Bollo Ean Park, Ollorton,
Groueoch, Charleg, Btondeld Holl, Wy mondhani,
Hart, John, Strangewiyn, Manchonter

## finnt, Ocarge, Evenham,

misledser, John, gawhorment, PanHth

 Laurio, Reginald N, Pax Hill Park, Cuekfield.

## Eoveh, George, Etunden Great Lodjg, Faverbiol

acas Rov. Charien E The Rectory, Bdith Werton,

## GGrepor, John, Actor Woaverham, Nothwheh

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ONod, Whuman, Athy, Kltiare.
Purdon, EdFinri, Rochetor's Ware, Dablin,
Rugern, Thement, Goxall, Frampton Bryan, Staffordetis
 impizun, Jrasaph, Nathoroulch, Loloenter, 33 South King Street, Manchester
Operding, Jolan J, Greta Iank, Kcarick
Thornton, Johnt, 15, Langhant Hinoo, Londorn, W.

Wartaaby, MTM, Murket Drofthroh Harbotong


Fivswies Lord Bridport (Chairmen) presented the eport. Smm which is Appenred thet tho Secretary's recepts during the past month bad been examined by
 ocietys eccauntante, epd were found correak, Tha pagance in the handi of the bankers ou Fob, 28 wus Secretary and his sureties of becurity egiven by the secnad, and ardared to betes had baed resaived, duly Iondon and Westminster Bank, Thits zeports whe dnped
Jounsich-Mr. Thompaton (Chelrman) reportad that bessis. Clopres \& SOn baving apread to acept a rediancopaected pith the publication of the Journal, whenses
saring will be eflected, fully a great nib Commited recommentil the Cour
Ther- In pursmance of the nuth ur council, the committee hand eit he requisite arcange the selented far for ruitung the farman and prepatise publication in the Jouraly. In mocon alygestion of Mr W lifson, of Kapton the Journal of every year thom the Council who retire by rotation in th hair be indioule of an asteriak bein reported that in Ciakg IV, "On the Dom of the Agricultural Liboarer mended.
Hodese. - Vigmont Ebripmot that the Comm thee liad consid ted Ir P Pared obtann additionsl rooma for that use of that as the cost will not exceed 75 plan submitied, the expenditure of purpose was now recommended-
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Voelcker to Part 9 of the Jouraul

1. On the Compasition and

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. On the Causes of the Benofits of ("-rerman phratory crop for 14 beat.
3. The Annuai Chem cal lepe

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昷he Commit tee recommended that D. requeated to snvekbiges the sur ng ths palue to opriculturists, ft in tion bat tho usinal Ennmal awarded to Dr Foeleker. In eoncluido mittee expressed their repret that the lectur in former yeara had been discontmued-

day had Cononel (ayiniser regrette
that it had been found that furmers scheme hail beara tried th o pasi bed attendaree it was then Bradports, kecouded by Colonel Ch:
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 Teal spoons $0100 \quad 1$
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ST ETIUMCAL PLAYT MEFDS









New Seads for the Garden and Farm， 1869.



 aRAR GRAPE
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Also Lutw bis DEscrifitve cata．


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LTTONS COMPLETE COILECTIONS for the ELOWER ADd KITCRES GARDEN，cartinge ITeE．
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## THHOMASS．WARE has mleball

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The sTOYES and ORCHID-HOUSES \#re almo very attrantivo and interenting jrat now, with bloonis of


The COLLBCTION of MEXICAN PLANTS is mrpesed only by that of Kew Gardena.
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- . . .
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297 and $2 \mathrm{SB}_{3}$ HIGH HOLBORN, LONDON, W.C,
SEED FARMS:
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TEELS H0BTICULTURAB OOETE







 Urohuds, all, bo at hamd. GRAND NATIONAL HORTICULTURAL





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THE MANC日ESTELE funtixt




 on apple ntipo to the under BRUCE FINDLAY

## The Garomerge ehromicle.

SATURDAY, MARCH 18, 1869

THe Anglo-Sazoin race has boon slow to apprehend the value of the forests with which Natere has sa liberally alothed the earth; and wherover British rule has beon established the evistacg foresto heve dissppeared, and no chare has bean beatowed on platiting others In all onir criones thare has been the game improvzdence, and it in only of late Feara that attention has been drawn to the importance of Comsmytara ties Forsers or Indis. Adrancing cirylisation, the progress of agraculturo, and tion repid extenasion of railways, havo, however, renderei it imperatre that means should be taken to organise a srstem of foreat administration to control the clearing of indigenous foresta, and to economise prablio property for the prblic good.

About 12 yeara ago the first attempts at orgamsation wero made. Drs. Brandis in Burma, Cleghorn in Madras, and Gibson in Bombay, endeavoured to lay the foundation of a syatem. They started, as it were, single handed In the differcut Presidendies, Without skilled escastance, and depending on such help es could be found in the local servicens. The ovelts of the Mutiny quichly followed, and the gmall establukhonete which had boon formed, were crippled, and in some cases broken up. On the restorathon of tranquillity steady progrese ensed ; 2 staff of five or eix mesiatants was sanctioned in each of the larger provisices of the empire, and the more paluable forosts woro mapped out into beparate ranges, and exact information was obtained regarding their readources.

In 1862 the Government of India resolved to istroduce a generse byatem into all the proFinces under theit control, and the office of Inspector-General was created. A Forest Act was parsed by the Legtslative Coundi in IB64, giving power to loctal edminiatratione to demarcate the limits of State foresta, to reservo certain trees for Stato pupposes, and notifying the mode of procedure in cases of trespazs, conllagration, ${ }^{\circ} \mathrm{O}$

With theme greaty extended oparations the Fant of trained aspigtante was much felt by the principal forett officers, and during a furlough to

Garope in 1866 , Ir. Braxnis, InepectorGeneral of Foreats, propomed the eelettion of







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## FRITT BY RAIL

 our Bolghay fricads have reen eary lig the scla we in +



Traveicers in Belg um may have remarked that the rallway from Brassels to Louvain is bounded on ench side by a hedge of fruit treee, consisting of Pears and Apples trajued espalier-wife- The planting was accomptished on the opening of the line three yoars gince and the trees are roported to be doing well: already they hare formed the first "palmette," and last spring the majority of them hore flowers. The planting has becr effected thus:-Posts $7-8$ centimetres in dameler ${ }^{3}$ inchos), about 6 feet yona, suak in the
 lathos being sbout an inch wide and a quarter $i$ an inch thick. Two (galvanised) wires 8 juches above post to poil, the other fust bolore aboul the posta. Between ans tro jots two the wip plantes, at 3 fect distance from each other. The trees may be arafted by approach, so that ultimatoly it may be said that one tree Btretaher from Brussels to Louvan! Pailway banks in Belyinm are planted generally wihh Osiers Aldens, or oither shrubs that
prot Lees are at variance with what Providence, carly itingine the fine, hot pering and summer ' Let one utingtine the fine, hot weather of last May and June ath hight and day, with a good boaking of warm rain tery week, eltcithag from gardenera such expressions is "What splondid growing weather ! gou ten almot se things grom; "the rajoinder being "Oh yes! they must Rrow; the ground is lixe a hotbed ! ${ }^{17}$ There gead on douht that it was weatlier of thas kind, sided by other gatural ndrantages, whuh produced that enofmous clustar at the Broos Eschol ; and nothing appew o me more simple, or to point more clearly to pucoses than that we should vinitate as nearly us possible thil kind of weather when Graphes ara required very earl) a our uneven climato. Whoever edopto the mos atural treatment, in growing Grepes by artifioial beat, will certainly be the most sueressful I know mon experience that heate! Yige-border are rery dagerous thinga, a.a whore tl ey are copered, and the rair is exeluded, tha lower rools often become dry and parclecd at the retsy time they nuzht to base an abundnace of water. Instead of thetr having about the average depth of 24 inches of rain ench setson, it aftan inppens that not moro that 6 or 10 jnches are doled nut, and even this is considered to be e great quantity. I believe many heated Fine-borderg have bean condemaed simply for the want of due consideration in this patticuler A thick layer of hented leaves and dung has been found most successful throuphout the couvtry. I am looking formard to gee in tho divercoultry. I am looking formard to gee in the adver-
tising columas of tho Gardeners
Chronaclo some suoh tising columss of the Gardeners Chrosicfo some such may be uselal. The hedges are somet:mes quiouret
 on the most nstural syatem ${ }^{\prime \prime}$ After a few $z$ cars competation, we migl then perlapos see enrly Grapes in a condul on to raporsede crerstlisag that we have heen ase ustomed to in this
courtry Il Cambell, Whooluth Uprignt Boilers - In ansper the unirnght bunlers Mr Winls srirnhat of wral be better for were surrounded with brich wort I Will rive him my four-and a-hat geers experter ce with one Yers similar to Green's, of whith latter a flgure is given in the Febraary, About 15 years ago therary. acioular years ago about a bofler constructed on about a botler constructed on Messars. Greem. After estimetso the merits and fanlts of the two that of Green's seems to me to that of Green's seems to me to latk gbveral of the good qualties Which the boilar referred to gossensed. In the first place, inst where the antion of the fire las the first and most direot efect as regards heating the
wister, $3 n j$ nne of thnse doors Whater, shy mine of thnse doors lias to be shut when the fira is
hink on up, consequently the fool is iyiog against the door, whioh when lbe fire is burning rather briskly, must become red hot Again, the grate bars are eolid, and there dues not appear to be a second casing to the baller
therefire the whinde outer surface is exposed to the external atmo sphere, whieb must be seriou
fault At the time above relerrel to, my eroployer was hoving large conservatory built edjoining the mans on, and from the remommeruations of persons
(en épinef,) sometimes of olipped Hornbean (en charmulles), the persistent leaves of which in winter time are advankagecur, by prevering the line berbg blocied by brow in deep cuttiogs. The espuliers of Appe and Pears above alluded to have beea planted at a 00.4 of if per matre (say lod per yard !) The arerage of 1f. per matre (say lod per yard: tue averaga
 tintad at $1000 f$, the kilometre (about the gme smount (" Belgique Hortimatio") too hugh.
Loss by theft is not to be featod. Everywhere in the enuntry frut is more or less wholly left to the publi $h$ nour to protect The reitways are tha objents of oonstant supervilion; tit would only be nenemsery to give elthle extra surveulance during the thme the fruit was ripanjing. The riitway emploges, gate-keepers, E.a, might be allowed an interest in the treea, or the orop might be sold standing. The cost of maitfengic is culculated et 10 cantimes a mètre (ld. per Yerd) per year Under dartain orrcumslansea, the Yine misht be planted with advantage. Th is monvatis appe.usk to us to be degirable in all ways. The hedges are begutifut in spring and produthe in autumn thex serpo to utilise waste land, they didxrminate good frult throughout the country, and, from the esturnates above piven, they should prove $\%$, mource of revenue to the rallway companies.

## 至zome orrespondence.

Heating Vine Borwerg As my mome has heor introduced intu the doseussian on this subjer $t_{2} 1$ lirfie tu be excused for making the following remurke. In mat say that I beve been surprised at cartaju most absurd remarka from some of our grentest Grape wrawers and
ment of a boiler for horticultaral purposes, he was induced to have one of these popular chenp boilers requiring no briuks and morter, manufactured by Mr. Khulbt ([ think) of Norfulk Streats, Souther trls. It wa about 8 feat 10 inches $h$ ghand abosut 18 wimhes by 16 troches square, fod from a kiad of hopper, and it hed about 8 tho feek of 8 -nch pipe attached. Thia bruler, if attended to obbut every hour did its wark (consmer nop the suald smount of thel) verg satisfactorily, but It ularly in sharys weather and during the 1 nog nishto, theve brickless and almost fuellusis botlers are highly
 danaterous. and g've gardeners on inmense amount of that boilers constructed with suoh sarn. 4 l space for fuel, are toratly nufit for garden use $H$ Cansell, Wooler ch
Spring Gaxdens.-Everyode canaot have agarden like Civeden, buti most puraons, with two or thram gardeners, con have a very pretty apring garden, suoh an mine, nithoul dairiment to their summer one, nf beduank-ans
 ench bed juto three paris, in whi lime respectively, first, Myosolis, blute, secon ly, Crouls, large dead parple, which being in the centre it wider chan the Wy yosolis, sen complementarily witu the s ellow Crocus, and thirdty, Myosotis (s manve colonired onn) Interspermed with all are Egauiuths, red, pink, white, and

 of areen leareq Nomeritt [Tbis as pratinally carging out ibe prise ple we thuse ritten unved for toempination of winlor and spring cardeng an ompmevilun with gure of oter, namely, the arragement of the groand aind
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Fed Corrante - It ave this day forwarded) ond 1 m







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 Genem iftan om
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 of proteeting Few-hes and Sectarine, ought to havp Inciuded Apruvish sis far at curta, De are whement 1



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 tee tit the mint, as the joung wual on bear. 2 trices.





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 other F ris i have trimp fariuns mothode of extrart,
the seeds, and find the fultowing the most effectual Fix the mone it a Fice and sitw off about inch lop and iting ink puarien, wis ith must be meparatem intin
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pisisti- thas gear, tho lious mationa hat no mi ed bit it bore so hostily the two prepious feari from trees of my own plantiag, but haresectiog consular sble guatithes of moed to frownds mad sinta aurecr. men. Hidiord Berr Aldermastus, Feb $\because$



 to kn which if the Fecently-untroduced sorts- -eariy dinter ulnte Broecclis I meetn is most moxthy of ratioto - Tou

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ail us how lid broilathe evit if tsp dubler roots, from the others tud he
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## Garden Memoranda


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 The petals art pleved in the retort with a tasald quan.






## eharion Operations.

## (For the entung watik) <br> \section*{PLANT SHOLSEM.}

Tur benutiful kadoraulhescorrinea will now require Attention Cuttiogs that were struck in the sutumn. If proper care has betis thestomend upm in thesud duritiz tis




 gllowed to remand thus eboots ono week to mature the Fred disilk wh liska shltese The soil in which they



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lah uma, se in such * manere that they will prow








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SITR IS FT WFIt CMKDES
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 4 about the commentement or madde of April, and are then polted and puathed along quackiy, so soon a they are struck. This is 4 goxd thme-during a midd and moderately dry period to plant out Hollyheckeinto
 neoduent to asay, dermht in a deep, sood, and rieh soil.

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 and ras haz operations wero romp eted I havolately sfon trem in arden of some hittlo pretenaton ath atras cel and ungruned The infurionts effecta of nuets anyte of nazumence is not eavily jurken Top-dress

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The advantages of proasting NRW and UNADU1-TERATED SHEDS derect from the GROWERS eas,not be pter-eatronated.


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## CARTER'S GRASS SEEDS

Bpecially prepared for any description of Soil.
No 1. For FERTILE CLAY SOILS
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J. C. \& Co, hald one of the largest and best stocks of Grasses and Clovers in the country, and are row prepured to supply their Mirturea an abore, for the formation of flrat-rite Perianent Paatures.

Finest Quelity, per acre, 28s. to 32s.
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J. C. Asp CO . having now completed their arrangamenta for the setton, are prepared to execute orders the day after helag reecived. Large purohasers liberally trented

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the hardiest and best in cultivatiox
1., per lb. ; cheaper per bushel. CARTRR'S "PRIZE" TURNIFS ADd SIFEDES. CARTER'S "PRIZE" MANOEL WURZEL GARTER'S FLNE CLOYBR SEEDS.
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For particalars of the above chotee stocks, wee CaRTME'a "1lıatrated Farmer's Ualeudar for 1869.'


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RAYNBIRD, CALDECOTT, BAWTREE, DOWLING,


HALLETT" PEDIGREE CEEVALIBR BARLET


 12 quirtan per nexa.

F And F 8 BHARPE cen Wrer the Boed
H. sTOCKS of the chan offer the Trade some splendid



$B^{\text {ATH and WEST of PNGGAND }}$ 1) SOCIETY, WStabl.shed fiTh End
 TURES, sad Cuythercia,
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R ${ }^{\text {otal }}$ agricgltural society of england.

agricultural education
Tus EXAMINATIOY or CANDIDATEA for tho SOLETS F FDU. CATIUYAL PRIZES Will COMYENCK on TUESDAY, April 13.
 on appllicasion to
II. $\mathbf{x}$ JENKINS, Soaratary. 12, Hanorer Squere, London, W.

ROTAL AGRICLLTURAL SUCIETY OF ENGLAND.


Manceicster hemting 1869
stock and implemyst phize SLEETG are Kow Romidy, and will be formanded on spyilation to HESRY WIITHORTA, Esq.\& Loosl Bectennt, 98, King Strovt, Manchutar ; 6r

II M. JENEINS, Seotrourg.
13, Hanaver Squarr, London, WY
Che sgricultural Gatett.

SATURDAY, MARCF 13, 1869.

If from 20 to 30 tons of Sugar-Beet can be grown per acre, and disposed of on the spot at 1l. per ton, there 18 no question but thet engar farming will prove profitable. Doubtless durang the past geason as much or more could be got for common Mangel, but then the eeason was wholly oxcoptional Tho gugar-maker allows a maximum weight of 4 Ib . per root. List season Mr. Hawkiss, of Lavenham, grew 21 tone per aure, with roots areragiog $1 \frac{1}{2} 1 \mathrm{~b}$ a-ptece. Fíad they reschad 3 lb . he would have had 42 tona per acre; at 41 lb . they would have brought hus crop up to 56 tons per acre. His roots numbered 32,000 to the acre, or $152 \pm$ ronts to the ton.
The mode of cultare must stest cloar of two extremes-grobs feeding and starvation. The former is apt to produce water rather than sugar, and yet the root must have waight enough to pay. Apart from the question of sugat growing it is worthy of inquiry, how far farmers ere wise in growing those rangele that ara almost wholly aboveground, and whother, even for feeding purposea alome, the Sugar-Beot would not prove the more profitable " The chief feeding value of Mangel is derived from 1ts sugar. The question may be asked with great portinencewhether morefood might not bo grown by choosing a low-growing Sugat-Beet than a high-growing Mangol? For at seems that the part nboveground yielde scouring salts rather than nourishing and fattening sugar. In looking through the analyses of the Levenhsm crop we ware much struck with the wide range of the sugar percentage, the loweat being 3 and the highest 12 per cent, whle the sewage-fed root from Barking reached orer 13 per cent. Mr. FisI pointed ontat the meenarg of the Weet Suffolk Chamber the other dey that heats

297 and 288, and 261, Hıg Holbern, London, W.C.
in any grmat quantity was not rocold to dovelop takan thwarls oonverting the raw julem into sugar Ho found a Atronge comilirmatasts if the on looking ofre a puanber co athalytioty I'ros
 geelded 0.46 and $112 \leq$ prop cont reuprotately
 Fas is per eant. And rivita from the collear






 them-largn Mangela in whour water Thas ites. can at laset be readuly aupplemented from thr soarent purmp of ponil. We lom uothing by allow ing the hydraulic prosion to d.sperne the whter of nur bent In adlit. in to thin the augar-maker takea the mugar, that on as much ith he can ret of
 pulp or the erminan Menite ! (Whola root) ewhtelr.s the largest petcontagn of supar. lhut edmitimg that on I. me a reptain hincunt it

 dresteny a nothirg, esery partorio of thin Beat th moturned to the darmer, ixipt a errtais amtothit of stammar arit water A laralis ousth: of the


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 di, per truabed. Tho olemend reots aror then cyludrical urou cradle or washes; they are dolrored at than further end of the Waber olean and delifinml to tra raupiry Th oncertirt thon



 mith flannel bagn that juat hold the contationed this monure, and therr buribe in to onpty the rach buge flut botwewn twal plates of jonte: thean


 outupletios at oner, mat thay ga throngh a aeries
 Conrega tho juice utito a large tank After every

arrangem, inale tit bis tho reafusito hapght and re-pressed. And thint a freant many nro together.

From the last prow the baga are mirrad bark to one ond of the olearing whal, whenes that pulp is nmptiod into the pulp itom, ami l the fayk per

 Beot: it has eimply bean arparated, by "unomnt thery posed forward one otep nearer $t$; sugar into beef. The pulp, an it is called, might with grat proprouty bo called Boot bread.

 come and atitrizots food.
Srom thr well rioat tho hytranlic proase tho beot-jutioe is apendily lifted up to the top of the find threo large oopper teowels fatil of bret-inico
 onicers, and are reminded for the fitet time of Aingularly evaugh thon duty in lotied on tha


Liken therarta converting the raw juice into

 [hert wat $t$ ajrimilturnata, as it has long muggentend to Mr Ju: ${ }^{\circ}$ is that it might form the bland on thin $\mathrm{F}_{2} 15 \mathrm{r}=$ mode of psyment for the roots. The -ampla analyaed renfe from 3 to 18 per cent. in
 woill twe worth sole pur t, Now it would be NLur to keyp the rint of , wh growar by them neishad ari test tha efom tic pravity of the renjectise juires repmeratoly. This woidel atf ril ${ }^{a}$ I viseritul stimalus tes the diacurery of the best meany of increasing the mernantage of Bugar, ant at is juat prasible that the amount will ber stat furt her mereawed
Bist bert-juics is realily ilecomposend.
 hargue l.atr. l'mom a brixht pinksh it at onco
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 aril contat then tip tor the stafieferya dirty froth it sertiri ther boling ly stentr, the rlatar
 ar im in an thas lise juige is then agaturated \#ith carl s... 4 :l ${ }^{\circ}$ is (which throwa dowa han limi, filterial tarough nnimal charemal und otherwisn puratial, and all ther resaduam is thrown of. The sonm is benf through filtor-prosa, alt that is uanfil for angeirduhing cos for inantir, thil offered et the


 her" muli a it in way, that from this stage unnit of the proceawn sim at getting rid of the water, and changity the owcet liguil into rolld aggar honce it is eraporatod white in facunm, and after being roduced as muoh as consldermi tenarable, it is run into harrela and diapatchen to London, to be finelly converted into engar. It the marhitimy is driven by abam-power. The



 on the pratnises, and the worke are capabl.. of working up from sown to struo tons of Sugar Beet in abont three month:

It in one of the nebessithes of the mantufucture that the work ehould be continnous. Fresh rulays of workmen and women theroforo succeed each rthit might ant dig ()yer liof himla are

 pent.t, nfid much an active industry exmited just the itall seman of the gear, can hardly be manated. All atounil the factory thern all arr of bustlo and of buantess. Fibitors ar simar, aral tho Javenham foncriment will douht
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M Gforat: Virlig, of I'aris, bla rone nitly


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 fas Rhown, with silphate of atmonome in the Internatingat lixhibition of 180 resmarehna, aidl M, Beorit contined



 Licly, draw attention to the a conmatt. $+3 \ldots$ allee of has hisenwif, sperakiz. 't June, 145! t, the followision fer Cise to us, in thege lagentas of Travale, a most abutslant nowren of antinanas ant
 lecharaft.
heman witera wo have that tratking
 acsl from the suljatato if sition


 by treana ot an economical procopos." If bay silso slluded to the vast stores of ammonia



 peculiar salts of the lagoons and theit pis modes of production. Meanwhilo, at his -..

 on their facros, an with

Wo may wde that in the Pazin Bxh ${ }^{2}$ 1867, M. Coppr, the direotor of the

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agrealteral ar 1 prirn at mhat
 importance of this manufacture is condimay be gathered from an exporiment ma.

## M. BEoHr in 1862. He found that four 9 gind

 (or jets) in the neighboarhood of Travale yi ammonst ' [1, als, , hersod that the very urf Fith aulphata of armex mat ald that in en oconrs it combinstion with sulphata argit in the same neighbomrliood,
The above narcative will, we trust, have klon that we are indebted to M. Beoris, not in if the detention, gome jeara ago, of namane

 towards its prantucal railsa..te on At $/ \mathrm{l}$

## At Mark lane tha ararn trale hae tai <br> Faril tendenry throuthout the wrek 10 A.ina Baltic, Black Ses A Australis, Clifiorita live atock marlar on hlonday there was a hlort oul and former hay prices were <br>  <br> antiva $F$ no cilved am ithkt in is     

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 front of my lawn, vifality in the whole, as I have italed, Linying died wway

It Marlborntich SHeet Pintime Court, on Situr-

 frar. Ireland. f'he prosecution was undertianets at tho $1 / 1$ athee of the Society for the Provention of cructy
to inamas. Tha fact that the poutity were clesely packed during trangit was not denied, and the defence sel uf was the int $m$ or the tride Mitocsist were salled, who gave the eifer defen lant an rxiellient ocharector for humanity, an 1 whin statel that on sucha





 beaping duch and pease in laticed borem, in thble kesprg cennot and up, and seteral days without food or





## OUR LTVS STOCK

Wh have just recaived a copy of Mr. Bowly'

 [! Is itit wit then we talfit the Ellation of nis

 that tha rause of Mr lanmlys kale si wast of roum for tat wanderftills pirmithe heen, and be hase




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 the approaching sale.







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*netle last ratsingae of the hirginenthed.









 orte for the Rer C. W Holbench's herd: and loge







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 (aral 4wnety's show Thus, at vewrastle he watied !at


 trits shown of Leiocstor took the first place n monnmeting with the 1st prize Leicester ifn Th
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 (Werchol, but of that time it was going on mativise
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 by Mr, J Bydney vinva, the
TH: breeds of sheep cultivated in this country mas me divided mmonding to the charanter of the theer

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## Foreiga Correspondence

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-ever who have the skill to work If 1 - the Jifo js so different to ven ce, to, and the privations so man ! rhír doing 80; there is no $s$ coucd land with reasonable pood merant ope on good terms, and Wint enable them to purchase the or another. There is alpaya the means
coman on account of the gupposed is nos felt by the inhabitants. Fuel atheap. every one is prepared for ithe ©, and Cold briags snow, and snow md slejghing and alioighing every ruw of set amplos man and beast, ofes of sment.
T21- Winter infuenme $t f_{2}$, litending
in in irs.ar suster scalo
[. $1+17+2$, and your

 eer In Canada the pountry you se is slop zober, industrious, and us some unvoidable misfortune

## Societies.

Oumucil meating, which we partially Hua Were duly olouter the ensting three yenrs, in
he rokation, vix, Mr. Joseph it Irmplon, Northampton; Devizes,

Leeds nare
prie sheet for tho present
$=\cdots m=10$,

$\rightarrow$, 19

ohed, with the following prizes,
erit thenet $4=$ hlpren
-
for tha beas atogle aboep In
5, mot Soutbdowne, two
. Tis. one lor the hest arn of the disqualitication sats of Rule dentition is i as hen bean ine indionto the slewned inevre Aling infl an to bu pad by mon-
5ambint


 altered to February.
The Improvement Committee were re-mppointed, with the same power as heretofore.
It was ordered that the Club's advertisements be Insertad in the Field , wh-

The honorary socretary wis roquested to comma nicate with the Agreultural Hall Company in refer enoe to the docommodation in the new pig hall, and also as to tho sheep and pig pens, -the subjeot to be thear referred to the commititee appointed at the last Council io confer with tise Agripuitural Company
The thanks of the meeting Fere Foted to his Grace the Duke of Marloorough, President, and also on tis Grace having to leave), for their able conduct in the chtir.

## 4 いい


 on the scanty crops of that root for 1888), to efe on
 of Tazylorton, side -I am old enough
تhen Turnips were not cultivate. I whs amonmst the first to try a few in 1 thank was ammediately followed by growing for an fos that to have the whole fallow-breate in

 Turnip into can best be done by Rrasing tios whote or charf, and whon the catile fettening are untended or chaf, and whon the butcher, to add a portion of the beat quality of cake along with s small portion of bashed grain-bue cake song with simal portion of hasiad grain-bue

 pulping system, which is bot onjy econgomi al for
 taste sad flavour than whon the Turaipa are used


## 

 rape-cakes this oan be obvisted by mirung it

 al catice be in the callis-sard One great drumbabli in thir yuthinde of take is the adulteration which is f ta



 ing yards, is stilla very great drambaik Thiremsui
 cause. Oae on my caechoyarely hor is if very preat altogetnio. This, beneak for the baviag of food and the mone.
 ather jards I have roofed on all sodes of tho square, ons.de rem! is many iv an indirect way of saring food
 able cattleyards have hitherto in many farma been far too little attended to in this loealivy. Another very important feature in the laving of farm provender is tise proper hourng of soder lerpe straw bara or uhed. this I have found to be of great
 greas lus and wate, and altivetion of the Turnip "r 1 in :r of the most important features of modern 11wnaidr: To grow Turnips sucoessfully in clas
 wronst, and well manured. Tho bubstanco of to
 Atraw, wit1 tre didition of a mixtore of eshe
mixture for winterata:
 assog not to be expesed to the weather; good attention beiok al times
Mr Mr Macelan gat he could mever get him cows take kitad, los pulped Turnips. He was in the habit of was he fulnd them to be more nutritions, a lesa quan-
 much better. For datry cows he adrued hae usp of
 and, for feoding galtle, pulped Tumnpas and a little and, for feoding asitle, pulped rumipsent distillery
${ }^{\text {Hrateq}}$ Br. Buceanak, of Whitehouse-Fortamatoly, the
iid a kreat mamanofy helter at thas their liRut-ladd
 is $t$ all , Ir. Eney, Which is wine of
 polat whelher we have pat a cheaper mad more in . Mefore roing farther in ourcum-
 rown grain, and in particular Beans and Unta laking linseed-cake as the standard and leading sorts of its kind, we find the prive at I3l. per ton, while we have Beans at $11 l_{\text {. }} 10 \mathrm{~m}$, per ton, and Oats at abouk 02.10 s ; and the two mixed in equal quantides will cost about $10 \%$. 10 s per ton, benng thout $2 \%$. 10 s . per ton aheaper than linseed-cake. some may connider that nis st ! - quotations cake is the bert harkatr, but A trat ter rancmberod that we have the srain fure.








 arerniort ian and for purghara food hequance of the 1 nereased demand for purohared food the sofinhs tication of onlcakes, I regret to say, has recrised a greal izapitets. I hardly remember ang season io what 1 had to examine mo many infertor and aduiterated linacedcaker than in the past. Tho subjeot drarram the



 ally incorporate with feedrug cakes substanous wheh ap poitively poitonous to animata Undor oer present elrcumestances, bowever, I would prefor using on cur is inthe, n aldystion mixed chafi, or broken or cut traw (which in 50 generally abundaut on Carse farms)



 boiled in water, with chas,



 Fill find the raflese of theso added to the abore miztare to bo of erest werrios to this class of stock. In merand to the other der artine-nt of the minteriuF-Fiz., fod dor Ahatis we need met lee at ang loge with the present



MIr. CARAtce, of Buad, had to a mpe cake, oulcate Indian Corn-meal, and olluer triust, but amonken the Whole of thess thinga he hel foued nothing so beae form and mo coonomical for feering cattle as bean When too diucl. wan given to tho caltle, but when it bettur for than When mixed mitis littie chay it far mutar 1 puld atsthing else that had been montioned. - $r$ iotance wlal is oake? it is only refuase; it ic


 be sumencelleas, that nolhing could beat bean-incal wheu ar;ument was, that
Judioiousty applied. Curswa, acred [rute sereal of the
preakore which hard precoded him with regaid to the pulporg of Turnipg. He wes of opinion there was not much proft hy it, expacially on a modernto-lized farm He had winterel cati, tis hin.! mperake and siraw
 purpmand t" - ". is" "ran"orat" and vhn, and,




 statlik fite thet
 from the dimoussion, one spay in at fay ir of pulpiar
 reated largely. he thowit, i, was wheral) theys motylit

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 in the fiold exprosed to all the Tir the tors. mas well lnown that Turnipd were nerer mo mood afiet

## 3kevitus.

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- It is fon l ! - it at reary

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carly, and kind thiove carly, and kind thonk
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 if into tha ferbf in front of their the Beldes, thron poured kit fer poared kithen refusp, sustr x-ati4. No. By bengr kept - The lin mineur arl nastilizesita hecomen liberated.


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Whery - "Tho everne tuo of the sheep in Ireland bould bo lecreater proper stention on their breediar feeding

Wrom proper attention on their broeding feeding,


## Earm Memoranda







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froduce, and hal he disposed of his whole arop of




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Erodece is already disposed of

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Pitatia gTuliz

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Lose paid
Problt


## Cbe Woultry Yard.





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 apert of uporting is Reneral Men who sit quipetly by en! luina to the r.vil description of an anchecked and












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## catenotar of eptrations. <br> <br> Marcer Potato Planting for the ara

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## mapared in onils, or or 1

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## Fotices to Correspondents.




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Llonr tation in



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ary $p$ gen,

SUTTONS' GRASS SEEDS
For Al. Sulls,
A1, R1 SGOF FRFL,


[P1.1", 156:
MFSSRS. SUTTONS"
MLXTURES for PERMANENT PASTURE
PINEST (I EiNED GRISSES NND CLOVERS.


SUTTONS' BEST MIXTURES
FOR TEE FOLLOWING BOILS ,-
QTIPF f'LAY SOIJ.S, to be met with in the WIU AY Y LOAMS, of the same Formations, when
3. TOOD MEDIJBL LOAMS, op the Jarla of the Old


(y)IRP GRAVELEY SOLES, such as the Flut

WHALKY SOLLS, an the Mountan Limestrno, the
W WEEP I\}OWNS - Th, Flevated ona, mora Exposed


TEB MEADOWS, onl sil Lamd unjer Containıg 2 buahels of Grasis Beader, and 12Ib, Clovera



## SUTTONS CEEAPER HIXTURES,

20 to 268 fire acre. Carringe Fifen,
SUTTUNS "CEYSLA, PAIACB" MLXTCRE, for
 pushit S.on 2 ! li =hals [留 amm
SURTONB MIXTURES of GRASS and OLOVRB SERDN for

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\begin{aligned}
& \text { 1-yedre Lay, best quatity, 13s, 6\%, per acho. }
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$$ Bewna qualitio nheaper.

Si TTONS REXOV \&TING MLXTLRE for the nbore Wins ohould le sown watly in the Fpriag to produce u freat incrack in the quintity nad yrazty of Grass


Speoial Contracts made for large quantitivg.
Five per cand, allow formenk paymentr.

## SCTTON And EONS

BESDSMEN TO TEFE QCEEN, BEADHG, BERES

First Crop or Ringleader Pea


Farm geeds plrect from the Grower.
 CIISRLFA SHIRIFMEN Geeds MRICED TRADE FAVY Aus mithe GAclDES SEEDS oan

CHARLERS 8HARPE ANO Co nie nhiw prepared to C GATSL:S Planta, to be sola, cheap.
 Stin me what



QTTON \& Soice Potatas for Plarting.




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## NeT 蝠d Blpertor Farm Saeds.

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H HANCIS E AR. HLH MithSUN \& SONS,
 pRICED Deschative cataluide of fakm heeds













 Tombe mik fixt























GRAY＇S OVAL TUBULAR BOLLER．
INTERNATIONAL EXEIBITION，Class LX．，No． 2110.
 NEW OYAL TUBULAE BOLLERE，
Ir practical judipes to be a great improvemont an every form of Tubular Boiler yet introducodt． Sinte smoant requured by nay other．－Cicty of International Exhibiton，May 24，1802，page 476.




Trivy er mado of all stith，which，woth prien，may be had on application．
JAMES GRAY，HORTICULTURAL WORKS，
TIIRS STREET，PAULTON＇S SQUARE，KING＇S ROAD，CEELSEA，S．W．
POBTABLE AND FIXED HOT－WATER APPARATUS，


## TRUSS＇S PATENT

UNIVERSAL FLEXIBLE AND LEAKLESS PIPE－JOINTS．
Horticultural Duildings of every deseription fro
Gd．per foot sxpperficull，weluary of Brickwork．
Bath and Gas Forr erected in town or country．
 The Trade Supplied．

Price Litts，Plans，and Entimuter formerdel on application to
IS triss，C．e．，Conselimg Hobtipultdral Engineer，\＆c．，Sole Mantfacturer， IRON MERCEANT and HORTIOULYUZAL BULDER，
FRLAR STREET，BLAOKFRTARS ROAD，LONDON，S，E．

## ARTIFICIAL

STONE， INYENTED 1826.

Try saperfority of this material to all others for damp sitaduons and its durabilitr under the moct intense frost beiog now induputable and attested by its extennive use in Sootland and Mrama，as mell a the principal country seate of England，attention is invited to the following suromary of tho work manufeotured with it，a varet unprecedented in ony other establishment of past or present tumes－ VASES，
about 300 different kinds，at from 10 s．to seso． FOUNTAINS，
more than 800 deaigne，from $\$ 10$ to $£ 400$ ． 1ORTEFLEURS，or low FLOWER BASINS，for taw ；STATUES， rotiate and moders．SMALL FIGURES，Rdapted to galustrading， \＆o FIGURES of ANIMALS and BLRDS，about 70 kInds．SUN－ DIAL PEDBSTAES，nbout 20 deaigns；BASKETS，from 1 to 17 foet DIAL PE GARDE NEATS of substantial nachatectural charicter， diameter，GAROEN SEAS SHELLS for water or roek plante，from 1 to 14 feet whd ，FLOWER BUXEE，for windowa or paren ele TAPTISMAL FONTS，from 2 to 15 puincaa；CRESTS nid other TERMENALS，for gate－ptere，BALUSTRADLNG，to enit all styles TERMNALS，for gar－prere bity of dimental PRDESTALS， GOTHIC CROSSES，PLNNACLES，and NICRES ；EDGING for GOIHIC C
2［ATA AND SEELEY，N心，30＇J－3＇土，EUSTON ROAD，REGENT＇S PARK．


## 1PROOF OF THE SUPERIORITY OF THE THRESHING MAĆGINERY

Matopacruged my

## CLAYTON，SHUTTLEWORTH \＆CO．，

They beg to call attertion to the following statement．

wis Mas was anaried them nt the Pans Exhibiton，1867，for Portable Engines and Threshung Marbines





GAFTON，SETJTLEWORTH，AND CO．，STAMP END WORKS，LINCOLN ； GTALUGCES and T8，LOMBARD STREET，LONDON，E．C．
GILLGGES ATD BYERY LYFORNATION FORWARDRD POST FREE，
 IESSRS IEREMAN AND HORTOS hay Min Laken



H OL－WATER APPAKATUS of every desonplon －1 Ixied cormplete in any nart nf the conntry，Ir Warmul

BLNSIUN S FALEA GLASS BLILDIAGES for










200 CTC．Matas an Mrioy boxes and




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 EOTEPDNES
CONSNEFATOR1ES， CHOROLES． PLELIC HUTLDIAOS，ta Fbotern pree，Eilhowl，T





 Ferlptlon and mise LYNCH WEITK，

Old Bargs Ifon Wharf，Upper Gromd Streak，Iondon，施E．

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SYPHONS＂ $\qquad$
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THE TANNED LEATHER COMPASY,












L AYM MUW ERS REPABED, on Lit Prumben, D
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THE "AUTONATONS"
Are guaranteed to purform thar work perfeall, end if not ap. proseli may be returned withina month J'bey arr casy to work haht 1, draspht, almonst twomeless and betng driven by machinenumde goaring ars mot hable to $\mathrm{g} t$ out of ordor.

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PRICES-INCLCDING CIRIRIATE TO ANY RAILWAY STATION OR SHIPPING POIRT TN THE KINGDOML SHANES'B NEW PATENT EAND HAOHINE.



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 $1-11, \backslash G_{2}$ for Shinding Plants
 anches mide, Thd por yard, and



 Hesire your Trees from Prosk PDOM Natin Trar and Hick clotra

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F. A- HAAGEA WOOD GARDEN STICKS and



नOWLER'S PATENT STEAM PLOUGH If and CULTVATOR may bo SEEN at Woek da ofery
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COTTAM'S PATENT PORTABLE UNITED

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## salts in Altetions.

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> H/R. J. C STEYENS seeds






## Gardy Plants from surrey

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 CAMELLJAS, IXDIAKAZALRAS, RHODODENDRONSROSEA
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# NOISELESS LAWN WOWING, ROLLING, and COLLECTING MACHERS, 

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> 1at. Simplicity of Construction, every part baing free of acceas,
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TRE II DE 1MRK GARDFNA
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TIE LIFERPGOL HOTANJC GARDENG T1HE LEENSROV 4L FARE


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and in most of the principal farks, squares, etc., in the united kingdom.

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have prownd to be tho beat, and covind of emry Pries that has Som given in all catren of competution.

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T. GREEN \& SMI Warrutat enery 3 yoction ath rulare satuffertion, कht opprowed of atay of titu uneomedhenally.
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 Machine wink cuf oqual to new. Arragementa sre mado that the cylinder oun be reversed, by any inczparienced person, in two or three manateo.

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 proviling themselves with Lawn Mowern are recommended to procehnso the cascs in which to stow them awny, when got in une, to prevont tham from getarg dianth Futurned, twothirle witl be enthmed for themo
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## SATURDAY，MARCH 20.

Pritcens Roys in the Brishtost of the How Colous． （1HAELEB TLENEK purchas 3 thir insuttrul raricty．
NEW CuliEUS．－The 12 new Coleas of Uhe Hoyal





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FITE THULSAAL HLANTS of thr best NEW


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A ANETTL and RHODOLENINRON STOCLE－
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B．FLOTLLAME $8^{3}$ DERBCRIFTVE GATALOGUE of


TEW and GENLLNE AGRICGLTURALAOd GARJKN

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## To Poriont Bulldine Large Conatritiont

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A LCUBA POLLEN－Ude dozen 1 lumen fot 1 f ，Fois
$A$ dot for
Frat Ptooll－Beantinat Epoctmang．
THUJA AUREA， 5 fan hizb， 3 fet dimmeter－
THE GOLIUEN AKBCRR－VITA，THITAA AL KR，

To the Trade and Ofinera．
PALMS－Orderit now tom kry bitt and pries as





WORBST TRERS and 8HRUBEB．－CATALOGUBS of


STBUNG THANSPLANTRD UELCK， 10. ．Bas，nDd

NATIVE かCUTCH FIK，Irtroplenked ang Seedung
For tiadeprice apply to


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CITTONS＇GRASS SREDS for ATL．SOLLS．

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 Apricuttural Gind Garden seos．


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## KNAP HILL NURSERY, WOKING. SURREY.

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## FOLLOWING LIST to the NOTICE of INTENDING PLANTER

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SORSECERSTSUTS COAFINS, to to tr tod


HEACRI, PURPLE, to 15 fadt high DELIDUOUS CYPBERS, 8 to II PGok LOHEABDY POPLAHES, 10 to 18 foot




 TRERS AIIU AHROBS.

## A PRICED AND DESCRIPTIVE CATALOQUE <br> Will be forwarded on appliention.

 No Catalogro om adequately repretent such a Stock.
 all times bo deperided on.

mory whth the expouss of packaje.
AFTHONT WATERERE, KNAP HITL FURSETR, WOKING, StRRET

## IRTHUR HENDERSON \& CO.'S FLOWER SEED NOVELTIES FOR 1869.

## Abronis arenaria.

$\qquad$
 C2
eams cols ronea, dwarf-fringed Lilac.


Lgustamma, dwarf-fringed Flose.

Amaranthus bicolor ruber.




## tmaranthus speciosus aureus





## Arabia arenosa

Apet tping finwer, the rengon of sta belos bo


Bouguet Perfection (Schilla Aster).



Asperula azurea aetoas.


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## Bturs fontuone Epberient.

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Warigold, Dwarf French New Golden.
A pare godeo dwart Mench Marigold. Fory dooble and contant.

## 北imulus repens.





 morths.

## Modiola geranioides






Nierembergia fratescens.


## Oxalis valdiviana

It is qualto hardy, the heblt 18 compacts and yood, and it throws its



## Palava fiexuosa.

Thes most benutifu andua, is obo of the finest introturtions
 abova thg talage tes leafer nra very neat and griceflu, co mur bright


Rerilla nankinensis foliis variegatia.


Polafoxia Hoozeriana.
A bodutifut roso-fomering erertasting l'er phetiot. of
Portulace हrandiflora flore-pleno

> TDOIRLIT PutTulaca



## Potentilla.




## Pyrethrum (Golden Featiner).



## Solanum capsiosetrum Eendersonii.






## Tronapia Fan Folrami.

Thtin spiepdid and beautifil Ctlmber wa and offor hood of it if ono
or tha inizet of thin triba, rrer to nower of mary montbs cint itw
Trachelhum caraescens, tesh-coloured flowers hac-coloured flowers.


## Viola lotea


 Thue plat has quaiution adtaptod for bedding parposes, which mhon


## Viscaria oculata, Dwarf Perfection.




Vieceria elegans picte.



## Waitzia Steetzians.




## Wigendis vigieri.

Thil is ond of our bast larso vinamentat learsad parta, equal,


## Zannesia 鯃ericang.






PINE APPLE PLAOE, MAIDA VALE, LONDON, W

A LFRED FRYDR Tricolor Oefoniume



 Caszon st Sor, Gravel Walk Nursers, Polathormatio






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(YHOLCE FENAS. LOMaris gihbon Cyrtomium


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## To the Trade







 Nurwortes, Huntingion.

Kew Fonal Ceraniams of 1868, and Dorbla Vametien
F OOD AND INGRAM offer the followang fite




DUCBIKFLOWERINU YARIETIRS


Or the dix minction for Be., pinckage included
F. ADDA, SMITH, nrite the attention of mintending




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DELARGONIUMS -Gliare de Naney, double, Dice


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TEWLS B. WOODTHORPE





##  <br> ELTTONACOMPLETE COLLECTIONG for the FLOWEP




ANB A. SMITH beg to announce thrt their

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LODUE of GENERAL NURSEHY sTrock in now ravily and turserer



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HOBERT PARKER legr to antoriftce that





FTM. PADL Fegs to phnousce chat his NEW






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## UNIVERSALLY ADMIRED WINTER AND SPRING FLOWERING PLIN

Ho man with oonfidmos offer it as being onequalled in tolnvaion
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Which are much superior to those sent aut by him lost season, being saved from the phats extiluw Mr. Waggans, at the Metang of the Royal Horticultural Society, at Kensangton, on Tuesday late (Pet)
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Tas bubit of the above anost beautiful Tricolor is compact and expeedingly free; the leares, wheh we substance and moderately large, are almest round, and from the slight convexity of their phape they thibe a


 with a bight perpon-yellow it is wome rhinl unee the suy bait and Thumb, wh
the puble.
THE FOLLOWING NDNE BPLSNDLD NEW DOUBLE GSRANLUMS FOR 10

MADAME BONDET
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Togather with meny other Notelties of sterlmg merit, will be dintributed on and atter the 30th of Apcit
For Descriptions and Prues of the above, soe BPRING CATALOGUE of NBW and GHOICE SOFT. Trow PLaNTS for 1869, which will be sent Grats and Post Free on application to THE NURSERIES, TOOTING, LONDON, S.W.

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THE FOLLOWIDG APECKATITY:AS SUPPLIFD AT THE CATALOGUE HIT OB SPEOLAL OPPRR FOR LARGE QUANTITLES. direction no to onlture. preah Seed now realy to and out, in pode containusg from an to 50 onh

 ivinins iti beautiful golden hue longer than if propargated by cutungs or divisions.



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 PRYOLA ARED.
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CENTAOREA CANDIDISGIMA (RAOUSDAM
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GALSAM BEED, Drases doable varotic
VIOLA COH NUTA GKGD, PURPLE QUKEN-TM MOOSOTLA SYLYATICA SEYZD, Hy fom

SUETROPICAL PLANT BEBDA
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1 and sot hare now a charming Show int the "Old" Nurserise, of FORCED noses and oilher Fiveth One mle from Cheshunt Stalion, Great Eastern Railway.

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Thit abora will gumoo to thow that wbile A. \& A. hid with mation-



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TCTORLA and Paradise nurseries, UPPER hoLloway, LONDON, N., mowily rerite the Yobiluty and Grntry about to furmith their Conservatories, Greenhowees, Stoves, or Orehus-houses, to an intpection of hin

## BTOCK OF MAGNIFICENT SPECIMEN PLANTS,

MAFE OF WEICT ARE UNEQUALLED IN THIS COOTTRT.

## THEY CONSIST OF -


TRALENTAL FOLIAB, $A Z A L E A S$, nud All other kinde of STOFE and GREENHOUSE, FLOWEX-

- he COSSERYATORY, PI PIANTS, proved to be wortby of culturation.



siones and ORCBID. HOUSES are also very atractive and intereatiog yut now, with blooms of

5ha PLATTS of MELICAN PLANT8 15 surpassed only by that of Kuw Gardens.
of whoch of iterling merst are ndded to the Collection as roon ns procurable, and may be reen here,


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[^18]Now Redding Plant-Echeveria motalice. Ent WILLiAMS 13 muw onabled to oflice for the


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T. HANDASTDE AND DAVIISON hare a latge



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JOHN CRANSTON Roses. hap to formird on
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 Flonal Nursorg, Bailthhin, Sussez.
Camations and Pleote
Y EORGE EUWARDS' COtLECTION of the above



OLDEN FEATHER ITERETHRUM,





 Golden Coleus, Queen Vhctoria

11SSRS. JOHN AND CHARLES LEE are now




 Priver 7. sd

DOWNIE, LAHEW, Golden coleus.



> Naw colden Coleng OWNIE, LATRl), AND LANG, hare much pleasure $\underset{ }{\pi}$ mitah
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## Ferbenas Yerbeng

A Li, the LEAliNG VABIETIES of 1868 , albo A Purghe Whito kagrlot and Piok, with pronts or Cuthigge, at

Gro suith's Nofready
GRO SUIITH'S PHLCLD $D$ Rnc DESCRIPTIVE




Tollingten K urmaty, Hotmey Rowd, Inlington, Londor, is.

## ALPINE AND HERBACEOUS PLANTS.

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NEW CATALOGUE 134 pp.) IS NOW READY, AND WILL BE SENT FOR SLX STAMPG, AND FREE TO PURCHASERS,

It contans bref anstructions respecting Culture, and deseribes many finu addiliona if grent materest and Amonggt these nay be tamed CEATAUKEA UNFLORA, DLANTHUS NLGLECTUS, ADONIS PYRBM


YORK NOPRERIES.-March 6 GLAC'CESCESE, SENECIO ABGENTELS, SILENL VIRGINICA, Eb.

## CHOIGE

## MESSRS. VEITCH \& SONS,

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have muct plfasure in ansocnclig teat they have secuhed serds of tie best and most admired

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Consiating of bhawy varieters of eqsy growth，which will impart a suy appearance to tho Flower Garden nt ：moderste cost．

## COLLEOTLON A．

Price 10s．6d．（post free for 110．），contains
An A cortmant of 12 choinest $\begin{gathered}\text { ar，FBRNCH ASTER．}\end{gathered}$
16 ＂$\quad$ GERMAN STOCK
12 showy HARDT DWARF ANNUAYS，neluting Tom Thumb Nitaturtium，Baponarion，Bluo Jemophitin， ${ }_{81} c_{4}$ \＆
12 thow TRNDBR ANNUALB（to ko gown in fromes， and thea trangpianted，or nown in the open boriesm at the end of April）for Bumpater and Autumi blowe－ ngg，maluding oboide Phlox Drummondi，Bamana， Zinning ac．，\＄te．


## COLLDCHION Cas

Frice 218．（post free for 21s．6d．），contrins An Asoortmant of 12 choucest var．FRENCH $\triangle$ St＇ER．

16 GERMAN STOCK
Dwarf Stark－flownted LARKSPUR．
6 cholont SYBRLABTING FLOWERS and ORISA－ MENTAL GRAS8ES for Wioter Bauqueta，
6 ahowy NEW ANNUALS for Bedding
18 mow HARDY DWARY ANNUALB，ineluding Tom Tturab Nastortium，太aponarin，Bluo Nomophits， Con，部。
15 show TREDER ANNUAES（to be zorti fin frames， and chon trazaplanted，or nownin in the opeas borters as the end of April）for Eumnuer and Autump blooming， includiot shoioo Phlox Drumimondi，Balana，Oeloasa， the new smaranthur ruber，Perilla mankinemaik
6 HABDY PERENNLALS for Automa and Sprimg Bloomang，includug Hollyhoct，Walliower Grii－ lardia，Alywum masetile，\＆e．
 25 ． 1. Hardy Amuals，ban ；yost tree，of ea Any of the ubove forwarded on recelpt of Past－ofice Order． PRICE LISTS Gratus and $\mathcal{P}_{\text {ost }}$ Fret．

JAMES OARTRR Axp CO．，
237 AND 288，HIGH HOLDORN，LONDON，W C．

OHN SALTER AXH SUN Jo ${ }^{10}$ anpounce that CHGYAE CATALLGE Tra stanpas．Nursery，Wulism Strat，Vile Mece，Hammenamith，

## Brition Fern Catalogue．

$\mathrm{R}^{\text {OBERT }}$ SIM With Bend，post free for six poatage

 1．Protin Cray Nuriors，sidetup Bul，Mopt．



D PSSRE JOHN AND CHARLLES LEE Wilt gife


 are wach－Kogel Yinapht Nurtory and somd Emalishment Hamoorn
（方䨿AND NARLUNAL HOHTLOULTUMAL



 19 Capo Heaths

THE MANCHESTER BOTA VIC SUCIBTYS PHEZLS
I\＃Fratile Orchly $\qquad$ 218 Plants

## 10 Azalems

10 Ronain Polargonturns
EKTAIES CLOHE MA
ELTALES CLOBE OD MAY゙1
 Bornape Garkloc，Mnachomer． bruos mimblat

The Garmenegiethonicle． BATURDAY，MABCH 20， 1869.

## NeyEb，except in the bolb－felde of Haarlem，

 Hyacnsias as that which greeted the visitors to the firat gpring show at Kansington on Satur－
 region，as we learn from．tho Dutch growers who cume over to witness the compotition herc， sach splendid cultivatiou，ard such noble spe－ cimens as those displayed by our ohsmpion growere，PACL and CirBTSIf，are not to be expected，indeed，fur the chef honoums at was， nith them，a netk andleck rae throunchu it，urd at must have bean no easy task to deorle betmenta the morits of the rival collectouts．We wroty also glad to see that the wnalow－grown plants showed signs it improvement，thongh wo are further bound to rellaris that thas eluey rexures，
if pasablo，to bo hedged round with greater security for the protection of those who show plants reaily grown in pindows．We are by no means oartan that it would not be better to confine the compention in this olass to ladies．
Our principal object，owever，in comment－ ung on this wouderful dis lay，is to notice a fery buccessfil fature，introlused by tho butb－ growers of Hollasd thomselves．A s．untiar of thee gentlemen，at the matance of Mr．Wiiri－ IXG and Mr．W．Patt，aubscribed a prize fund of some 43 grumetre，whoin was allotted in six hand－ some prizes，of which four were offered for collectrons of 36 kinjo of Hyamatha，and 4 wo for colloctions of 3611 yacmens in 12 hads Fur the latter set of pires there mere fuat compatars， and for tho formur no fower than eugbt－a fact going far to emifirm and cynum wt have always hold，that the menduction of seneral prizes in a clas bas a racest stumulatiog effect on the competition．Thuts these Inutch pirase were the meane of bringeng to the show no fesser than te dozen（432）well grown Hyacinthe，addang greatly to 1 ta beauty，and at the samo twee，it canuot be doubted，stimulating to a fery great extent the growth of balbs in this country，sull the consequont demand for them from llolland．
Now，we see no reason why sumething of the same plan might not he carried out in the cnse of Cumelliss，with equal advantage to the prom ducers of these plants suppoe that in Belgium， whech is douthlers the hmid－quarters of the manufacture of Camellung，thr growers of theso plants were to subaribe，as the Dutch bulb－ growora bave done， 10 orler to rase a fuw hand－ tome prize for Camellias of a marketable auza， can it be doubted that they would at one and the
mame time orpase a powerful stimulat to the Camellin trade, and add a most dosurable feat to onr early shows? Somehow or other, whle Camellins are ahown so freely and so well at the Belgits spring showis, we here fail to get them i:1 any considerable number, or of euperiox prulity. We should gledly see mov stimulus

 would also be certain to work beneficial results in respect to thoge who produce these plents for the ratiat. Kay we mugerat that an attempt
 epring shows of 1870?
 futury I.t wa whit ibat nis e wha Jown kT wora

 put Hinses. hosas, though ever charming, are netres $s$ charming as during the earlior months

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 propned Manchystre Merti Nos, to which frequent allumon has alreads been mado in our columas

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mumpmucth lo the pressure on our spaco from
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 anding the list week in August. Some of the prinesp!

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aucoess we may atata that some of the Frenoli growers uooess, we may atata that some of the Frenoh growers
bitwe aifel ly int:mstel the $z$, ntratinn of pubibitinz


## SURFACE CROPPING VINE BORDEIL

 tidguthed fruit-grower as Mr. D. Thomeon has not theofy neither am I amare of ever hating sooused him of doing Eo. What I have a fretted to at p. 190 is not 3 thenry ak all, but the procti e nf rarface aropping whustrued aroherfield, ard dewribed erd rum
 and ziny facti mopernine the charterter and astent of thi- borrders mere derivent when. From the writer
 Ving-borders, as Mr. Thomson aftros, I can only plead suilty of quoting it qerbadis.
At p. 282 of the Gondenery Chromielo two manme





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 that wriax cis uo arm, bat 1 latace with injury to lut plants, Thicy
 ron lhrougb without soaking inte
of mach m(Tiuss nuary is done te wsue \& , I - mery occays, manally necur nom to a plan: here sha teero, but of oulhrated cround to the extent -ill rorts in a 1 mer-pot or carth ued in lawer-t nts trise worm canaly
 chis to rust through theer til ies, carfes with it e batt sa of the pot, and eventually and t.ent ine ruots tud themselress plaut but an is, uatie whil sulimit to
tay definded wrus from the elarges
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- and
 shet heapy ra is Ift thezal meditate upon


 ires is y to to masto lend, but inje e !, harrr wed, nad well bexmo a tolerably good laver of moarl and cindert 1) at the or pinal treaty earth
 prearame in all cases was as if tho D at ponsthle that they conld siak Wrobible that remald in a compto the burface sint af ilae cotrild, abould Eejr arate in so short objente which, with accumis ste frepe The sutlior hoes on trifin as tite suetity ingy haly iaused ly earth-morme. belween the bledes of Cornss 12 d 3 litile heap of 2 jriches square a*zinu the finer forth-chate of on y of line erprth that the wormme buned beqeath a a arcumula-
andiry to funte any of the other aficumed to a tiow that the much ant (hnar of graat mervioe in loomen

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ite ort it r ader in form 1 tesented by
 mit better but fie ravti eni grosto to trone What marded is impasable by mome

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these protend plants, but if the structure as not correctly romdered in a drawamR it is wotae than
uselese, as no colouring will redeem it. At the rifk of
 se parts of the flower consist of a Rermen, of orpe? surwounted by three sepsis, two petals, a itp, and a



As Orchad fawers aro bo very irrezular an the relalise aze of their parts, and especially so is regards the lip. the best way is to measure one pert by anotber, add, it a front view of a large flower begren. a perpendicular ine should be made, or mammed, through the centres, and alao trmbaversiones, as gujdea for sha pose of the petals, de.

 nliould be gurfed by the fropt flowers an hos drawing,

 lected is the junction of theflomer-ata) sad colame the wiy to por the way to preveat ay hatch for form the outhe of the kermen and fower-stals brough
the back of the columa, is in the right-hand figure.


IJtaviluga of the suabler speciest of Urchads are of inttle scientific vilue whthout stawer mad magatied repromontations of thi parta, as the amaller they wre the more cuftous 18 often thar atructure
In mamatied partians of amplo fowered species, it is meneraly enough to give e side and front wien of the lip and colnman, but in some ciskes it is nocmsary to pull the floweraspoder, is order to represent jurls otherwise hidden. If the flower or the partis be just large enoupts to be comprehended by the nared eye withort a lens, it would be as well for the mrtist to regard it with one eye only, or he will find if be sketches it se seen with both eyem, that hosens mound the marmers, and allapt to conamat an offor sminat to that of represent.1) both ands of a drum as bisible from the same pornt of view In the next mut I offer at setch of an Orehid, to show how to fill a pheet of paper at tostefuly as the plat will alou so as to learo no unnenensery sacant ppace wome Orchids are very unmsanmenble in thes respect


If the poedudobulba are compreased, il 18 as wel to how the Howtring one edgewise, so as to bave varirty In the powtion of the lentes, siz, a front and berk wies of them, the saro may be sasid alon of the eprakes of flower. After deciding wherce the Fpike shoul
recorutuen! that the attachmeat of the fluwer+ctalks mould be ticked of amblhat a line coutinuous with the stakin wo carries through the flower faintly to the columa, whis brioud be fut in firat as the axis, then ri ference to it lis foil wane correctly gilaced with riference to it lis forin wine tha shapho gan the f wers, thourh tiey may ...e the flomer-xtalh, will be


## PTANT PORTRAITS.










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f'vicmoniacen.









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## 3zome correspondeute

The Vues et Cunbe Abbey - Duriof the hot sunimer of IEGiy it was very remarkabla that the deave in the tite here were tmusully heaithy, strong allafree from enider When the most ahudy wall in Lu phrubbery wis too kit to be comfortable, an agree nbe promenode cruld bo found from one end of the finery ranke to the ot ber A rule wa obserted Este ar rioty adtered to was to f.ve an ahumdence of froal 14d buck anp, and heep damp anl kurface e, but mever is wet the lestes of the thes whisis the frat wh
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## Societies.


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## The Aptary.







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## Garden Memorands.

l.tptom. the beat or heb Crestos romidided from? 241 , Mountar a sbart Commadi view of the mule ternas the sallar a the park, and a woal on tha nppoith do of Lis hith ar ine aremtion of the kimboa grideti. The garden, ind, in temi, the catire Auproulatins

 terruna bil a mak leares tho further end of uh and meander amas throuzh a mitier nitens.re cood on fione frourd, unthi we cudfoniy cirae with o sound and oubt of the was on! finn bay an! town of Turysyy,






 mithent the roundress of his judgment in layins a and trindation for the utilsties of horticultare. The oit istim uspod, the proparation has beon mbet a.abmato, ead, under the alilful culture of Mr Eintime, who furathed and phatied the Mrion Lbe ravales firm al hinl could ba cenirod The produo of al sitads whe drounts, and the erope of frut, both in the housen, on the walls, nod to the open, toint mefo 5 be pronosacol pe idiciout The and don in divelied into two portions - the frust garion and the regateble erilan sood Eide dipe of around are aleo cermed a round oubide the rable for cultural pur-
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 and hatpmess of the gratener gives the flaishing charra l. the enjoyment, of the gavden itself and ite










## Obituary.

WI hiva to announce with regret the denth of Mr. Chow on the loch inat, at Wreat Park, Ifodfordishire
 blop at the metropoliten and other ahowi, and $=11 \mathrm{bm}$



 Grepe, the thas Mumat of Alesandris which hel boome rery mearoe. and the reaupeatrace of whit hel romed with crana matuffetion In $1 \times 3 \mathrm{j}$ Mr we commined in lay out and remodel the now estensum gredent and plensure-rounds at W'rest part for the Ete Rart de Grey, and, wo need carmily add, wht croat mucow

## Carden Bperattons.

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FARDY VIADMR G GRDEX.
I hate sirealy nuxxested thet Climbing Plants atianhed to mill and trellis-morl, do., should have boen previourly pruned and fatened in. Whore this hould be donac a arming tender a reminder that it matar ne prona quathely every day a delay in the to derretion the r stretigth

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## Noticen to Correspordente.



䗑 The adouatages of procuring NEW and UNADUL－ TERATED SERilS direet from the GROWERS camot be orer－estemated．

$237^{\circ}, 238$ ，and 261, HIGH HOLBORN，LONDON，W．C．

## SEED FARMS：

JUPV，HILL FARM，DEDHAM，VSSEX GODS HOLSE FARS，ST，RMYTLI FMAPX EAST HOUBE FARS，
THE GEED FARM，ST USITH，EMSH：

HIEGROTY FARM SEEDS， CABRIAGE FREE
COM TAE GROWERS TIIE BEST MEANS －
 － HOSS \＆RAKD Disticct Varieti


SDTTONS
HBT YISLOW INTERMEDIATE，
－unaitr shipa of the roots，nad toe leswan beitg atnall，
 M In 触 yar lb；；muat oherper by cwt． Whilong exculent arts can ulso bo supplied－




trey of the ret．Lowest jrice on application． Hour BEET（Sow 8lb．per acre）．

 hayeer bu th nwt
DITONS PHIZE SWEDE SEED．
tave 昰T STEDE a cultivation as


SDTRONS CHADPION．








## GARTER＇S GRASS SEEDS

Spectally frepated for myery pescritption of Soll，AE Sepriard to
H．M G．MJESIT THE QCFFY



 THP MRY大AL PALLEE CusicAYY


Finest Quality，per acre，28s．to 32a． Second Quality，per acre，20s．to 26s． Large purchumers liberally treated．

CARTER＇S IMPERLAL SWEDE， （See Illustration，page 246，of Gardenery＇Chromicte， March 6，1869．）

THE EARDTEST AND BEST IN CULTIVATIOA．
Ia，per lb．；cheaper per bushel． CARTER＇S＂PHIZE＊TURNIPS and SWEDES． Caldter＇s＂PRIZE＂MANGEL，FURZEL CARTER＇S FINE OLOVER 8ELDS．
CARTER＇S IMPERIAL GKEEN KOHL RABL．
I or partculars of the alowe chaire ntocks，see Cartra＇n ＂11lugerated F＂armet＇s Calanjar for 1909 ＂
 Price per Owt．on application．
Testmonill from P．Diacon，Eeq．，Adereolt Howe， South Tavtex．
＂I beve a pplendid arop of Warden Mangel，I eomider it the bent I have ever gropm．＂

For full information on the Laying Down and fter－treatment of Grum lands，wee CARTER＇S
farmerts calendar for 1869

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Pont Free ed．；Gratim to Custotuern．
JAMES CARTRE ATD CO．


H．AND F．SHA AM＇tican ofer the lrade mome bplequid


Seeds Diract from the Growers the befi mears of



IRAYBLRD，CALDECUTT，BAWTREE，DUWLING



Halletr＇s pedgres chevalier＂barlet








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Cocomin，seotrary．
RUYAL AUKILULIUKAL SUELETY Of ENGLAND．


MANCERETER YMRTINO，IADP．
stock and Implement prize SHEETS aro Kow Rends，wid will be forwarded os Appllotiots to HENBY WIETTWORTB，Eaq．，Lookl Socruary， 21，Eing ftrath，Mancheter ；or

H 3．Jesiniss，Socrobery
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## The sixticultural Gazette．

 SATCRDAY，MARCHI 20， 1869.


A Paper on the Food Statiatics of the Cot＇stry in 1868 was read on Tueeday eveniag before the Statistical Somioty，By Mr．Catrd． the subject in all its bearings includes，of course， the whole field open to the writera and readers of the Agricultural Giazelte，and we heve therofore given the whole of Mr．Caird＇s discussion of it in the following pages．The tabular statements issued by the Board of Trade on this and other departments of British indostry need mome amanal exposition of the kind which Mr．Catrop hns given us durng the past two yeare，in onder to the full appreciation of their leasons．
Figures，like piotures，are of comrse the tarsest of all Writingas；and nouns aubstantive being thair only．part of apeech，the verbs and adjectives by which their lessons can alone be foll have to be supphed by therrexpounder．The story as listoned to is thus much longer than the story seen，and it was therefore to only a few of the points illustrated by Mr．Fonblanace＇s Blue Book that Mr．Cairn could direct our attention． His peper first referred to the justification which his previous estimates，founded on the Agncul－ tural Statistios of $186^{-}$，have recerved during 1568．The foreign supply which we needed that jear for the pronision of sufficient bread during the harrest year，had beon calculated at $9,600,000$ qra．－the actual receipts were $9,609,000$ qras．，if the year Fere taken from August to August； $9,293,000$ if it were taken from Sep－ tember to Septamber－hthus justrfying the eati－ mante，not only of the crop，but of anotber very important element in all such calculations the possible saving in the consumpton of the breed of a country during a penod of high prices． This $1 s$ much less than has been generally magined．Bread is the last item of consump－ tion that Fields to the punch of poverty；and Mr．Carrd＇s opinion，that it can be calculated at only 1 per cent．for every 10 par cant．in 1 ts increased cost，has been woll borme out．
The contrast between the hervents of 1997 and 1868，Whes mather of tho fanta weil
illustrated by thew roturts Taking the
quality as woll th quantity of the Wheat anta sconutit, the difference one is 9 to 16 sever mullwhe of quarters of Whant, or noo-thirl of our whole bread cotranmaption, wan grown in $1866^{2}$ more than in $14, i$, and the antruant in price between May if 14,8, , when the furd of the forsere year wan all bur ntas, ated that of hemembor, when the ferl atantance of that pret...is
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 to the oth of thamat frie what itn madradually, Whale the prep prtore of $1^{+}$wh. his sutported from abroad hen risurn from $i s t \mathrm{ib}, 10134 \mathrm{tb}$ por bead. The natarally falluge price of wheat during the last 20 y"are in this enintry han dinntituhel home prodintura. Tha price way is a quartor lowe durites the faut wetht goare than during the pight yeare mimmenutoly proweding. And Mr Calbir is exphastatarn of tho shligular faet, that Wheat uthr, of ull iur prain cmpm, is th is att -teil hig fria traule throwa a givat dealif light unen the ont gout The premlanty su explatied les han nat the gromed that Whant, if all our ren als, has the largest ares of proluc totn withis sur reuch
l'awing from the broul part of ous food, wo come to the minat quention, and the relations of lome and torougn supply wore delebostely dosumed in the paper lant Tuendey of coure this, an affeter sempending semminturn on



 forturer it aj perare that thara in mare ntexk, aras a lerger proportions of "motorative" cemppige, zat treland, then in eny nther part of the United Kingdom, and barring the extremely emall farma, Fhich really d, not conatitute oo large : part of that aslanid an muppoment, it geetna wo the
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The quento of largn or nma. farms penerally recerved alwo sume illuatrative, treatmont, lese, however. with the virw of oxbibiting any apectal roulte attributable to thite difference alone, than in erder to proeent in geninal pieture of the differoncera in the maduntry of cial and rhalk cumbties, en Mr ('atrsi thrmial thems. rempoctively-in latter larger forme, nee found to pteral. The an a matter of fact proral in the distretan where the arcrigo nipn of the firnn 18 nton llont Mr proppecto of the now boot-magar industry
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## Foitte Correspondence

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## Forelsm Correapondence.

## CANLDA, Toronto, Vaw gh- Better -The objoot of


 from the Uuited States, where it has been mokings ereatatir - it mav be known in Enaland. but I have




 pateute ho zuske tombl his patant if he can before the marts if lsw and thr publie ozu te unprotineted




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 a evt it mas heritin




 often whed wis whe eddid nof ocald the mulk. she hed often whend wis whedrd not weld the mulk. gho het

Fald the rute she had heard wis that the milk shotild be ket on the stove until the size of the bottom of the pandwas seen as a ring on the surfuce. In we had been churning we treed $t$, hat fased a nuruber of times We finally suceceded, howeser, aid the following b the resuit after some is) triala.
Set the tuth wuch freshmalked in a flace where the thermometer will stand at irorn $\mathrm{CO}^{\prime}$ to b 2 . lot it stand 21 howrs, don't hase the wilk mpre thati $2 t$ poches
 in Cenadar, ani it it Lest hataj the thermometer ohoma lisil, or untid the firsi stuell of bolied nall appoars. If fois man keep it at tiats beat from balf an hour to an lower 50 nitat + twe better, thongh ess time wili do, then mose the pans back to the piace they catme from, and aet t iems sland at least 12 hours unti the cream is vold and criliu, it what then come off in a angle cake (so to speak) and leave the milk without adhering to it at an , the resule $\mathrm{a}_{8}$ crear ready to make butter, gnd it may be malle in Intre or small qualithchom would be pecezsary evaru would be hecessafy, every second day, we used a large wooden bowl; in
thisa botwl the cream is sitred wits. tho hand all one

 true Grass tant may be gisen by graling a Carrot,

 colour is obtninal Che crilour adueres to the butter,
 conving tha inter-mikg pure and white, this is a for 10
The areat portt t i be atta.ned at the right heat. If the malk 18 not heatr? low chank, the batter wal be bitter and will I ase a sort of slitn B on the paiate. If it is too hot to whl br verk porki, but will be fult of whito fiakes, atid will be less l.. Ifar why that it ought to be,
 pare hard butter, prot of the fing sutnmer favoar, but mever bad, or shath as cati be found faut with by tho most fastadious, it keeps will as freshi butter, hut it Was always too s.arces to ur ahe ezalt butint of Of course
 kood, and that if any of tue coss were out of order
 sold this butter We al ways got the very higbest price that was going anf rastomers who once tooz it allways Wanted it agnin. We used tim pans, and would recombuend thoze that arc staturped and not sodered
 and was used by those who Jked that article. The akimmed milk was mearly as pleasant to use ss nem frosh milt, but of courtio whe poor from the abwanco of then noighbourhood, and is ıfinitely superior to ordinary keimmed-milk.
In fooding our sow in winter we give them a pro portion of gro ad yean, alko bran, aoil distillery slop benidea hay; and we alvays fonnd that the quantity of butter wis in proportion to the quatithy of grain used -the more gran the mors butter
(To be coantuned)

## Farmers' Clubs.

Laveribar
Pub, $56:$ Comparative Prafte of Difforant Crops.-
 rad the followag hikhly internating pajor -
forviant this grentag 18 one that hat I 0 to brin thought to beforeinand I slonitd ont have selected much have fount th much more difficult to deal with than artucypated. Bote the outgo ngs and recoipte will, to a very kreat degree, rest of estimate ratuer han fect errors and, if so, I bope the practicit gentlomen of seleoting it for dizoussion was the remark mado nt nol. per acte for Sukar Bekf sfot obtained from 15 h . to Fould bo unprifilable. My wens beang gomowhat comparison between tho prucits of thas rrop and others. I amm quite aware that in disciusang profits I nm going
 gubrected, the endeavourtik to throw liylit uson the plaping the stabjet hef fore 3 ou I shatl take thie crase of a what old-fashontu and now generaily condemped plan but Wbuth, $A$ ils hawnefotheert, is frequently es smos

 Which is ant fo wen in ac an! sate return Latge
 those for the zore dire $t$ inanures, muat eerio issly diminush them, With the pressont object to will proounded uran liki or ou furumug a ther are more ossily mado Under tho latter, I silall adliero to it gryming that tho farm Lreadeta akeif, that on that neitiber manure nor feeding stuffs are purobesed and consumed ufion $1 t$, and that be extra oropa are induliged is.
Of the 400 acres $w 0$ may nasume 80 are pasture, the remainotg 320 ncres heing arable, deduting 20 wares for waste, we lave 300 gerpq net arable land; that is, assumed to be the most projtabio, rop betng generall


In institulider b compansor, betrinen then wrowink common Sangeland be at all favour- op then
assuming that we can arowt thathe case

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os of 15 , marnag a net fros alatide of 15 groming otlier lieet, mewn
lowioning 18 an
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Marventing, *e. ".
Thresbing ard markating


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I trust that I mog not kave bren altopetner witho cessful in blowing two thinge, wis that owit com che
 My remarks on them aro of course fouded upto a
 80 of a factory, the fartiefs were to yrom amte 10 acres (so in propartion on larger farms bo ten would be found prolitable.
Mr 13ddel, in concluding lis remarys, sai: optrion the yiercentage which a farmur $2 \cdot 3 m$ an
 and asit would 09 dilicilith for thens to remember the flqures he had a inted, af any pentileginn wise refereneo to any partu'ular itew.

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|  |  | bear the horace, and dried by the Merch monds and pulverised by ita showers before at ras be brought anto antate fit for cultisation Many acres of pood lean be somn with roots, thougs the later gilan is tot very advi-sble upon rery hesry land

The lambing neamn has now berome general in this netubbourhood, and the ewes appeme to be very healthy and to have plenty of mik, a cood average of lambs may juntly be expecterl. We have up to the precent ture 135 ewes whect have yeanel, and out of thete we have had fil doubley and two trebles, and fromo other guarters the results aro equally satisfactory Shemp both fal and atore, have greatly adranced in prioe during the last siz week. bome fat tegs were recently sold at the Kidescote gale at fins per heed out of the wool, not a bad priee for February sales in a season whed roots have been more plenufuit than they bave been this year $J$ J
 rather awk wartly tuat minter romes uo us at the close of February, and continues to mandain itm sway rell into the seed month. At no lime hat the soom axceeded an inch or tro in depth, nor has the frost been sulficient to prevent its melting after noon, at if Tre Ret out of this without heary mans, the seed-bed Mrll be the better for what it has got. So wet "Winter" Fo have not acen ance 185, at least tha ran was so frequent as to make the land most unauitable for any work hut len-ploushine. Firen the muck fin sery little bulk, no doubt! had to be carted out over net roadn, in deapsir of frost, and now that it bus come, there is little or nothong to dn. One advanture there was in liasing a mmall root crop that it took little storing. (skent enort are exser to carry, but worso to pay for, after losing the zandures applie cowards growing Turnips, and but listle of the high price of mest mill fird tie fins reaing place in the farmer's pocket The quality of Stedes 1 is iuferior gether lotatos nor mike can filte make $t \mathrm{un}$. Ie 1 feedsag thock have dnope pretts weil on atillowance of from teo-thirdy to threc-fourthe of Sweder with the addition of rake and meal for ratile, and Peas and Oats for hogs ${ }^{3}$ ivter Gracedombittle prood Botrect that and artifo al food, Fo never sam our flock do has end arucul food, wo never our loce do moren Sprimp comn le moll put, at caplal prom Watio pr proper menther for throhin whest bave lost the pmon on part of the rrop. It maken pood maval for cattle at in wi a stone, used alogg with an ul Teitht of cak
They kay Wheat wan extepaively soma in autumn on clay lads, where Turnins were an absolute falure Mang of us, homever, liad a sprinkling of plants ores mor lielis, and were undi.ll nz 10 destrog then carly and so it came about that me nerer had less Thbeat sown. Turnips gown or brairded attor the Auguat rains came to Duhght; Rape and Mustard invinibio to the raked oye. J. I

## Cbe \#oultry Yard.

"Weat CHEsBiEs, who desorvos ample apology for delay in reply toquories, Felates as follows:-" I ahalt manakement would 1 norm me through the medium of your columns, which is the best kiad of poultry to keep for onn use and peneral profit in a smath farnsyard, capable of tak, ng, sat, about 30 hens. The rape for thete is not as gomi is It mirbt be, as there is a ni lage close by 1 lisve thouzht of lonking hens and game corka, or [lorkis, hens aud ismbma cocks.
We think that by enswering in erfenso the letter of "West Cbeshire," we tray be of some use to other who are smanimy situated, sad ta such we offor our best help. Ttare are many intented an it our oortespondent, who, with emple run at their emmmad, for ss he does, the proximity of a vilige tha thate it a groundless fear, enti hope there aro fer vilages in England where a burd the known property of a resdent, stragiax wio the road, mould not be driven back bome At all erenta we like to thtak so, but to man who ditiers from us we mund recall the soec dote of the tim, d sub, in a marchang regiment jears ago dote of the timid sub. In a marcining reximeat for, took counsel of the rax mental fialen before the fryy, rather counse of " joctor', sad he, "Captans $\$$ itreatens than ather. "Doctor. sald he, "Captans "Whes," mend to puit my nown what would yout do ? "hy, mat the doctor, looking hard at him, "do "Why, grease ik, If our corresponifats rua tor he may eavily wean them from the sood one, he may easly yean thems from the
villare roaid by feeding them home, or by enlisting one of the powers belligeredt, in the shape of a small boy, to watch them wher they come on to the road, and agreeng with him to drive them beck. The present week has been divided in an amictablo hestility as to the relative merits of a dark or light blut riband. He thiny men get more perticular and selish ws questione touch themselves individually, for inatance, in runsida their horses for tae Derby, they rus for what ther call the Bitue kibend of the Turf," but when they row their own boch, the diforence ts 50 fine, itat it it dravm out to Laght Blue nnd Dark Blue. One must admire the plurk end exdurnate of the crews, and wish that both ooud man. Somo of them have been, are, or may be, poultry fancierk ayd may hav os the Hohme-bow thet on theit cman belle they 100 ord on 14 inteudere, butherde here, they werb loozed on in intruders, interlopers, brineink no rrelentiga Withiver, and rivink arrefhi antee











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 the syatem whroh secmas to have been hitherto exclusikely confined to books，we mion a yeluction in the Shalligg of the published pnces of seeds for the firm，the bitohen garden，and flower－garden．A haghly meritorious charrauteriathe
 With an enirely freeh atock of seed The bortwisturist respecially will revegnisa the ralue of this pran．The Company，laving made urrangements withi the most important Continenla growere，are 111 a position to receive evory Ferk from leading Conturntal cities express parcels throughout the season．The London and Contincotal sca Company may be warnily cammended to the pubuc，not suly for the rensong above－naned，but because of the ghartutee stiggented of its supplying at in rate cheaper than it is to be found amongst noy other beed－gelsers，ut one the choicest and freehent kinds of seeds．＂

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TELTON AND SONS (late Feltan \& Holiday) will

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THEBS for 8ALE,-Two trees in l'utn,


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PICHARD WALKRE thas to offer the fireat sort of 14 ROUSD 1'OTA'TG Out (AMERECAK RED
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WITLuts NEW nad CHOICE FLOWER SEEDS Par Pk
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## THE BEST NEW ROSES OF 1869

THE LARGEST, BFST, AND FINEST FLANM TH IT OIV DE PROCLIEED LY TEE TKITR

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STRONG HLOOLING DWARF STANDARD and DWARE PLANTS of the levilrg kinds

It $\ln 12 x$ per dir STRONG PLANTS on OWN lbouTs, thetr weler t.on, in 18 's
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 Thomb, white it remana conitant in chansotet. This, without eveeption, is the finest Tricooor hithests : the publie.
THE FOLLOWLNG NINE SPLENDID NEW DOUBLE GERANIUMS FOR 1800

MaDAME HONDET
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## To the Trade.






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Cheap. Cheap. Cheap









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A CACIAA ARMATA,--Per dozen 9s Od

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Doticiont of Hertmgo, ahound be swow is the early Epritas
Cach, froni to. ed. to sta. par nere. 8ow 8 to 18 lt . per acro.
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REMECTHLLA DEDICATE TEHIR
ILLUSTRATED BUOK UY GRASSES,
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FTREELFRS' GRASS AEEDS for PERMANENT



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# CARTER｀S PRIZE MEDAL FARM SEEDS  



237 and 238，HIGH HOLBORN，W．C． ETVC HOTSE FARM，DEDHAM，EYSEV TILE SEED FARM，ST．OSYTH，ESSEA


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OARTER＇S GRA定 SEBDE FOR ALTERNATE HUSBANDRY．




For 1 SREE or Fillily IEAR Lis LI
CARTER＇合 SUPERFINE ITALTAN

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PACEX＇S PERENNIAL RYE－GRASS．


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## GRASS SEEDS．

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＊The Graga which we bree luid down with your Beede has come op well，and is magniliont．＂

## CARTER＇S

PRTGE MANGEL WURZEL．
Tho following sxe fye of the finest variotien in
CARTRR＇ORAMPION ORANGE GLOBE，红 m－ menso exopper，li．per lb．
CABTER＇S FRELOW INTERMEDIATE，fto tup， large oral mont，1s．6e．juer lb．
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## CARTMR＇G＂IORD＇G MLXTURE

 OF FINE GRASS SEEDS FUR CRICKBT GM18e per bubhel．（ 3 busholin per ucte）



## UNSOLICITED EVIDENCE

 QUALITY MANGEL WURZLL ANい SWHI
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## CARTER＇S

PRIZE SWEDE AND TURMI． CARTER＇S IMPERLUT IIADD SWELE hardeat and best van 4\％in metwa as 1s．per lb，chmajes per che
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The reasons for this state of things may probably here had their ongen in the very sutecesses af former days. Thas, ono step in adivance has led to enother intil the shows have actually outgrown themmolyes, for by witl" add little the sixe of the objoets producell hisw been soereasod, thll
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In illustration I mould bece to adeuce (i) the Sal ater a rohusta) oine of tra most valuable timber the India This, tree sheds sbundante of seed. rimin and 2 vose the othere the trecs are most abundant

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(2) The Fir Pinus Di pilo a s annther instance

If the scound remn in unow a is anned ther pastance. atumys sprome up nbundents 5 , provided the wholo hillside on which they grow be not entirely denerded of the parent trees, and thus rendorod dry and barren.

 of the forreata math iescend fom the bults, and run thas; although nofortumately the trees are often irjured ard nittogether washed a way, by (4) The The remarteg ong of these beds.
(4) (4). The remarliky on the Punes apply trees huring affinity to it hut I thict trees having affinity to it, but I tbink that sonsing soed mishti be waefally at optcd, due regard being had to the isket spots where huch seed was soty T miglit expand these illustrations, but I uave sard enough to show that selfsolline is not to bo deprecated in mast tracta of forest land in India
The great premues of tin Fumalayan forests are (1) cattle, ond (2) Gire.
(1). The pasturing of calblo utterly deatroys millions of treas; and, exceptjog when a forest is well grown, should be utierly rrolibited.
(2) Fire 1 still worse for when the frazs $1 z$ at ita driest it is fired, and it 13 nceciless to print out the destruction wi irhenstes. The most effectugl means hnown rad adopted aqnast firing 18 the e earing of bromd rods, over wich is nows teneral'y tone, I beliere, an the North-ncet of Iudit.
The reckless entugy of suphong trees -the chocest Sal trees, for instance was formerly productive of much injury to the forests, The natures ured to wattle their sheds witt these saplinas but tids practice has been in a mreat messure stopped, I have perused all the reports I could lay huads on for tome years, and I have been perfectly astounded at the number of ncquirements mointed out us requisite by Dr. hand $z$ as necessary for a forester
Douhtiees as little tıme espent amongst the forest 5 of Brita $n$, and a run about to a.l the reats of general European manajement will not be undesirable Whalet, of course, a goneraily sound cducation, molud.ng surveymg, levellinge, nud grdianry drazning, is judisyensable A fonduess hor asturai history would add an interesting reoreation whilst at work; but the requistes are -a sotud constitution, good common Iforester should ber ready to face a midd beart $1 f$ he met him, as is oftcn the case in the Teras. He should be teroperale in his lisbits, and be a good walker sod nder. If he be a good shot so much the better for his Care, whilates litt e angong will enable humat timea to vary his diet, fislis abounding in many foreft atrenme, as yet innocent of the fly
The rest will come fast pnough, for of course the geperal gy stem of forestry to ba adopted , 10 any particular locanty, whe bo clearly jad down at headguarters. In these days of difficulty of prowing fre the hooest, wilung rons of mudde-class men in England, we do not need oze single forelgner in this departiment whether for hrgeer or lower eppointments, nor do 1 see that ang necessity existo for sny lengthened period of study out of tre C'aited Kingdom. $4 \pi$ Old Rohillas.

## PEACHES AND NECTARINES - DISEASED 8HOORS.

I no not know any two things in physiology tha bave guzzled me more than the Potato disease, and the diseased shoots of Peaches and Nectannes kindly sent at $\operatorname{byy}$ reguest (accompatied by an intelligent letter)
 Eastwell Park, sshfors, Kent. I cry with Mlitor, who was blind-

0 dark, dark, dark'
Defore "quessing," I may observe that, in answer to my questions, M[r. Wioodiord says, "thast he disbuds moderate. $\frac{y}{5}$, that the trees are not ataryed, on the contrary inef aro most luxuriant [The sbont sent showed this. W F, R., that if there 18 any difference the most luxunsint ghoots sulfer most; that there is no differance between treen 20 y acrs old and now tope it in

$$
\frac{a}{6}
$$

on the purs of the hills thome trees thrie bett far which the soill and sitnation are suitable. This appenr a truinm, yet it results from it that if not mantan destroyed the said foragts, whether of sal (Vaterl
msaally are $\mathrm{e}^{\text {P }}$ but this question is partls solved by s elerno at the collect.on at hew. The wood used is the common whito den of carpenters, and the rao it camnnt fall to be of minferest. Tho wool is lirst turned in a tothe in circular pieces, which look when entire very like rircular preture frames. Cross sections of the "propere: in requres aro lhen cut oat of these Prameg in time rection of the gradi of the woud
 This will be pore olearly underatood from the accom natyong lig a rea The section now has to be finklied by hand ail it requires, however, 18 to have the Nre, wh ch are turned in separato pieces, attached after whis the shole is panted, sod the anima ss romp eto. In the erso of an elephant the ears, tusks, atad trunk are alt tarned in dishact cramifur meres, nod sections are ent out in a sumplar
manmer to those latended for the bods This mode of manulacture is very mapentous, and in some dextee explane the posstbilaty of the production and importatimn of euch large quantities of these toys ior side at slim cheap rates. Sine these specimptive have been exhrbited at Kew, they have atrracted a large Rhare of the attention of the numerove pisitore who flock thore. Johs R. Jackson, Kew,

## HIMALAYAN FORESTRY.

the Ifmolayan forests, and those the the baso an
thought ripiable will dra net, that then now ans makea no dufirence, that the irees did not satTr from terot, oron in isth that it has existed, mufe or ees, for yhror withen!



 this sut int an, not ono speaimen on my Yeach and





 gumpid fremana
thi werty1'tr il .... w 11 : :
 1 comion to thene cronclutnos thermapm a.i errim meous) -that it is a furm of ranker, sलowan anked hy
















 uddenly arortentis theac. .uxise ant bhoots all over the



 thoote are straimel, an 1 the ligntures are ton tiaht
I must not forget to moalina that in aummer I rise

 Rreater dificulty of sap-pusalge thin wother parts of tha blooks.


 lae shoot Tle Irres hore are arit t, RIM,






 pruner, that A, int tout of baving long shoots at

 Whaphere and enter the trees at short ar intarvas. onger for a breeder fase now done, but stl ces 104 tark lary lart $E$ F $F$ Radelufe

PLANT Ponte:1T

## 



\section*{

## Fotato Grafting Thre

## Fotato Grafting Thre






 unimportant bremeh of hortioultural semences I am



 Chthough I thooght Foould diatinguish I w.itror ", i!minutives, Ijwmped to the conalusion that thay were



 Caba bash In parparence tap piantink them out in the


























bare Io san rye of \IIks bs
 bat si in by ur hau it in t. it.

 Ha\}utr: on Mor alotir



 |ar'ly rl-atraxal and that $x$ i lisd sullisuent an on ( 10 manglang. 大0 's ni y h nas lan eacaper my bito 3 ' ing heftrmber 14. Mr Jist












Poiton anilder flprour，and to rendor ofreee of thay，when tivey Fere woll anpereral litlo as possbblo cheo colyy rotas，Joined them by cuttiog a or or leares，placing the cut surfices on fit encect other as near y as pos－ ing toem woious clay，in which stato moubled plant havina two sets of of ofoted down pzaill，and carefally 3 Red naz white：
an all of whers appenred to the s．ple spats 12 tue rows from
tin tho mnonth of Augut，on trom some or the plants，I found I ughridsising October the following －No．Li．All the prodicce were moit
 equan porthon－ sonue persons to ，tao red slowink
 In hearly equal proportions tha traterl，tie red colour predom，nating． determaned to attentyt to by brialse tue Red Astringlam Carrot， of the Turnip．The way I pur－ aid eonoan the send stems in tho pot befire the hossoms woald ．Whe depreszed state of aspractiture at r mathrs，and 1 had not the time

Fill lie seen that our corrusponderit＇ nertuede is grefling The reader the rursults aqse of the athesion of I rbive Carrot figured in tinstournal，$p$ ． heri Boctol，－［n reply to＂Colo＂（bee p，278）， oungider Snow＇s Superb Winter the enrl est and best It centues
we of Jrmury but wins rather ug of Jrmudy but whs rather Whick aucesed the abore in rotation， a rev days stor Sqow＇s；解 Fery useful sort about the its benunful winte beads baing bef：naniz of Marcli：Dilcouk＇s Dart，it for ure in the mudde of
Dishorn liarly Whate，but with and wi not stand frost or too much urpass in we named，whoch in $m y$
 Foretug $=13 \mathrm{~min}$
mited stock of hardy shrubs ol hardy shrubs ordinary sized plant carefally，sud ion，introduced it into a moderate hent ume was rebrirded with astow of Mins of the the commonest of all loth－ y yellow flawers being sonte colour Has Ying Itogton
remarks on this aubjeat in in mot tha fom which he quad opparently sot ditect variance，I certaisuly would not hon your columpse again to treath of it Hicied mut bave been quastion oould istaver reforred ataken jlace．I hatse not
shated to bim exacty how
my etase boen wado up，not tated it at bus mado up，not hat fy feet except by
ar rag recred to wnlh in front－not
under or then in error in supposing The old mulching wing semoved conng thas removed
of 10 Fears The natural decsy to the depth or he gint of the
to often too aut to jaf a great
ere croteciet m caltivation，than
 ，as 1 hey are to
cages Vines haro
cages Vines have
borders all this may be imbibed by inesperatenced thousand t！mes more danger from one season＇s severe surface－croppog after the manner I havo practised jt and if Mr．Fish would write＂Sacred to the roots＂ on the iosido of the vinery，as a pastly moro imporant inscription．Mendelssohn once sid to his critics， Stick your olaws into me！Donst tall me what you Well if gardenjug writerz would toll what they don＇t
like，us well ns what they like．Mr Pish has told uz ． that he dislakes croppas foemoruers wite anylargi and now I ber to stato that there aro things in Yine manageruent I like much porso tham surlice cropping， and Worst of all do
Drwm？anig Gardent
Oranges of Kome Growth．Hariag cultivated the Orampe and Citron faml y to smme extent for upwards
 thore who mary be contemplating the culture of thase delicuons frutb elther for orgament or utaity The colleotion at Eardiaton constited of Sheddooks，Lemons， Thmess，bitrons，Mattese，Slood，and ofler of easy cultuation，were grown principally for ornameat，but in some instances the fruit ripemed exceedingly well，more especially the Lemons，which were particularly fine．In 1850 I exhibited a collection of them st one of the meetings of the Horticultaral Society，then held at 27, Repert Street，for wheh I received a Certifipate of Merit，the fratb having been fonter，mpoint ofoultivation，to be of Buperior excellence Some litile trme after the meatiag in quastron，
I would oblued hm with the details of my method of cultivations which I did at the thme，既d which he did me the honour of publishing at p．4，1857．The following winter I sent another collection to one of the Societys meeting but unfortumatoly，through nime
dolay in trusit，they arrived too late for expibition Dr Lindley immedistely suformed me of the circum－ stance，aut stated that he had pleced them on bis bide－ table，and had shown them to his friende，Who greatly adenired them．The treas from which the above mentioned frut was derived were grown on the plant－ ing out system，in the border of a large conservatory， Fhere they grew with great rigonr，and bore an in zummer and pinter．made them very ornaig they weremerely kept th．n，and allowed to grow as uatarally as posible Diaring thetr growing season the bordert

## Worksop Manor

The forticultural Congrase，－Now that the Royal Horticultaral Socety has angounced the glan for tho some estimate of its valub may be formed． as smple as possible，and so that they can be carried out at ittle most，The ciroumstances attending the experi－ ment may sorve es a gurde to tho Soclety 10 giving the Congreas a broader basis in future years．Paper． horticulturiste should be inyted to send specimens of cult．patson of different plents，and，in fact，slould communnate anythag connected with the profession which may the of interest，or whel requires general some t．me prevrous to the Conkress，sot at they could be arranged，and descript，wo Iabols nflixed，and，wher the meeting qusembled discussion upon the mast pro－ minent should ensue．More good would result from this than from tho mure reading and drscusshon of papers， Whatover is done，let no spiritor sturdy independence bold the prufession aloof rom artimg in concert with fully en lorso sonr contameuts reganding employers
 wardeners twroughout the atad，a word frodi mum to therr resplect we employere woul be n＋tisat wonld bs extibition．Brassica，Retad．Hall，Whalley
Flios in Pine Stoves，－I bes to ufform
spondont＂Inguirer＂（geo p．u0．），wio trouble rith gnet－like fles in his Pine pita，that he can REt rad of has tormentopa by famigatiof mith tobacco thssue，or by mixing the thssue with ordinary towncco pape
had the posts in our Pini pits last January，nod ooth not get and of them by smokiag in the usual Why with
 have now rot quite rid of them for the last three weelsa not the slightest vestige of the living insect has been seera，but it required much syringing to free the deal il，es from the plenta．D．Cumangatio，The Gantom Yoor Park，Richmannmorth，Herto
Paar Buds Zilled by Frost．－
Paar Bud Z Zilled by Iroat－In desoribing the con dit．ons of the bloom－bude on the Pears after the
severe frost of $\mathrm{Jeo} .25,1880$ ，I perhaps was not sulliemently clear un stating thet the buds when cut open were quite black－I ought to have added，in the with the eubjeot under desconsion could mintate zay meaning，as the fact of their having bean out open impled it wis not the outside of the bud that was megnt，the colour of whe
suilisicntly well knowu
nocipient blossoms in each bud appeared never to hase moved afterwards，as wos estident at bloom＋ng time exch bunch of bloom beng composed of a port，on onls of tua orimal number，the others being rivible like dry dust．It the groater part of has bonma wis？dich

Where buts are killed by the actiot of frast，we mby portion of a bud is composed of a number of parts，thet sort，not possible mould admit of a degree of expmi－ tort，not possible din tha bark or wood of a tree，and in anthers，from the great differance in their structure，
would 12 all probability burst if frozen，to them pertain destruction．Brob we are noviv vercing out mertain destruction．Bu

## abstrase subjent the marber

exetablel
Vitalaty Vitality of Balbs－Havisig lod occasion to－day （March lv）to consult my herbariuma concorning the getus Narcissus，I Waas surprised on finding two bulbs of Corbularia monophilis with 1 ining leaves about an
inels lone Ono of these bulbs I gnthered at Oran （dureriar in January，184s，and the other at Themben on the frontiers of Morocco，on the $23 d \mathrm{March}$ 1857！I immediately planted the bulhs，and pat them 1 m my greenhouse，where 1 hafo no doubt they will ilourish， and un all probebtlity flower naxt spring，aftar（for one Farsham
Cedar of Lebanon Sebis．－I havo read with much pleasure the remarts of your corraspondent（ $\mathrm{p}, \mathrm{gy8}$ ）， the seend explains the matner in which on tils method nazy bo，the 18 not quirk enongla to aidopt and t harg the disadrantane of esusing a great many of the seeds to be urushed bs tho oprrat．on described． The following is the metiod which no sdopt to remove the scales from the thonsinds of condes we require sonuany in rasing our nursery seedings－Aboat the month of February g hole 19 made in the rround，abomt
 In one dep，on wonth＇tune－having taken care that the sand does not become too dry－the cones bcale eas：ly without force，the seeds are ther picked ortt and ate sown immedrately It nugbt be thought that this plan wozt injure the qualigy of tho seeds，through from the cones，in a frean condition，ind are swolled ready to germinate at once．Formerly the pursery－ the in of coung（ Frsuce）fald but it melog and apex of cones wha gimbi，las soas long and tedious operation．Daring ta ast years tad above plan has ben followed by all our confreer with great success．It wha found out by ane of the narsery－
men finding is the ground some cones，whoh had been buried by rats and which scaled eqasiv of themselvis，and by iscertaining that the seods of these would grow freoly Delépine Ainé，Hortsendieur－
The Conrt－pendi Flat Apple．－In reading a not．ce of tha diple on p．ill，is thu Garuons dpplo，gad MIr． e by，for in 1833 hatppened to be dinung et the foule d＇aôle of the Hotal de Vientue－I think thet wns the name of tho hotel－at Guent．Chas in the ripe．At the dessert I whe sulprised to see numerons dishes of Apples，plump，bright，and besuififul，as if just gathored and inding tuem proferred oy the diners，I inquired of my table nolzhour how it was that suck an carcy kint of Angle existed in Belgiow unknown in England．He scon enlightead me by telling me that the Apples in questron wera those of the preceding year，and that they were of tia kind haviar Court－panda．F hed of Agple in the gardens of the Horlicultural Sootety nt Chisw rek，but the fruit under my eye Fas different in all respects．I therefore thought I had made a grand discovery，and，like all oredulons young travellers，was proud cnougl of having done so，for I antroppated the plensure of making the Eughsh peop．o ace sanotod with plump，bright and larly Eugh Apples in May and Juee，for those on the teble at Ghent were large，tlat，mith fine brigbt crimson costo， sud gweet，juicy，and nioe in flmpour．Aoting on my impressions I at once set about inpporting some trees of my newly diseorered Apple．When they came nto ras lound dion
 Apple is now lurgely cuitusated in our gardeng，and in Apple is now largely cuitivated frour oure farr，and they secp all till siarch but they are bo uferior to thos krows under the briflter skiss of the contipent a
Green＇s Hot water Bohler－May I tatio the hberty of asking＂＂．＂（Eee p，283）it he 10 stmply in seared of have 一ome here openly，and have told some one the mature of the burinest hs had come upor．I shonld not now care to reply to him，not wishang to white your be asgert is all that I have described it to be．I will fo further，and say it is the best，most elleotive，and most economical boller for horticularal purposes lat hres come and judge＇＇or limeseif Besond thas I do not intend to roply to any one who taces nhelter under： nom de plume I will shortly give a description of the boiler now at work hare，for the gresent，suffice it wo Eay that it is doing much more ettionenty the work praviously partormed by two balicr（one of thama very

## Herdy Spring Flowert－I saw a fer daya ngo at

 Mr R Parker＇s Hisutic Nursery，Tnoting，a tery nch decp－caloared hertscensense The hue of colpur was of a brilliant deep crumson，and it was nearly as show an ithe pell known
the 'eren frent ir Mader tho dwelling-houra. In the the gardens n the environs of Moscow, but as I find It a bit tie north oind was alym sbelber, bettling nig : yramilum grandiforum album. The flower were minte, with ${ }_{5}$ tow " reches in hbight. Both of these mould be good

 alus +t \}
Camelliar Ont-of-Doort - If not too late to add ary, rilis to that hna been shld under hast tead h. ir the residence of Mra Colopel Crabbe, Dear Southm., in. 1 they shouid be instanced or worty fir merso ako, when they were covered with foeds of Hnerr, list mude them most plemantit to look upon.

 Bewart, the gardener, who reall p hat much reeson to heular pouttice were fine bushes of the oid double triped yrietr, one in particular, stending in acolid and druughty pooition elcom to the consertutory, wiezo it marcely geta my sun duriag four months of tho year. blan it is fine on axemple of outhoor pulters In 45 at isu in woll be looked ypos, wit it wes nbout Pfoth in heuget and very nearly the sume in writh end literally copered with juat expanding flower-buds This nlant had occupied this poattion for the pand

 hall the cur n.' t areil tirn fuml doent ar.ues

 ano noticeable sand bloomink mest profuw.y, It exposed spot, whe tiarge bed of Ccmollias, growing Cmallans thrive at Glen Eyve, that they are erradunily Comeluas thrive at Glen Eyte, that they are errad unally aoil at Gleluced Eyre 18 pomposed of a mixtura of boge



 crent altray tions fi r the been, for the dey of my ripit wa tic, atul primpos surn warso The retnted white blocoms tho pombra surroundinas of the Cosifors end the
 tants of limi hive in thea sibee were full of bloomiog does Alogys altridere mithout say proteotion, and bo reathored the yicietitater of the whith must hape


## Foreign Correnpondence












 Clamized for woinnth nit better It
nuld make fiflly g returet the


 and onpolas In soras placer the mi ratt + road, domenda considerably whit the eround on b. in ides rises menrly parpendioularly. Theme bink | ast a rijis-matows which but only one speoio-
 (c) ir if from thia duatint quarter. By-she-by, in all the wr mis I have oolus through in this oothotry I bleve sus [utres sore

a 1 was, n the very npponte oxtomity op the thing ad yet from wantiof fu.l anf penstion of the town; did wat stacreed in moner more then a part of ehat o be neen in the reighbourhood In fertienier 1 Rotet not hating men the dirtotor, M, Finke, who, an
 othe Ereat International Sibibition hold in Landoa to yeara apo. His roport of What ho min than is -
some necounts of them in the hortioultural joural here, 1 ghall send you a fer extracts by-and. by ubness and bustle: everybody is occupied in buyn or selling. The magzzine the "lavke" the "depots:" the produre of all countries. Is it beranse I have lived so long in the lonely, slent iteppes of the south, that all

or Strand
on y to look at everyt
roze tho thoughtares
(voing conti ic:", 11 , the ibe
pen to csay what it - its

 do thetu the Instingushed fivour to itatytee that
urn kank and reek some more congeaial ati, cit hare they obtumesin mork myeer, Do these peoplo jwagine that they obtain more custom by borsataing to muah, and muoyng everybody that passes? of is it the habit of drife for money?

## Moen mpdey

foecon is a etty of merchents. of merchent promest aving Iti thasery-of ehoplesepers, of tradesmen, of pary porrest tendor of luasfor minclage 1 did nob once

 of the h houman wre let, and lined on both andes with sre-d-brate of ade sort or another
And Fot almoet ía the very Fipibity of thin tumalt and bustle there are come beautiful gerdeng, walki, and pleantre-grounda, Fhera people may breathe freely, generally in the form of long brond averues in the
 come to a vast square with a loles. At another pince The ster a oharming jnery, Fith tion old shady frick The Alezamdrafor $\quad$ wi, round one ando of the Krem in,



 allar twa, unif the treat ari large enough to afford plemty of ahide in mmomer. Then you must remember rat in the most part they ere in the middle of tare atreet ou ypu cad inilgiae That sort of streata there or roars in which tho marner, and the garden immediatoly in front of the housea, of in the oulthists of Lomdon. Dur fardan are cartainly prettier, sad kept 17 boteot trim, but thoy aro only biru Part the pleo of thowe Fol sed here.
on the whols I have not seen any lare commercial


Caxada.
Gardondar - Americam Graper in ir itor in the Gardonerr Ciromicte in a lato article, was very bevere on natve Amorican Grepes, It was only because he had Aber in cirapes layp a pecullar flasour, end some sweet and Rood. Throughout the American contizo

liames axe legion and their qualities various, bat If , whe quantitios ysed it is proved that thoy are 5 lb . box genorally costs about hatr is dotiar to 38


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## ve read various diroussions

i. : o hardiness of the Pardise stock, 4 , 1 i In my griden I heve on thia stook many lititlo bubliof heat and of cold thermometar foll to $20^{\circ}$ belaw zero, an 1 ast shatmer the hent wass intense, reacking $100^{\circ}{ }^{\circ}$ to 1 iv it it e had,


 Jersey, D.s 1

## Bocieties.

Ma, T. Pacmed Suow of Sph ; viry on atcl it the Rognl Horticutharal

## and nempents, Mr Prul itu






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##  <br> 



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## sut sut po lo rill



between Casearllas and Ladonbergha,

$\qquad$
 in shan mivy mpecten lit has daseribod.




 he anys, "ine riterial structure so far as reates to form, is tc be found in the d.stribution of the rems of that lie furm of ti.e leanded to conves to the reade of the veras the statemeit fanly the questoned, ns had form of the leaf st st tened out before the formation in the wang The came sort of fallacy rans throng 1 the
कhao paper the cart is in warably pat before the
 anastomosed, "hich cortarily nere never separate an
any tume, tho planomeng, is one of niprited part ton, not one of junction Mr (zorhat c ever y wisk
 the error of supposing, at least it appears to us to be so from frerasaz of has idjur, Lhat all theso sejments
 the guthor's own words, "junetion of leaflecs inte ous
onuro blade" lakes placo. Or cuurse sucli unaon does onture blade' lakes place. Of cuurse such union does occuasionally take plates, but the ordinary mode of formation of lohed or compound lesves 18 preosely the
reverso of what Mr Gorkam says. We have the simple
 is were, the lobea and leafets, and aocording to the extent of the separation 18 the donh of the lobes or
the degree of composition. Th.s simple fact. whein eatablishod bey ond dispute by the investigatyon of the manaer in whtch leaves grov from infand to maturity, vitiatea the whole of Mr. 'Gorham's othertise carefully elabonated deductions.

##  HIndersoti+ Not York Urange Judd \& Co

 ${ }_{\text {I Trubner }}$ ) Small 8 ro. $\mathrm{Pb}_{2} 2!1$A thoracally practieal little book, devoted to the consideration of the best means of laying ont and devoted th tho Rose, Verbena, 'Iuberose Cape Bulbs, and many other favourite classes of plants To a certan extent the directions miven do not apply to thrseountry, nemarthelpss the Eng tsh pardener twth benee enough in his head to mako tio reqtusite allowance for affer ence of chatate, will find a great deal of valuabe for burine been derued oriannall?, like the prartitmers themanlyey, from Brittsh sourcos. Even thiose chapters nevertheleas weli worth, permal. For iustante, the Browky, forms an interenting feature of the work


 natura, and elegant style of bouquat makigg ikan ho
appears to adsacate. Thera is this great disadrantage appears to adspeate. Thera is this greau disadrantage,
howeyer, that though the artist-or, shall we call him, however, that though the artist-or, shall we call him,
or her, botrgwetiste? may be able to arrange flowers so ns to satisfy the most refined taste, yet he or she may be quite unab.e to terch others; whle the formal orumsy style so much in vogue, as it wonld seem, on both aldes of the Athantic, demands no spepal taste on the part of the arranger, and can in conseequence be as easily leurat da taught. Some dea of the imnanse demand for flowers in New Xork may be miven by the folloming extracts "Funeral flowers are now a very importint part or the flonst's trade. Ten years ngo 10 dols. Worth of 100 now, and somet, mes one funeral detmands 7hy dols. worth" Here is anotber extraet, whirh will kue some 1den of now things are done in New York -

- In Vow York Auring winter 95 cents is a emaumen price





 in thet in earlo tand while $t$, ree rithers were strump fre m


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## tices of sookg.

$\qquad$
Lanson, conatitutes the roscopuch. Somety, and which quatter y Folimas of corsta of the new ronta mine somo treating rin - libjects
Ial. In the Marelt On In the Marel


 $31 j^{11}$
Tylal y
mit


## 


Sontar remarks are made wible regard to tho purnery


 the book is a tery usoful and interestiag pompeadum and we have no begitution in recommendiag to to the fovomiable notice of our readers.
 Orango udd \& Co. (Tribter) Small 8vo. Pp. 103? Though spectally intended for Atrer raingordamers, thit mpatal publimation may be chrually recomruended to Braph zardemers. Is addition to the usual Cafendar adapted to the serera, blates of the Union, there is a
 tables of the year. with sevcros, silustrat, \%e moodeuts, So far ag fluwerg aro onncerned, our Americatu coustns can mandy derendeat on Harojean bupples for their moveltes, int it 19 far othermae witu fruts and vegetab ev. Some of the newer vrureties of Potatos taised in America secm jerticuitry worthy of motice.

## Florists' Flowers,

Arown those tho are entatled to stard in the fron rank of enterprising flomsts, as in rasser of tarnegrated haral lo of Deptfur. , an cutluasastar amaleur, and, what is rey antly found nenociated wath ator spec nlatas appear tocothe tuore ther horris Fonal then selargorium zange of antocets, and the Variegated
 nd, ²mice of The k nd, ${ }^{2}$ ritice of Whales, omme from tha Feptford Feed


 $H_{1 s}$ practhe at this reason of the year agrees in the main with tbat followed by Mr. TPrier, and the sam unppy regults follow White Mr. Inmer keeps his houss entrely for Vertegal ad and Gold and Bronze Zonal Pelargonizms, Mr Morris has plas的af the ordinary zomal type arringed mith h.t more girish-looking plants, and tukes some pa ns to etfect what be certanly weares-a tasteful sud effectren artapmement, atot too ofyerely formal in charfacter. Each house has a level atage on ether $\$ 10$, bud on these stages rarlebsited and green lesved plants are arramxed in dramond angles, the sor Entid of sertes of ancular lamke, whi h phelage the brighter-lookine rspisated kin is Herc and there
 massed of the showy \%adyled and golieu leaves

All the leading mes kands wore on trial, some, not in good condition, evideutly suitablo for mater, sud enty Spring decorntinn, othere more tu transition to the on coming of the florous lap apmarel Of ay Fere ret a a kand of zlumber, with colourless, ill.
 by-and-by, when they, too, shoul 1 be called forth 12 the acomamy of Nature to don their gayest enfrobes of red and cold The modet lively an appearance (and to this eflidenee of their worth can bo sidded Mr. Horrs Lakl commondad.on) were ooplai ('usack, acty good mamel Crown Wemel a samety vers shows rut jet uncertalı Loulsit Smatis, Fery ghod, is ino free grover, bratt looking and well coloured, Grandis,
 charaiter of caf mark ne out of condition at thas time andPrince of $T$ facs, of wh cht thero wero sonne fine free rosing far 1s, t, oueh the lenses were ouk of character ton dial-oonkug-a feeling not exactly of dislike but of lisatrafatam expmenced by other prower* from the sume eatase, the aiderk markink of tho shane mot only afers|ladows, but positively nferpowers any 1 fe 12 the colouring mater blended with it.

3ir. W Padis Farimghed Fosemy Prinne Sulver Wing was a pretts and strking thiug, and promue look+ng, aud having a briplit leaf-marking. Mabe Morris, ransed by SIr Mtorris, and sborty to be diatit buted by Messrs. Cartor \& Co., st a cap; tul staper-edred



 In ay stuch southers lkele, a new gold and bronze Fariety to full or prom, \&i, and will no doubt be hetrit Fariety to full of promito, awd will Ho doubt ba hat

Mr Morrss toay foo sald tohold thas in nbherrevec, and litulo wholesome nefar! on the jart if sande an atchr urowers would no dubt result tre these, planis dowg better, and being much more sativfactorily cultranted Crowera-hot, blil-watilated, close houses wull not, and oannot be made to grow heathy specmens of those the winter gand early spring montix. I will be found necassary almost daily, some artificial heat is given to the laouse, and a free circulation of the air allowed by plentiful ventilation. There was no evidence of bent in true charact
 Known as the Dart ford loam-gseect, and full of fibrs momes, and of a randy nature. It is in this alono that Mr Morrisgrows the plents, sad then it is not s.fted, but smply broken up into sman. I lumps, and so used for pothin, purpacey, Auration of the rovith is a syomal

 earthenware pupes are placedin thesol, whth the opentags just above the surface, gati this 13 dnao to Dbtain a free circulation of arr through the body of the soll This process was being applied to acortan number of pots, ind it was nnticeable that the plants, the
roots of which wero so scrated, were an is very healthy coots of

There is no doubt mull both of trith and fores in the retuark uftent made, that afbll plants tho tar egated
Zonal Polargonium is most likely to aufer from overZonal Polargonium is most likely to anfer frot over-
propication. In tho qeadral race to zot new things drstribted, pepect uly at it me when so many new
 plands succumb to a rieroup mode of treatment. or pine spay to a state in whtch 1 fo and death are beld, as
it were, in a balanre Amateur arowera, without proper applanees for gross ng the planls, have to light gapainst than etricts of tebil thtyon, in addition to other actudents common to plant life. It is the evils inct-
dont to tho poisfortupe of over-propagation that MI dortas cysays to lesscil by bis sorucwhat novel mato of oultinaton, cretan it st that ta fir as the results be concluque on farour of the methort of arration of the roots adopted by that gentleman R. D.

## Miscellaneone.

Covane Garden Notes, - The supply of Brocooli (Comath heads) 15 now on the decline, no tho meason mild antruma and motd-winter, the suppily sent from Cornwall to the market was very large, the enormous
 bo zeon from Ale Market Reporte, the Potwto trade 28 opn ewhat dal, ar I has heen fo for somo week payt, notw thatand ne th *, wis earn thint the Awhage weekly fuant ty brobit to h Das (ross by the freat Norfate of 1,001 ) tons per weok, and that a short tame back 7,000 tons were dolisered at the samo place in one week. New Ashleaf Potatos, grown it frames, have appoared during the last fow days, but in fery limited quantitien. Cucumbers, wituch ere pracipally of the syon Hobse breed, are noff petting more plentirut, and are sold at from ls rach nod nipwards. Thare 18 a small appply of the linghly colowred kady Apple (the ApI of Hopg's Fruit Yroval), 10 excelient condition, ant mheh ire sold ne 1.5 Gid. per dozent.
Lichro-Lessons from Gracestones.-Few botanista have pald suy sttention to our rock-loving Lachenr, country is at sers lous obb this is jeet in this regrettied, for the beautiful part,-coloured films and patches of tegetation sh crmmon on archatectural remains and exposes rocke are well worthy of closes objeots wheh disinteqrate rocks and stones, but the tume requirod for thelr eermination and growth hat hagg hit apon the point. Revently an Engliza botamist upon the dafed monsments and gravestones of country of twenty yeare for a fiound that it requ res a poriod edult bize on a squared etone; the growth of these prethy rosettea of gray and yellow colowr, a ornamentas oxpeoted, excossively slow Rulder might havo beed

## Gardert Bpetations.

(For fhe ensurn7 ireok)
Ture thifting of plants anto arareye-s zell potz, or, an we of the craft term 1 t, fresh pothige should now be
proceeded with in the case of store or other plants requiring auch and, as suggested last week. Space will not sallow me to groin detal every particular in regari to the exact consistence, the richness or otherwise, of soily whath the several speries require, or to state how
firmly or otherwise padividual plazte should be firmly or otherwige individual plante should be pottod, sc. I mas, howover, point out in general Lemers a fow partheulars, which are absolutely pecessalty to bo attented to by those who whish to be successiul ta the treatment of plants grow in pots Hard-wooded speries of plants insariably requre to be soluly and firm's poited The romposts ussed on potting tharm an th be ko compoxed as to ammin it umpairug the needfal asumt of framuge,

Whath is so neressary to cause the water given to $t$, flom as free ) away whatat shournes the soil, of dranayg and an injudtelousis prepared aud wo tenacious bulstane hard-wonder plants, moreoter, do succuluat nabure, bat require a larger amontt of realiy pond material of tho proper sort, as they
recelve bit little henefit from luu marines, which recerve bat little benefit from qui marures, which
 to the $r$ ft-wholed pant 3.5 t t to the hard-w onded one, yet $\pi$ rafferent mode of mixiga tho materials is ren isite in preparing is sut table conpost for exch The bard wooded plant stiould laye as much partis decomposed fibrous matter as possitle soft succulent glants posect subatances. Themr growth is saphd, hence what is aforded them withri the smatl compriss of a pot shoula be at onca in for their the, for if this 18 not so ther r jrinematatrowth, w it he made beforo the compost may be maxel freey withit tha lnark th the cese of all pants of quick growth The grosser the ferilag capabusties of piant, go much the stronker also shotid of stimulant given be; but others less strong though of rapid development-surch, for instance, is Chanese pecomposed leaf-riould. The plents of slower gromth decompogod haf-taoula. That plants of slower gromth ove pott.ng 'The mainure should be applied with jodst ment, and only fath as is thoromibly decomposed and $1 s$ ecrtaia not to injure tho component parts of the compoat un admistrare. It only ramains for me to add that the longer the intervals whi. It exist between cach potting so much the morg permanent and efliciont should tive dramage be made. large erocike should be placed over tho large outleta at the base of the pot,
and orer them a lafer of notsherds broken so small 10 , to prevent the soil finding ts way down into and amonist the crocks, so as to chome np the proper chanuel The more sicceulent in geveral a plant's roots are, so mind the more loovely should it be potted, Give the final shift to anglate Cinerartas whicti aye needed for a suocessional dispay They should, how. poting at thrs ime. linelh back the youm aboots apon Fuchinars rtarted into growth, as prevtouzly advised and cont.vue to propasinte any Farjetiss of whech a more ertenstve colledtion is required Gradua y advance the tomperature both in stoves and in Orchich-houses, atd with it afford a proportionately lerger supply of moisture. Be cautious, however, at this early period, not to causo or parzme too much water to lodge in the hearts or cropns of any plants, or it may causo the actual growing parts to broome decayed Above all things, attend to the
fumigation of all structures likely to harbour or to fumigation of all structures likely to harbour or to
produco rabeot pests. Always endegvour to act זipon produco inbeot pests. Always endervour to act ripon
the prevent.ago bystem, by smokiog ali such places periodically.

## Foncrug Tnteres

The temperature in all Pineries conthining forward successonals should now, as the season adpancoan, bo increased to a imean or about "3 by night, and, with the asartance of sun-hest an increase of from 12 to If by with tepid water both mormings and aternoong When the days we bripht and dunny, but only
 prevals. have a prahly potten suekers or eromis degrees warmer than the temporatare of the house in the morning of fine days, though muoh of what 15 necassary masy be affonded in process of syringicg by experienced bands aad those who clasely study then on therz way very evenly, wh the lonet oheck they recelve so deringes their drans as to cautse thom to thed the fruit at thas atare. Such Peach and Jfeclareme howers as heve frutt mithun swollug freely, should be athonded to ith tho mattor of thinnug or puebiog back the yourg ahoots, The only safo way is to go over them carefully at iterfals, and by tak ng out a few of the pareat trees of their hurden somewhat ease sich an advanced state as to bo about to commence stonug a more decided action, as regarda pincturg throw ont shit ragarding mod spider tho onl her Fontive of which regardige red Epider, tho ouly proeleanlunes, for they aro fure to follow un the wake of a negleot of ane or ill-success in tho other. The nest uew weaks wid bo favourable to their forma-
tum upon many indoor subject. If there is ono nreveniave better than another it cons its an a tolerabty free use of hotters of sulphur, and an abundance of atriospherre Eur id.ty

HARDY AI ITFR GABMES
Those who hase delayedt to make the necessary sotink of Sureef reas atiould do so nt once. These are far mote beant. ful when sowe tintus eariy, anti bloom necessiry to sow then anmer lieat sens the customary protective reasures, Sweet Peas are far more hardy than many supprose them to be Many semi-haty perennials, sulub as Pratafemons, phlores, pypthome sc., Which, from their rarity, have been tept mithin the protection of a cold frathe, should now be planted out into the open border; preas tho soll firmiy around them arter plating, and by any other menna sceume hrom against qudden storms and stronp winds. Evan in placea where on. limited theanserist it will now be
full time to br ng the atock of Dablaar to atart them anto eromih Hkerabiar to light, nid in 1urease the stot by cutt.ngi, it will not be necessary
to force them on by placeng them in ${ }^{32} \mathrm{Ezs}$ prowith the greater whas be theire modethes may be required
hitciles gardey
Sow a fow Cardoons for carls use
sowing of Beet upon pood treurted $\qquad$ plenty of manure phacad at the bittonio of the $v=$ groutal becomes fit for the operat.on. as ate Arfuchoker Makes buccessional
Brord Bearts as soon as Lhose
boverreund af plantatacos of Rhutstr that nced ot Mace davidug the old atools and rep,snt ng tifer mazured fresh soc. Sow Cupsewns and


Grass prots and lamas shnutid biow $0 . \quad=$ quently, as thas operation nu only tiazke. firm, smooth, and clean, but renders ta
earar to mow. It wili bo necessary mowna at once early in tie noler or 18 on the ground, is tho best t tre to tho geytho of with a momin' machane, later When the pra5* as dry Grass phate 11 tow shonlit not be cial quite so cluso as at usis, the country Tan firgma
corerink wails, trelals-wark, se, shom 1 in or otherw so secured Have all the off, and the letodug branohes searyed. Chry are now Erowing hat, if dwarf pants ar shoula tro pepged down as previnsis comarg up and will regu ro a latlo nthent of alr sheuld be afforded them in fine \& they should recelve occas:onn.ly kigut water Herbaceons planta may stifi be planted, if plenty of earsi rount therr routs. the most useful plants for town garcers be sown, and algu tho emmon Tormeatua weli in borders, and make in frech, sown in boxes on the laleony hlyata he an havernd hasering in may rotten duar in the autumn they whit flower well ne gethine forward, and if slichty seasoll Tr ape and durjng skorms weat a ( r , thicy null bloom for give great salislactaon $J, D$


> kasib


## 




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18, Hanoter Equara, Ientom, W
Che agricultural Gazette. SATCRDAY, MAR'/I $27,1809$.



Wis some weeks ago called attention to the fact that tho farmers of England are but scantily represented in the Cozmmons Houto of Parliament, It War a phenomenen, not to say a scandal. that constutuen ats consisting almost wholly of thoge Who caltivato the moil should send up soldiers, lawyers, noblemen, and squires, bnt no ane really representing them-so fow of these being ngriculturiste. Thanks partly to the fashion set by the Rayal Agricultural Society of England, partly to the real interest, for all educated men, of the problems which agricoltural improvement offers, the agriculturist is met with now in many other classes as well as among the actual tenants of the land, but that the letter, who may be said almost exclusively to hold the county franchiso, should dasregard the special agricultural fitress of any candidato for the county memberskip, aud conader only the nomination of the leading country men, was not only anabsurdity-it wes a disgrace. Thus was one of the points enumerated as indicative of the present status of the tenant-farmer in this country. No doubt the necessaty for a special or professional representation of his class in Parliament will pass away along with, almost in adrance of, that undue subservoncy which at present hinders it; for it only needs a general idvance in intelligence and resolutron among agriculturists to atta.n, without the and of legislation, many of those aims wheh the most advanced among us propose to achere by durect enactment. Neyertholess, the progress sought will be materially hastened by the presence among our legislators of men who haro the confidence of farmers; and if morr of the counties csanot send them up, let us hape that some of the brough constituenciea may act for them.

The City of Hereford is to elect ita representatives next Tuesday, and onm of the candidates is Mr. C. Wren Hoskyess, woll koown to the readers of the Agricultwral Gazetif- well known, indeed, to agricultaral remders everywhere. No one has done more than Mr. Hoskyns to illastrato the influence of Finglish history, and egpecially of Einglish legislation, on the condition of English agriculture, no other English writor has done 80 much to illustrate the charm and extend the interest now generally felt in oven the commonect detals of land-owning and of farming $-n o$ one, wo mey add, ded more than he to revive the steam cultivation problem, whose achisvement has been at length such a great

agricultaral influences and molations, and of agricultural hastory, before citizens and eity audences, we can hardly 1 magnua is more appropriste representatave a l'urlament of the chief city of so purely agricultural a county as Herefordshire. Any wie with so long an experience as a farmer and $\pi$ lealowner, and with auch a hely and 1 trion il apprectation of the difical tiey. diun to custom, law, and preju lic.-ation sat
 by all witellosent men, howerar he imprit qotern 3 party questaficis. Aud, speaking for tho dgrecaltural interest especinily, wo venture to oxpreas the earnesk hope that there is a majority of the Eereforidelectors sufficuently alayo to the intimato relationalup of town and country, to choose a nan of their own county (most unlikely therefore to lose bight af loenl nuterests?, who is so capable of represestung looth.
IT 10 a common opinion that "crops draw the ground," or exhaust it, in proportion to the longth of time they occury if Mangel seed, which 19 hervestod in Septetober, is more oxhausting than Turnip seen, whech $2 s$ harventorl in July. Bape, fod olf, and then allowed to stand athd eprout "hann, proves fery exhaustath, the sarae is
observelin the rn-apronting of eabbage-sfalka Thas 19 dulfintt of explanatied. The theory of plazits evtakitig simmorias has somacturaes been deagged ut, to account fur certan anomaties of this kiul. It dues not uppenr, however, to be a satiefactory explanation $\mathrm{ma}_{2}$ those matances of exhnustion just given. It call hardiy be sup posed that the process of exhalation can be granteet in the lagt stagen, whar there is the least number of leaves, and then action must be
 an the arr, mad cenutantly ubsmbeal by the earth,

 the upler 111 inches of an acse of ground might coutam $10,000 \mathrm{lb}$. of ammonis or combined nitrogon. This refars to clayn, whech absorb throe timos us much, both of wator and gases, as gands. No doubt the etems of planta in the lnttar stagee of their growth, when they become



 greater exharstiet of the soll, by feeding of Rape when it is ohl, ald tho stems remmen untouchoi, compared with that of feednig off the crop at an earker atage, when tho stems aro succulent and aro oatenn to the grourd, Buat there ara exarnples of exhanstion hy firtame cropa, caten close to the groutrif, which are st Il tinexplamed, anl, wn the Avorrited that it $\mathrm{m} \cdot \mathrm{kg}$ epen le allowerl to blossom and riperita seed without insury to tho suchedmog crop of Whatat. Wh thanls, however, that thes solds the crop of ceert pmoses nowe exhamating than the crop of hive witen tho aftormath is fed Wo are ac ${ }^{\text {dines }}$ ted with a consuderable trict
of heavy land of infurior il talaty well alapted for obarcations on the manuten unco of fertinty, Just ass a Weak minn is a better snlject fur
hyoriothe observations than a person whom
"Hothing can hurt Mixed mith tho clay nro fine whith sand and urra a thin staple rests on prove in hulden ctoro of fartility, and toes not bo subjectod to long exposure and hberal manaring, whors bromght to the sitalace, to reuder it sis-


 gatd, for expermental prapasma, Italan Mregraso aril peranmal Ifye-grans are espocially mition for Wheat. In somio of tho rich alluyal eoils on the fussex const thrir instrinous effects, to whiturat canase attrubtitable, are countoracted by conservative tandencios whach maintant its condeton, it is difteult to say. Thas rich land, howower, is unusured by Rfograss, whie cu the hungry notl it proves a torrible stultge. Of course, if the Grass were allowed to Field seed, wo could und retand the
opposition of tho two graminaceous planta ; but
 Wheat The commen obarration of antelligent fasmers seadom crra on thean pomins, awl th sa conclusive that Itanan aud othor Mise-grasues are injurmas to Whost, ovor uben thes are nut nllowed to produco talks A fow acruo of Italuan Fpw-yrasi kown ior early fied in o large firld,



 and wastang awny of ebcey paricle of Cirass ia the greast pongt in growing a good croprof wheat sfter Italinn Rym- praws, intul thas treathretat an? rominitng wis foklowed by a madinge erop of Wheat, insteal of whe that woald 1riesto ahis
 that, aftor the i refoil atud Whato Ciover, though the latter was unmanured. On the same land both Barley and Wheat, when sown after Tares, whatever the subsequont cultivation,
utusually strong crops as regarin straw, with a yield of graits, gemerally large, but alwaya of mferior quaty Threo nereg of Taras wrye cut for soilung, and tho reat of the fiekl, being of sw des, was eaten off by sheop-the Ta, ia land Wha geveral times plougheal and W74 rowt in groul ordat with Barley It groldtul attle uspry ithrtera an acro, worth 43 s . A quarter, the rest of tho field yoclded a little less than 5 quarters, क्रorth ulle a quarter.

Frot ably the results in this mataneo, and in someral others wo hapo referred to, must bo oxplamed by the physiologist rather than tho sheutist. The mechatical coniltion of tho land has great antineuce both on the quantsty and tho qual ix ol thas cup trowing on it. All corn cruptr rmure a clean siod-bend Tven (fresu that is dead, or noarly dead, and almost entirely turzed urier 1 y tho plato. injurions to Wheat. It is much injured evon by small annual and othor weeds sharing the ground with it in the early stagos of its growith. Black Grass, and woeds of that family, are atill more imurious. In what way this saragele for exurbence ia carried on, between plant and plant, not fulty underatond, funt thrres as strong esterica that ther the the byith of thear fion.


it is thu smmedrato surfare that absorbe and fres the gaseoth atmospheric food, and the smatlest weed shares it with the cultivatod crof Porhaps the supenor robustness and vigomi ai
weeds give them the andrantace. Lamolestal, thes whuld 14 tame conquer the whole surface. L.ko barbarous, matathling tribes, apollag the

 tion for a crop as suts its spochal habit. Red Cloper hay as a properation for Whent, 19 a case the same cowstituents that Wheat requires, no oth 1 crop 13 so good a forerunner of Whes
Apricult iral chmoniuta explain this fact by stat.r $g$ behu, Wh. With regard to its mumeral congatnomine, they say $1 t$ gots them from the subsoil. Wheat,
ther, wio suppose, gents them from the top anl, W, th re, purd to its matrojer, if which there ar Wheat, it gets it from the an avernge crop of decayed leaves contain a large store of nitrogen, wheh 13 returned to the soil. And so (lover is
an fy elleut preparation for Wheat : go says the trast, and sis anys the farnser
of the two plants i willo, ori mint and leasis
 Italaan Xye-grass. One of theme removes an axerpt oral quastity both of nitrogen and mineral or utituesits fiom th, \& on tho reraralions for Wheat is hile hye-grose, ferl on tho annel, itne of the wrorst. It ha been some sama famsly, bat Barley and Oats aro of the same fandly, ami jet they follow Wheat readily, andin tact the wiadnat and best learley is conumonly grown atter theat If it be sadi that thesso
cmpa are auwn tive monthe aftar the romoral of the Wheat, when the winter's ermositia of destroyed all possible taint ar anfluenee of the kanlred erop, it may bo said in return that
 repotation ur folloms wach other kutw t whould not bo repr ated tor ofter. Fanco are fon


 alleed to the common Rems 1 loter as
In thes respenf bit then it is a robud prame


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There was onee a very comfritable tre.. explan the object of a rotation. One in led Clorta, for ingtanco-win fapy exerete the nadigested portromy of tite fu it was no longer able to onenpy the and, came a crop of a different - ang When
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ri mans beyand the boundanes if i is knowlelgo, there 19 的 wide tor... . Ir is physiolngist m 1 tha chernat to aci, ir

- Ar Mark Lane the trate has beon it:
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Whte Clover is $4 s$, to $5 s$, a cht wearer
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OF YoBt．Floyentia 8th is a
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win other frasales．When RD DVEB ghy wat brought into lie rink，the －Fiblodrited by a bold bid of 600 ge from 0 gr by Lord Dunzuare，to whom this

isman is purohage of 4 TH
，for 59 ：－The Bates bull， though bringing
 as Mother $h$ ra，mondom lien，






 ber lie large sum of 80 atl frare［＇ 1 be attention and］． tomella－
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Tiny 190，

 must be content to refer our readera to the published catalogue，which is exceedugly invting
—— Mesgrs．Cruickshank＇s annual salo it Short horna took pluce as usual at Sitityton on Tharsday laste when 58 yearing bulas suct su yearling haifers were
 Le ．irt，ese pirices did not reack lhose of last year， heifers $80 /$ A mongst tho best pricas on Thursday wr （Mr．Beodio）， 58 ga，Wsindobr Castire（if．Gelkie）


Mr Marr（Mr．Loggrore）， 47 gar ；Jucit （rinham），is Marr），dig Be．，ORTHOpox（Mr．M 45 ga ．Of tho heifers Panity（Mr．M，Grahana），made 38 ［8，Lady Sally（Mr，Scotl）， 85 gs，Butterty（Mr
 Wilson），Amelia（Mr，Copper），and Golden WFacat （Mr．Marr），reaching to 20 ofa．each．Grores Pra nouy and finty aro both by Fwricaralte toek Byzons．

## A CEAPTER ON POTATOG

THE Council of the Birmingham Cattlo and Poultry perfect $a$ ar lists：and a further and usefal step to this duep at was talcen last year，when semante，＇sues were for the first time opened for mamed varieting n？Potatos＇The guestron as to the besk plan of exhibiting Potatos has undergotie considemble discussion in some of our hor tscaltural journals，without producing ang genera！ agreement；but a course hus been adopted at Birming－
 were unat wat fin tory is must，indeed，be every
 $\therefore$ to．It the in m，hr F well－known varieties in are ohm In adopting a mew system，the Council
 sfying cattlo by breeds instead of age as plan generally Show．As we stated on $n$ former ，+ ， experimetu of an improved plan of exis．tha HE o Lat a writer in the Gardeners Chronsele vers pruperly



 antrame to be ratist




 the new regulations．Tho entries numb－1 $i=$ if whioh 63 were entrt and，bearing in mind the drought $\therefore$ ：I Iti nmmer and autumn，the colleotion was su ti．．．sary ，pod one；and a few remarks on the dif－


There w．$r_{1} 11 \therefore$ ：for matmed Potatos，as Collows furtaf h．Inas＂srrs＇Rosel Ashient Kilmes， Gioucestershire hidney，Daintrea＇s First Early，King
 Red Regent，Paterson＇s Victoris，Skerry if up，and an
extra closs for any other named warieties．Of conrs， preparing a list of this kind there will alwaya bo some
 the best kinda in caltivalion at the $p=;$ ： most of which have bean extensively $\mathrm{r}_{1}$ in＇ ＇r
 dearrable tha＇its cultivation shomid be kept us，as there is nothing superior，if its to it in gunwty H ，ro lisal Ashlenf，which is a favourite in nuarly all parts it 1 hse country．It is a grest oropper，an： 1 asc vec，well on all descriptions of
we believe sent out 16 or 18 years ago nt int，$n$
 Well on atronge goil Which is not the cew $n$ tht．$a$ ．．．
 larizer it is a Equit if pher，the tubers yery te ular

 vers extensuve．j tid shercearfuly grown but it has noi

 beconke care in the chece of seed，it may gyan II hite fizat The next on the hist is Mbelers Milky of Gloucaster，threes or fore rears spoeeler and Son valuable addition which has bears maile to our mosh earles．The Miliy whito is of the fone socond quality，really milky whate in appearance，crops well on light of on strong solle，and remains in perfection p to Curistmas，or even lator if carefully torem－Ot bui mppreciated．Wo but little，as it is so well knowi and appreciated．Wo may，hotverer，mention that the stze Thera wero t tro or three loth of the Queen of Flukes gent to Burger Hall，which ware que paske over by the judres，$s$ thin pril，which were not pase
 terms；but apother ycar it may be fairly required that none but the original Fluke shall be admutted to th clasg．The Dalmahoy is not so well known in Eogland的 it deserves to be．It was suised at Datmahoy fin Scotlard，abouts，we beleve，twelve yoars ago，and has We undarstand，to n conviderable ertent diviluced the White Regent，pri wh all it is a great improvemozh，in that part of tho kingdom．The Dalmaboy is late white round Potato，the skin being rether rough，of excellent quality，and a large cropper，the tubers being usiform in eqze．Tha Dalmehoy is more rigorous in growth than the White Repont，and has
 latter has proved a comparative failure．We beliove that a large portron of the Potatos now sent from Scotland to tho Loordon and other markets under the name of Regents are in reality Dalr wheys The Erd Regents in many cases proved a sad $r_{2}$ uire in the grat Fear，and particularly in thes neighbo urinend，so muinh
 t！，pe are ？ 1 ，
 We have seen，at the Sparkonioe Cfub and other shows，spooimens sa round as a oricket ball．As Milky．White for a seend early，so Paterson＇s
 able additions to our Potatos．It whit wat out fell yeara ago by Messrs．Paterson，of Dunder，Mr． Patereon，sen，as meny of our renders are aware，havimb given much attontiou to the oultivation of Potatos for

如den whers there is room for lato Potatos：Whale is

 wall be most extensuely planted in other yarts of the
 teseful sort，and partheularly for growing on a larie wale．It esepe wal，hol v watte，and tas beer（re quently teported unan in the Agricmitural Ganile and ct．er pournais as reastibk tho disease bether ibar auy Gher tonatu．There are come other ra uaboe vametes III fahtanton bentien thmo ure rave chumerated，momo of thetr of lonz btan la，sind nest whwh wo may Itint on Jiatt＇s Nheat $K$ uncy and helloghtun．

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## Foreigh Correspondence．






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## Notices to Correspondents



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SUTTONE＇＂BEST QUALITTY＂MIXTTURES，－Two busbels of Grans Seceds，and 12 lb ．of Clovers and other brall Seeds per aere， 28 ．to $\$ 28$ ．per aore Carriage Frec．
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SUTTONS＂MEXTURES of＂SEEDS．
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SUTTONS＇PRIZE SWEDE SERD．



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## A ATE panition

Price 1s．per lb．；much cheaper by bushel



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 in eafety; yet, when doctors disayree, who shall decude ${ }^{\circ}$ How can wo reconcilo tho many conflicting statetmants made on the subject of Hrating Vime-Borderb? How ehall we puck the solid grains from th.) great amount of chaff in which they have beentse enveloped ? Tho sulject itself if one of very grost importance to Rardaners and gardening generally; that it is considered so by the former, is fully borne out by the fact that so many of our grwat gardedero have taken part in the dis'usenon-wol whose names are in thamselves pillars of strength, aud whose opinions on pobjects horticultural are entitied to our greatent respeet. yot 1 th this nistance we have had morn aulvocatiug what the others in a great rimaure condemm
tiraper ary frown to a far creater extent, and in general with greater success, at the prasent day. than they here been in any preceding tume. Thers are very few gardeus now-a-days wheh are not in propession of therr ines and haeries, and every gardener mizat per force underatand ther culture, so that the question as to the necesenty or des.rabulity of bottotn-heat tor Vineborders is one which it it well to bave thoroughly cleared up. It is a ${ }_{1}$ testion which luas boen often debated and dise usserl, aud, as usually happens in such cares, a gomil leat mny be said on both sulea 11 , therefore, thelatedactustion he and will prose is usefus atoslo us tuna to enome.
In a broad aftaf - loutom hat may be dexenbed as a wamming of the wall sbout the roots. This may be secompliwhed in ferours Wayn, and by vanous means. We do not rosthot it to the applicatan of hest from below. Then

18 gcurcely at Vine-border throughout the country whech is not inore or leas warmed 14 rome why or other. Every gerdener an this country, care, whale supplying entough feodag matorial, to have has border laud warm and dry. All admut the necessaty of warming so far, and It is absolutoly recersary 1 Li simmo situations to pay extrome attentunt to this point Some and require more warming, \&ic, than others. Thus, thereforo, thoull not bo lost sight of in speakung generally of heated borders. As to the mothods and extent of werming. We have, in the first place, the aumplo dranning of the ground, paving it with brickbats, fen., which are almost udipersally practised; then others may bo, as it 18 termod, aferted, which 34 elinply well dramed, ard a very' exeallent ancthod it is, hot-wator pupes, or hot munure, dic., 212 various pooitions, and to a varying extent-mmongat the brickbata immediately underneath the roots, or in capacious chambers below thom, as in the Kangits appareat justulication, by Mr. Westland have been the priticiple cause of this duscussion There are, besides, many other methods of ancreusing the astural warmith of a Vive-border, such as elevating it above the surrounding level, protecting it from cold and wat, husbanding the heats of summar, applying heating maternals to
the surface, or forming it faside the house, \&e. all of which may bo more or luss recommended.

A certain degree of heat for the roots of Fines beins thus considerid, by all partabe, to be beneficial, it seems a simplo problem to determae what should bos ite exact amount, yet it is on thus very poivt thist opirions aro divided. know oxactly how much to apply to the tops at all seasons, but how much we ought to apply to the roots 18 not clearly ascortained. For the production of early Grapes-Grapes to mpen in April, Mr. Westuasd gives it as his opinion, that the temperature of the border "should correapond with tho mean temperature of the hourse, ${ }^{3}$ gay $60^{\circ}$. Mr. Thomson, whose experipusuming this to be correct, we have here come data to go $\mathrm{b}_{\mathrm{F}}$. To attan and maiatan that degred of tomperatare it is absolutely necessary to have reculre to dire-heat in some shape or form the bordor wiast, in fact, be warmed by hot-wnter pipes. We therefore give our rote unheatatingly in fovour of Mr. Thowsow \& pradtice (see p. ${ }^{27}$ ) as being the minplegt and most effectual. Although in unskilled hands heated borders may be aad to be "dapgerous thinga," it is showu, in Mr. Tromsox's letter, thet in gkilled hands they are excerdingly obedient. The chambored bordors at Kiugston Hall have been conderaved by those most conversant with them, on accoont of the expenso of construction. We produced by Mr. West Land, but, when we take into consideration the enormous expense attendant on the formstion of these borders, and the condition of the hinee durng the past reason, we must join in their condemnetaon. It may be sand, that a good thing sis not dear at any price; yet if the same result can be producel at a leas cost,
we prefer the cheaper plan. Mr Westrasd's propoeed bordor, as propounded by Mr. Arres, seems good in praciple; nevertbelces, it seems to us, that unless constdorible beat $1 s$ continuously kept up-which 18 objectionable-the border
only become heated to a very slight degree.

We come now to connider the recessity for no
bigh a degree of earth-temperature to gtart Vines good practical हntimer, seya $513^{\circ} 18$ much prefer bble. Mr. Miller, Combe Abbey, and others say somnthing to the same effect. We have beard
the argmert used, that if of November, it is equally to in Decomber, January, February, nud March, yet the adwocates of the heated boxders do not deam it neonesary for the three latter months, and why? It may appear rather paradozical thet those Vinea which bear the beat frust, tho seanin sapply in foot, shoold requare no esarstanco in the way of bottom-heat though that is foand 4o beneticual in the caso of the othene started earluer, -that the Vines fact, atart into action without bottom-heat at the season when the earth's temperature 18 at 1ta Yery lowest, und brautly below
that of November, whan euch heat is
deemed necessary. The average tempersture of the earth, as noted at Chiswick, of a depth $40^{\circ}$, in March $44^{3}$, and it is the vary end of June before $60^{\circ}$ is arrived at. It then riees to $68^{\circ}$, and in Soptember sinks to $61^{\circ}$, October $56^{\circ}$, and at 1 foot the temperature is in oummer a little hugher, in winter a luttle lower. Cur well frmed Yine-borders are, probably, considerable
warmer than thus, yet here we havo the flucwarmer than thus, yet here re have the fuc-
tuations shown, and some idea of the actual temperature realised, and from that and our own prachcal experionce combined, we draw the conclusion that $60^{\circ}$ ia an extreme tompersture, and higher than necossary to start with, even in November. The earher Vines are forced, the more dufficalt it 18 to get them to break. It is unnatural for them to do so in November, end they hase to be forced to do 1t. This is the reason why a higher degree of temperature an in the one case than in the other; it is sound doctrine, as they will noturally move in epring at a much lowar temperature. Roota grow to some extent, in favournblo entuatione, during th winter, while the tops are yet dormant; in thei action they are always naturally in advance of the tops, but when forcing is commenced in November their action is anticipated hence the
necessity of a stimulent, and the farther ou of the natural course, the greater must the stmulant be.

Vines forcod ently one season requre less forougg the following one. They serm to get used to an earlier geason, yet, by contmued forcing. Vines becoms exhausted, and require renewal much aconer than those which are allowed a moro natural lifo. We heve seen many excellent crops of Grapes producod and ripenod in the end of April and May, by the hasbatedng of the heats of aumuser in early dutumn, and by protection from cold and wet in winter, with the addition of a Lutle formenting materzal to the outside borders, as well as by the use of inside borders, of which we muah spprove for early work. And, aymin, for very orrly Grapes, we are greatly in fayour of the uee of pot Vines. Thoy can be forced at a much less expense. This, in fact, is the only purpose for which pot Grapes can be recommended, viz., to bridge over the gap that may exist between the late and early crops on the permanent fines. Thus, although we approve of Ar. Cromson S method of applying and look upon at and almular mothods as great feats of horticultural, skill-yet, eeong that it is apt to be mismenaged, and that equally good Grapea, und a continanus supply, can be procured without incurnag that expense, we are inolined to say-Let well nlone.

After all comos the final question, is it nocessary to force Grapee so early? For those who prefer rewly ripened fruits it may be, for those who are content with woll-kept Muscate, Lady Downe's, Alicante, Mrs. Pince's, se., it is not. Mr. Miller, of Combe Abhoy, one of the most zucceseful Grape cultivators in this country, who objects to early forcing, statug that by the sud of the fine late Grapes now in existence, he 18 anabled to belt the year round without at. Remembenng what wo do of Mr. Mrlese's freahly kept Grapes in Maxch, as well ss those of Mr. Thlyard, et Stanmore Priory, and the oxamples of Mr. Mrreditir, Mr. Stevens, to be seen in Covent Gardon, we decidedly grve them the preierence. They are zot only not coarse, but rich and lusosoas in comparison, in our opinion, with the newly ripened frait,
axcepting Royal Ascot, in the end of Maroh and begraning of April. As they ean be kopt so well now, at mo much less expense than by forcugg, we fail to see the utality of forcing early, and this conclusion does away, to a grent extent, with the necessity of having hot-water ppas and heated chambers underneath our vine-bordera.
to A Untykeshl agbicultchal Congerga is July next copenagen from the 6th to the 10 th
 bines the following fetures -1 . Reports and diratisfions on sgricultural matters, $2^{2}$ Exhibitions of and farthared elarses; st. Exhibition of mplementa machines, fo., coaneeted with grioulture, forestiy dairy mangement, the chase, frebing, beeorltore and ture, forestry, ic. 5. Horticulteral axtibition agriculistefr, which more immedstaly oomeeros us is is charge of a mpooial committee, consutimp of the Baron gion and M. TyaE Roter, direstor

 ratar rded, fruit trees and carden plants end cut fiowers, oith yual hural products, as preairred fre orect,ons, beating apparatus, and tonco dikenton to exlibit ordes mand loth of June to the Secretary, 3 I) DEasst at plads No. 13, Copenhagen.
Whastion in reforence to of Narristry species of Narcisaus next jear proposed We may isi, Who are to be the sujpes Are re to ta back to tha or ann of lame rour to discover the landsome but somen he youth who 18 sald to have been the anso atime of has race? No, surely and ret wa at the roat of the tuatier narkel, tho process would be garcotic in ths elfects. don't supposo any three botaluste mo more then usually var able vernus. his own opimions on the matter ood, HEnher BoIssrex, so also M Jorisas, bat asourted the bor to the inds of others. In this dilame judge it the forthomine erhbition to do tame enough to consider thin matter, sad to be able to anuounce that
Royal Herbsrumm, Kew, has kind \}, Ddation reguest, to preparo a few urotes on thas pese

 the state of squenco as regarda the cultusted Mr Hakse's remarls in an early number meantione, as it is desirable to know cotusily are in cuftivation, bily of tho may have spermens ina an kithe tron, will be alding $1 r_{4}$ the good widk specimons entier to Mr ]3iact, or to ourseras Gazetle, reculved from her Ma eaty s fich f Berlin, has been forwarded to us forp Slazte Anzeiger privas us some parf. Guibich of lanneberg, 12 Holsed y, sid ermot, has given gurprisulag results euplured. The leacing features culture aro-l, Turang up tho son oyed lootatos, I Leaping eact mquara feat, Lay ing the med
side down. lisy a res unt lat t
the Franisfort Agnerillural Soce ets, we
 one morgen (two-thurds of an acre my ris With 8 metzen of seed 1 metze somembs one-tenth of an Eaglish bustely, sad with ghed Patato was left 12 squate ect Anothet morgen of land, planted $x$ th
 yiglded 88 acheffer
1 scheffil of seed

## and tho produce

obtanned from $7-8$ kithefors on the same tand mo
 seed, and, A. An macrease of from تis to liv po the produce.

## two portions of a LA YEB of a Black Hsu

either бide of tho jpg which fastened
producing shoots, is the SAP rejet
nearest to the parent Vide in a diterso whioh it took onginaly, inasmach that that 15 contrary to
it is deolared
isct, howerer

## the contrary, 1

donago or ho fluid or gaseous conte place in ate direction, though the mis be in one direction rather than th nother Fhiva pae those of a pump,
though permeable digseplumnts ant The old exjerrment acad downtrands 18 a case exathy araw correspondend 8 ines, gs , indeed,
which the taps of the shoots take Gooseberry tree will readily $\$ 31 \mathrm{de}$ may
sourse could not be the ce
ne direction only, iff $B$

## A CHAPTER OX SWEET PK $\$$

 hane author of your admurab. 5 of $\$$ mert Peas, and the necessity of ent Fould have them axhbitang paring of this excellent ad
time to som Spreet Peas
Sweet Peas are just as lardy as sity
Sreet Peas are just as laris as and
crop of Racelorses，\＆ois，and among or better than the hardzest
If fould winter，this March has Dor Dens，and none of thern have biting frosts，pelting bailatorms， o－bathe，and Fithering blasts they nditli：but our Gweet Peas hava any or that the cold has bert hastiby，and all that the cold has been has been to arrest growth，－to keep them ，thia sping Fery close to the kTomad－ the pext brenth of spring the plants （uf unge and mount up their stakes ce for pery atif．
to nole a rather peculiar feature to sooner do the Peas come through tho ndgrs of earth abont 2 inches edde of the Peas，leaving a space from
betheon．The Pess of course occupy mitar，sid these ridges act the pay rilej，sud these ridges act the part arces to ther powers of resistance and the ture they reach the top of the thes are prrfer y formed，haviar put compiement of leaf clothing，atid are brave and victorious battlo wath the
phat at thas stake we meet them hast st thas stase we meet them one bas erer tried the full pro－ bare sticks I saw lately o most hate of batan of ther power in the garden thet One of the top quatters of his kitelien End bonded with an was in the same condition－ anspang at onf sinot，shere it mas in futl Winat an fortnight before the ofher poction？ wis meth bo lopg while before my readers an weth Inat to that spot two or three youpg Whturnt bath sprayed arer the Aubrietid， ＊ial dun upon it，解 to advance its flowering at an fornight．Withoul seejog it ones could ciname．But the fact bas confirmed meja onathat I bavo aid．pted w，th all early Peas for 16 mat as they are fa．rly ap，I invite them to
ufonlige them the protection and support of a Esathen loter one We generally choose aris med tripa at the bottom，and allow the alusto fielthe arar the bop．Doubtlest thus ch timalate eatlithess of growth．But I must ficrinthe fankes，or your yeaders will accuse picontwin the nssertion of the perfent hardi－ binen or thair iniantile doys，Noperthe－ anande distimetion between the shelter of
 － yonatural tendoruess．
annil in November，and treated thus， sa meiul hor outtiog of that period．For a yit they sre most offective，with one ；ritn on a stem Bj tils melhod every reyinotler row，reposing on a dringe of green， \＆nuy torten can equal and hardly any evcel，
blossoming haulm，and thes tends to conatnalty of the way，is not as scarlet Invingible Pea，whion，by careful seleation and potnts the way to greater di＝－ tiactaess and vividnesa of colouriog．A apotless white， a perfeot blue，a vivid scarlet are within reach，inc would form valuable backgrounds to many ribbon of tower－gardon arrangenents，where an indiforminate mixture canolot be used．

With these $]$ en Farieties，and early and successive sowings，or judicious pickings，no flower garden or drawnys room need be without the sweet adornment of these lovely flowers from May to November D．T．Fish $\boldsymbol{F}^{\prime} R . \dot{H}$ ，

CYCLAMEN゙S．
C．hederifoltam，Aiton．－The taber of thin 等ecifes is pot unfrequently a foot in dinmeter when fult grown； its stiape is somewhet spheroidal，depressed on tho

apper surlace，rounded benealh．It is covered with a brownish rough rind，which cracks irregularly， 50 as to

form little scalos．The root fibres emerge from the form little scalos．The root fibres emerge from the
whole of the upper surface of the tuber，but prinel－ －
forms sproy from the lower surfince of the cuber as freely as from the upper，but are never so numerous ton tinchertolum．The drawing 2 enown It is rarely so muoh branched as is shown in the and there are ususily two or three simeran from， difieront parts of the taber and growing in diferent directions．
Fignre 3 bhows a plece broken off from one of the
 3 horizontal or creeping．not erect，It produces stalks or brantebes at botir onds，and from when the beas and flowers arisa．Tins form is the＂radice ancmon or＂snemonoldea＂of some botamiate and


## INDIAN MAVE．

Tre intaresting paper on this Falunble and too minch neslected esculent，by Mr．Clorke（see p．251），引us Induced me to add some experjences of my own．The plan recommeaded by Xr．Ciarke is not unknown to mes，though I have norer getualty tried it，it is，how－ eror，sugcestive．The＂Six－weeks＂Maize＂is a Bovelity to we．Can the size and werght of the cobs besufferent to make it a remurerative crop＂The common yellow siriety known itl cominerco can be obtanned cheaper from Amerien than wo can grow it，unless，as at Ђarkisy Creek，sewage be used，and this is reported to be a great success．But what I should like to seo arown lemely as a delimous and nutritive table esculent and caprole of supplyaf blaks in the rotation of other deltrute vegotablas，in Yadtan Maize，used in a greer state，as is commonly done in the Dinited States．Do do this，homerer，it is necessary to obtain seed of the right kinds，as the common yellow is ouly fit for cattle or poultry，at least in a gresa atate．

While reporting for Governament， 10 Paris my attau－ t．on was direotet to an unequalled collection of a mericar sechon Maize，Fhich was exbibited in the mishioner，s selection of the best of these al tue Coma and in the gammer of last yent they were nlt pianted out in the oren rround as early rarden wiot is exposed to the wind and the mol gardea，whe of Tho plants mem rapid Maize．
The plants frewr rapidis，and reached to 10 feet in helenth sud Fere then secured to short stakes by Whicu means they weathered，without injurg，${ }^{3}$ gele of 30 lb prexsure to the square foot in August．They presented a magaificent appeaminer，having cobs of a size when many intelmersistorg pronounced to be tiner thatany an China or Jepan Thas mught easily bo the case，for it ss not probable that secd as so carefully seleeted in those conntries is in a selection from the best in the wholo of the 1 nated Siates，which embraces such s range of climate．Some ider of the size and consequent mal af of the new ano kplend d varieties． Whwh have never hefore th s been exbibited an swch a complete form $3 n$ Euroje may be arrved at when it Ls stated that the cobs were nearly threa times as heavy is some cobs of the best Alserisa corn，grown in this slnnd，in a girden，from solected seed，and ripening uearly at the same tame The varieties I gresfranged in halght from the 3 －loot pop corn so woll known，and rhisir riponed eariyin september，to the 10－toot aenvy blue corn，whiow ripened in October．Inall there were bout 20 Frrieties，of many suzes and shades of colour angng from twe ariee pure white corn of Goorsie which is extrencip deheate），through shades of yellow o tsmby；ofters were of a Muberry colour，and somo dark red＋a fow were of a fine blue．$O$ f these 30 Farıeties some will in time be found useless，on doub but the larger propartion will supply \＆succession of sutumal table csedents，hayige flavour much resembling Pens，and very motritions．In Not Yorl it is customary to boil the 1 sweet corn？ or an hour or an bour and ohal （ 2000 ding to the ripeness of the cob） in one theremes of the husks，byin the ends together．Butter and ealt is then soread over them．The nomber of cole I did not find to axcoed two on a plont as sin twertage and this is considered to be g fait result，mansidering the size of these tobs．On some of the dwerf varieties （one of which is remarkab．y beauti ful）there were occasionally four cobs Having no pravious experience，the plants remained unwatered during the dry summer；they were trice enfored up，but the fround was ver
devised to malico The simplest to do all other Pens．It is just ns easy， Per jodg，and by the asme nueans 4 November，for the firt ocop ；in pathat，in May，for the thind and if wone in Juthe for the lagt the frost and aould be in partially shaded places te the party of colour．and the last the plages the first crop on on nccount I could name ladies when the auch or more than the eproure
for bonndaries of Hout theans，say，they single season，by pre－
single aced，and by
some Wore extrexuly y stany，and would craawent gardea．In conclusion，I mity hopg theso flatis wad will record the dr oxplerences for the keneral benetit
 Hoxere，Guerasery

## MASILC L HOMME LFFORT

This is anng uncrean na nome cor a mon tut exceed nels uceful nrt cin．prafting was，＂pone grefle a froin ay atstens in the sumerseription in wh In th remetved Tlit
 no is well kiown，after tio parts have brem prepty jnabod and fixed，it 14 necessary to appy sorno sury
 thonjer to prebent thanmirnary ni up otherwane tio
 however，wheta only orme or tho gralta aro livide，at pretty considerable．In France，krasting wax of varmons caroposition is generally used，and it 3 frequently omployed in thas rountry，especially for tho fire aperations of has zreat ohgections its use are，th necoesity of histing fro rear the place of Work to if allowed to cool beromes set，and that it as ssme that hard，nod apt to immre del mate hark I thus takes up a grould dell．of $t$ mee，evol whati a very
The imporiance and tiser almexu，then，of the Mrut Homme let rtancila
use，will bee at on＇e seen It $14 \pi$ arabstance of abmit resembling half－molted gutta phereha，anil having
 of applicat an，besmg reathly spreade over the party wit the biade of $n$ knifn or $a$ llat prece of wod，like butt on bread．Althoutgh in the box，asray from the むir， 1 on bread．Althoutg in the box，away from table mad molst for mary yeark th wer aoch hardens on tho ollside after belng exposed th n and，its it were，hermetraly wealy up the point cats．It 18 at tha kime tume is te easatic，wod easi $y$ removed when requ
Thrs substance was introduced by Mons．Lefort to his country bome six or cust years aro，and is how tit the time largely fried in varnous mays in the hofal forticultursl Gardens，Cbistiol，by Mr．Thompson， mad is in approve of it very mack inded In ，Irufteng，tali madardl


 tarly to veromment ata use in
 have used－and 1 have traftel some hundreds．Tho ghen the Yines are growing moss is that in sememal masatuned in the hoviso in fact to aduce there to brealy strongly it is regular．y syringed Tho dins ce．is thus kept contisually moist，and ronta are
 eem st rany limest there as inat litio clande of th graft succeeding．With the Mnstic，on the contrary
no roots are poossble，hotwerer muli hest oppoded externally to the mitht and slouk，and as a cossence，success in hine graiting become

I have also foun
fuave also found the Mastie useful in planing over tham to heal $q$ intis For thas purpoge ror $T$ ine grait，ind，and for ail the morg del．cate operstions of ranuag，I stronsly recommend it further，it is very Hxpenny box of Mistics f＇Eomme Lefurt（at mhit prico kuffitent for 100 graits esin bo parchaiect，atry mornent，with the preatest finctity，nud finish the

## 的ome corresponderice．

Pine three of which were blark made and a cut ten Pines，three nt which wero blark imsute，and quate unf for table Whand，and it the atalk is amputateod all semm sol ond sond，and it and before thoy reath mys empleser amuclaned to thank that tice extmort mars welarid du season has romething to do woth If The pote at mhat they krow are well dranded，the so consast－or＇two pirt and siled charcoal，tha plants arontwea horsomitu leaves（in in stovel，the denth of whech is from 7 feat；thas is full of good leazes I rearrane plants every aprong and autumn，trenchang the who in fresh leare whe when mard beariffil pure stenm unoze feom then done last wook a stove planis on the front sitage tho old lesres．I have tull the frut is cut（about November），then they are drama thrmuga han fren theyr hood
 harm arse are pure and good $I$ do not thaze that harm arises from this calse，as ofentimeg the planty
rery particular in witer is，somel mes the symine only


 Hat latterly the buthom hat bas bean rather
 Tiver
 crrure I loa．fert very gratefo

## 

 1hast＇uolisun，who kuddy
## There are two condice which are esper ally calculated

 ress of mionsture at tie root after ibe frutit ber ris the ripro lis prapes，whe other of that of earing the


D 5 保
 eaves，and aliow ong thera to ront into tham ta ithe dull Ninter montha，must be regreded as uninvourable in Ins Thrticular case，becnuse tie absorption of moisture by the roots cari neither bo so effectually cherked

 an il alway be rarofilly dra nel，an il hawe a bottom


 Prat begais to eoo our no tuore water shoada be gival o the roots．Managed thus，Pines may be cut or
 tanch aro rid med by fer－wateritig bian（r m any atier calute．Wo stand sny thrt cond and dampat a cone on a wholesale stale where，last winter，from no ot rr cavoig thati（sor tratering，every Piog prowet
Harechal Niel Rose－Wil you kindy edrise mn the matter of a Marectal Ayel Ihose？IL was planted three zeata ngo．Last year in the emrly summer wheth realty opened，and theso producert very poot flowers．In the astumn of last year three flowers werm prosured，one of whic，wha nagnalicent．The plant cept its leaves well throuph the winter snd looked besithy It is now almont leaftese，and sp povered with multitudes of gonal buls just the same as last year， end thich will evidently come to notharg．The Rase arase nituri，bat the border liz bean well nials
 a chart the me the spring，on tho nurito of a nuraery
 a dng，I soon trathed them Lor，zontally arain The Rrme has been very spmringly pruzed，onty the tips of nnythong to mase the plant do betfer for the fint or is it lwapless to grow Hari plaal Niel out of doms
 sho o lin ly sents us ti s followiag reply－It symptoms ni deblity are sir 0,4, ant $t$ a p proxi mety and yet th is＂one magnitueent baom＂ both hops and care．The premstura dovelopment of buds，meakly，ard doorned to sure destruction，
 a was with $\Omega$ qouthern zivect Int most succesoful plan of Yral，ang Warrehal Niel in $h+$ intexrity has

 diversity of opinioas on thus pornt．There exista
pmat of the thet，tha
 annualiy planted the Vive－borders with bedde $\mathrm{f}^{\prime}$ ants，the vises hearing enormons crops of first－elas
 he binders wasta whbjenteta at
 ian I at I in Sootland and I mulut ong with no in，uriou


## stivg juirposes．Were al，our line－borders dyen for

 isefil in the shaphe of pergetalit tree bardiers of th cmp ofers wold not often enter into a garden ou mo il look like a fallow field st missummer，At of lurge dimensiona．It one of them thare $\frac{5}{5}$ feet of rafter，and and 13 pow ins．It nopers Thin fill as in the first fow years of its exastence Th a Fine hing as fect of borderto revel in ere it reachevegetable parden
regetable parden I have travol
nole distance in the yegetable
regetable parden I have travol
nole distance in the yegetable
 pathe to tins five olt tine Annther house，trophed caring samp the palt．The quarter oppos，te the pait．Tha quarter oppos，te t
 cont of thas horse anongat the spasion，and I suppose Lave hieen
yet the wall trees are in a n of ristore can test fy I woun rather 4 man frut in tbis manner，than flat tiemen ain Artado conspicus．Al aryan
Arundo conspieus．Alow me in call ativion， I believe thas wil il irove a fal in os an it fabrtcs．The fibre s ficarly nsto igh नs thast Zeninnd Flax（ $P$ temax），whlnle the Ilas t
prolific，and Eegmes at if it wnit kT． Lhus country and y．eld a henvy
stronger than our Pampos Gruss
 of a darker green conour，ratl er brig for ansis so evect，shd from 2 tri I feet in oroth Roser Morgun
Soll for Rhododendrous，－We have no batir mese
 acrount it erabuly dogerves 1 me mo－ 5．ves cultivated The ides that tr－whru＇s mit turive，except when planted in pe of peat，they thrise well，but they mas 5 romp Well grown in almost any kimd not texacious enough to knen． ．The mellow，sacay，bazel loam，but placted in slarp pravel．
be thave and
 IR pont．eum 1 n consideredby many

Caractacas＂Pur．－A now
 Barsabulutes for moderate


## fune

with medium enzel pods
and pross unjer hlasa It in of thm I），sithm a Prat


## Prmpla siander

mak sigenas－Accomprnyth merits but to show that in gdन t on kury in the liandes of Messers． that tang utimatoly produep d as deeply colmured ns are tanse The semm toute enowera comp
 modurt，we organs，they are of growtia that the singlo kiods，but are ad ans F F rembinslor zer tupon the atalk，and eo better adn ${ }_{2}$ ted for bouquets Thlust simust exclusively conlined to allat．

 the lenfatatiks 1 glte in colour


 water I hase no dorbt but that trace may gen




## 



 ont Aq far is I con gather
rimuln the followne mour
mantiy shaded with fank，burglen fra
mave；rose，or mermesing type wu moreover，ultimataly fovelop
xity of colour than now exte
vers distise fin purpa

Soner To thase ultmately masy bo万pp：non intt，ar 1 Whach w．．1， Marnig noighowuriuct having taken intion of the Prumula，we are

Proula grask Mr Rerthir a orined ara that the Prmula to sons we indrifual flowors equally sd to to see that they had almost paremere to the old purple and
 anue，Khay sill some day produco
－The disoussion in the Gardenerg＇ to aliminiog of grafted Patato，will，I moin dearing zmay suras of the uncer－ iit arias Thit 2 stock 1 zs al ways some



 －rnesami antunce of the Cytisui my that ur worker med nu：labur－
 W．i a tra ho thearime nranke－ mi entimeter：
 Ite topur table testimony evoled wilheo han tanded to resolve yuto doubt w sent bi bride Following there
 ＂olly zbibered to in the Fonts）I In tye －in haveren the eye of one Potato and Indtur is cacily fapshle of pronf as I mextuosd be placing the grafthd sets in
 क ห 1. lyw been thus suecessfully whar perabanent or transitory，hoing

 Th worthy of trial by your readern， to elub sh the lasilt．
（if any）reat datine （If any）rea diAting－
and and the bud of a i．led to manuire whys
 an！wis inw mot the matter

 ane atrected
ansfoned by rey nathing
$t$ gr bige of the eye sol bur and premising any asem that the
ant patcers lis lwo or
hat 1 mat to bes by a 4 aja $_{\text {that }}$ t
（ixat ir as twertita hs loultime
 net lis

## Socrety <br> Hart Horticiutaral Socrety



 Q．a．k，tle e mat it whether they lite）lasi now applied a lise outitry aris＋an whefe，rfter biack Aliante，and the lamau that is ins
 krown it to ereat tid bath have preatinn thant of they
aloe they would for their oma interests havo allowed it to He kerell rule at Kedsington would take the matter tep，and offor prizes for the best late Grapes in March，it would then be palen：whin h thase were，sand I for one should not


 whereas the prizes for Apples and Peara offered in Fobruary last brought together one of the most inte－ reating displays of the kind that has for a long time

 put them on racord．Dids，］
Growth of Con！ere $-\infty$ ］
？ Conders at Boconnog，in Corinwall，us inearured in
 kruwth mince that tume－

|  |  | When Intro． duces | Itetratar． Ibes， $1: 955$. | Ifetgl：th Marrly， 1800. |
| :---: | :---: | :---: | :---: | :---: |
|  |  | 145 | ftim |  |
| ＂Lembra |  | ＊． | ．1． |  |
| ＂exceina ${ }^{\text {a }}$ |  | ＋4．＂ |  |  |
| \％Hartiwegli |  | 1849 | 151 | 9810 |
| ＊imatgatin ．－ | ．${ }^{1}$ | 1817 | 83 | 6 |
| ，1910\％ |  | 141 | ${ }^{4}$ |  |
| ．，betries ．． |  | 14：3 | $\because$ ， | 4 |
| juruselas |  | chis | $1: 10$ | － |
| －1＇vehyusa |  | 142 | In 4 | ${ }_{3} 3$ |
| ＂ILendir | － | 2ta | is |  |
| Resathusi kpretuna |  | $\times 161$ | 4 | \％ |
| ＂Karsitna |  | 140） |  | \％ |
| Abies Hranoniana |  | 19？ | 8.1 | u |
| －Dauglarif |  | 1411 | 30 | 6. |
| －1．Heombiensts |  | ind． | 13 | a． |
| Moritufa |  | 小1 | 1211 | 3 3 |
| ，．Slenzientit |  | 16. | 政 6 | S6 |
| ．${ }^{\text {cinthentas }}$ | ＊ | 14， | 78 | 1 |
| 1．acpucilutita |  | 101 | 14 | 43 |
| ＂Pricmpo |  | 141 | $1{ }^{\text {1 }}$ | i， |
| $1{ }^{1}$ apospribiun |  | 14． | 5 ¢ | 1 |
| 1）Webhiava | ＂ | 1－t |  |  |
| A raucarin malyrin itil |  | 18.1 | $g$ | ＂$\downarrow$ |
| Cedrua Lemdara | － | $1 \mathrm{n}+1$ | 낀 | $\mathrm{J}^{-1}$ |
| Cupremus torulowa | － | $1 \mathrm{l} \mid$ | 1： | ol 10 |
| ＊macrocarpa |  |  |  | S |
| （Anventara |  |  |  |  |
| Cryptomeria japonies． |  | 1851 | 16 | ＊ |
| Tarodium gemplarframe | － | 1851 | ．， | 1 |
| Woillngtonis Examaten | － | 1850 | ，＝ | 2 |




 mich，gurth of stam 4 feet 10 inches，ly loxth of brameh 14 feet 4 inohen T Darodium sompervirena girth ut




## 8prinue

8ariane Cropping Tind－borders．－The prasant dis－ cish in on your cullatias frembly remitids me of tho the lenegt．But it should be borne in mind that thid profirb is throughly ficious in principle，and evar gres rito to questionable practices No man is com－ peled to chomes an ent course II is never com－
 the giroserb with trath of sonnd ethics，it should rut －\｛1f two eyls choose netiler，orspurn both isimiler principlo should rutdo us in plent－growing JIere，as iti our 0wn condurt uente uot shat up to a chulie of
 on has ne－border，iq ant minate ted to invite of allow the attenks of red eppder on the leaves or branches of his －nes＇Ilia fait of tias tie atitie，ustice to the roots
 natithetwert the（ases of both，allxiety for the well of the one is abmost 8 ，re to beate a inke zam for of those who when one good practice is commended extol another im Dreferenco，or to itt deprecietion．The cropming of Yire－borders is aither right or wrotup and it is one or the other wholly independent of $t$ i evils wrought by remp ifaler ct tho leavian of Firara urfow－sropping and red spuder orf upth enis
 cultivator，howerar fanotis，informing us that he jrefers the one to the other，The important ques－
 hosld wo bave esther，I contond that no oultivato ahoubl surface－crov his border．Mr．Thomson sajs no Yine growet should admitr rad apider，and yet some－ frow be sees fit to olfer his good advice in apparent antaprnisin to my insomptign．But the two are in parfect hacord，and hoth ara alike good．It rannot be
ntended to compey the ddea that there is the most ntended to confey the ndea that there is the most Hit，nad red spder within the house，for it is Fell ninn that there can be no sulit connection rether da I jeid to ans one in atiributane the Thrips or sprider larmely imparif of totally devtroy the fanctions of the veaves，and dimorganse the entire eronomy rif ife．It in otry hechfus to look at infertem of this．Freednm from surh mosts ta pesential to suovess，mad oundit to bo oud of the primary objects
all Vine growers 1 pori erery Vine should be writien no sjeder，thrife，or bug ail rwed bere．＂Oulside and to the reots il her whar the insmeptirn，＂hacred to the roots．Wher we think for moment of the expanse ot builutge，planting，and beatarg Fimeried， It sis astoundiag that anything shoald be per－
nisted wo share the bonders fith the Ving roote．


 its renetral is er，ruz to make us pauss ere we tako a surface crop off itof cither beauty or utility，and thus dismipate its stamuns and limpatr its powers of pro－ lut．all The border，from jts position end j́ts tuder－ gry m 1 treasures，has become precious as gold，and itn surfece crop treats it like so muoh copper．A Vine－
 Injure tha Fines－whach it does－sarfage aropping is \＆piece of tid in st reckusis extrangannce that cast，amous combson flowers or veratinbles，the food liat wro prepared for conversion into math of drink fit for the gods．It would Elmost soan sa sel of saorilege to grow Cabbages on Vinu－border，but an piantsare abigat at krimus ri uber，kivan beauly may he furcinsca too diar，nad it 24 so bousht When it
 compenxialion，atiter，mas he piren，but it is difiandt fally to restore il lemoratived are needed for the aliy to restorad the are ent toud to the er hal benefit

 to the bugest pitco fur masy years together But it it is not onfy that theee conipelino roots exhust Thin mult earth and soundult compl earth，and so undulf comijuct +1 into 4 sold dense mas，
 eril ont unas soth，and one mfans of avordagg it it th base mo more fanth in zuere panawes than gour corre－ xpmuturt Attention to no one point，however impor－ tant，can conimand mucoesz．Atill I betere a pleh， RFeet，unclothe 1 border for the rools，anil apoticesly
 1n2，atu thet Wh re they ree present With ordingry skill as atu suxiliary 1 th the appication of water，bipht，beat，


Potato Improvement－His it male experiments on


 flowers＊－ 1 woula＊wies）tist the fo ．omung maxie of treatoment may fery frith is－＋＇rive lo hew an！yer． hroatment may very fr，in is o＋rive ho hew and yer＊ haps unusualy prum uct．ve variotheof tab iotato，if the ncresied number of leaves in the Homp may be rogatiod increased suablet of branchax，And as reai Fifpeur of Rrowth $29,1 \%$ apprears to me，the best provontite of
 be tropel that Fereties of the lotsw may be rased by divesue better than any of thoat Lituerto krowa．The Potato saleoted shonla bethy larkest suzed one of the Fariety that can be procured Al．the efes but two
 be aloowed to spro in thu stems mall，to the first plsen，appew，and of them all but the two largert should be pulled up，caro being taten not to 1 ajura the plant，to avord Which the knife may somet，mes be necessery，Many small stems will bon－ t．nue to come up for weeks，wbich shortid be removed soon altar their appearanoe，no that ony tro rioms aro a．iomed to grow．Eome time beiore toe forfan open， Luose paria of the stems Which are showe the pedanoles should bs cut off，and also the bramehes rim the sxis if all the lesres．The places of thest brauthes का be se＇k，supplind by

 lay keat shar 31 be remored．It may be expectod whep the fruit has ripered that some of the seeds will bo found to be of larger suze thas usui．（I）these the



 cot suture，loat $i$ thelecer tast varleties of more

 prube to me nucir sem has will he sutherntly sjutult，it is an extension of thet Whieh Mr Hatett las so surressfolly upplied to cereats athmigh originat．ong from diticerent data，The kev．F


 planta．one uf lik varielis thang a feet high，naves lows 8 piant lo rigmo thors than twr coua，and to thi I attribute，in come mess，re at out，bis suecest IInd be commpnced with tan wix Ferlis variety，mon why redur ed the tby 10 one，it may be a question whether
 ber larm rutrat on a the sintli of England．Not


 $J$ ertor $H$ ampateat

the Treo Ferms (Alrophiln, Cyathen, icc) of the fowing to the fant that the show of Amerian plante
couthesa hemaspherg. If any of your correspondenti



 gras III. It $n$ Gosne, F.R.S., Tourpeaty

## Foreign Correspondence.


 mint riald
 and ders, that it is diofrote to keep a lavio of any oxtent freah and urcen without frequent wabering asd



気保nrl,
 Best instead of making aby arrangoments to jnsure a of tiank torall:



 Yaré ropluded that ha ooly uuderitood drawing plans on the ground. Ahat wha true . We novar knew him to
 of Baran finhlisintu atar tite Labke of Grenevo an thoze
 Boulogne, and many other parks and gardene of ma jaging-oint. This proves that it 18 fossuble to be a good
 traste. Wiando pat mean in say that it it nat merosecory






 on the contmentent theo peatiot er tane hat kurd










 motboge sery wonderfi, anil yet I inut whanslow
 clever in aisasy yhathmg tiemsitis pe to $11_{3} c$ wreate

 seen in order to lisve an strm of the perfictic in atfan ned
 stich pants. f: be' , in aree of $x$. Fen to sten

alve 1atict il
the remilum,

the sikit of bletill latee were wo
Rjlecary hioth ard 15 an These from ton to batiom Fith flowers, that ever the lentre wers acarcoly meen ${ }^{n}$
 Azales graferable to tuat autonted bs tho Bolpinnog the he free frotolial form, he thinke is by far tho effective.
Respoutongt the Ureh.da, BI Fnke gess, "It wonk ba



## Would take play $16 \rightarrow 4$. Fierstaria

 I swate ek ath the of dears inf thi 1-5
 onr exbibituas of Moscam and St. Petersbure. But Wher I came to the colleotion that was a warded tae
 $(\cdot \mathrm{ve})_{2}, ~-1$
 examined fome of the most magalicent spectmens rung orte. It w idl hod dactit io cus wh nof the 20 spermens in thas collection wns the most exqu mito, remontante Anne Alexiefl 95 , and on Louian Odict 38
 spenking of the buds, whioh were innamernble. The in la waraif









 lion in as country whero there 15 not an single hedgo of any kiad to be meen? Incloonress in the towas of


 pary sipsingly met $w$
the rioher gentry

## Societies.






their fellows; and is the varfout ahalisa of blus with live





## 1

## 

 Fhowy oras -
attructin

## Thimia $A$ the letut

thousand (aboot
orcred witu


## Katices of liankw.

## 



##  Bynede



 Par J. Barilet, Jardiaier en Chef

 Histex bave been exacer. isy w an



## coloured. triny 5 at mithe fret 13 ir

 I It.e to $\pi$ reta 25 plates 35 isarilet lias $114^{2}+$, its


bati the was a of to itrerr

## raturally or's artı "•1 ! a



## 


gardemor, Mr Hebordany forsita ian foction st witmontifl




Phand．Thas latter，line fors 1 nusl or blennal－a doctrine il，can obly be reocived in the horli be raised every year to bloom，else what，becomes of our

1 m． 1 ，in it s．．．＂th wan mite flowers inerth We add hare a fre on striped Pansies，
are given amongst the
Pansies though formant Pankies though forming bue not pat athained to the same ans of the flower is rathor ovoud spisined by the tendensy of the
a mards the puter part of tlie


It is ovdent that they are not easily antafed with
mere theory，they sift and search every maktes that nay be brousght beforo their notice，until by ropested oflicrstration doubts ada to therr
 scarchers after to ath ；but it must be ndmitted that the graater part of thetr kuowledge has been derived，
in the first pilace，from the das tovertes of German ay artan Having lately seon inumber or two of the German Bienconzoitung，＂I was strucl＇with the vartet of interestiag subjects whelh were written upon it then ocourred to me to usk the query，how is it that a It is true wo havo agricultural and this country？

 offeriog ang usuparan w 1 ，1reer thay do not，and c：
periodi
al deyt


 H1r：And I now ask the readers of theng in thas
 The Brtish $A$－ ancistion proft is at all feastble．
The British $A$ sncisition holds its next menting at Exeter in August．Could itero not be called together at the same th ：meeting of British aprariang，Thich wonld，of course，be totzilly indenendent of the largor thet tho meeting alould be beld att the same time is

 ect－in ro rethers to thude os it is，I throw out whother it would be possible to hold sucth a 1 either at the times and place proposed，or any ot and praoticat bee keeping is this country entaut receive a vory great stimulus．Apiator
${ }^{\text {s }}$ P．G．${ }^{5}$ writes 1 huve a hinh，oary hive，whieh mong to my having given the beas room in timo，has
 beiog had to the fatit that the queen is now thres years old．＂
［If yon desiro，or kave no objection to juoreaso the number of your stocks，it may be as woil in endeavour grammed for two yeara．Yon will then ensure it
 workered she inost judecous practioe，but wo have haviar onte swarmed，obtainita larke lasryests of hones the prinoule that we would rather－gono unor the prinolple that we would rather purchase a fow
 pre －$r a$ ，ars 1han put up apy of these last momber in
 Ire wnin－－uri ut honey－kiving，until they show －Lix if 1 rew，che clergy and prosperity，when we geaerally effect a change of queens by remaviag the old one，and putting a young fertile quean in its ntead， or by ingerting a coupse nf kesled roy ai relive If this
mode of treatment is rather beyond your attainements， then you had betfer allow your stook to throw cif a nstural avarm．］

## Garden Memoranda．

Ebmburgm Rofal Botanic Gabdens－Exigh ION AND IM PROV RMENTS．－Tt sapoially intereating at this seasen af the year to have to note some extena． and Gardens，Inverleith Rop．The old parden belonging cal Gardens，Inver eith Row．The old parden belonging to the Horticultural Society， 日ijoining the Botante Gardens on the south，has now been added to the a ir rtin ：art of an arboretum．This aive

 nuw palige unx lia heo of ct－lat the
 there being simply an bound hedge previensly existed， to the previous limitad dimensions of the Botanic Gerdens the satisfartory arrangein．－2 could be made with the trees and shrubs，whic！＂ri！t in groups fith no attention：
 akilful curator of arita，it al ale it bringing

 be found fert ril it＋vistors $\%$ it in 4 rmib in If nt a anue lue wrole spectes of each genがうlant ＇Ib．e：in snd tomplete groups，Thes，the Pices，the The Artican Cedar，huc Armacaria，or Chilian Pine， the Taxodium，the Cryptomeria，the Wetlingtonias gigantes，the Junipor，Yew，ofon，ere ail mpawn in therr various species distinct－an arrangament of the iereatest possible advantage for solentifo and protical pror $\quad \because$
 indigarnajnately over the whale gavilen for the purpose The effact of thas arrangement will io time beome
by inspecting tho gardens more judioious solection of of cal tre
of
tur
can $n 0$
F mako 4 a they aco the different genern and species no closels the fatl benefit of way tas tans socomplished a work The Pines are planted round the etrasty bo e．aral
 large mumber of Botanic Gardens suffry and the
 found that at certang elarations the ices at onough ：and in order to guspd agatnat falure lose as he has now planted extensively on what he regards－ the sale elevation．The memorial trees planted by the Pruor Consort，the Prince of Weles，and the Dule of ，dinhurgh，are all，We may m－．tion，growing well． trother memogia！tree lins ree y heen planted by
 anmeart dentas the fur whit in triw．it whiry tur

 natural orders，with distinct coll velions of aed eal plants，British planta，and a hrge asortrneat of Con－
 to this olmata．$A$ new arrangetaent ha also been andpted with the spriny bullos，as compar cont being antirely devoted to eteir for if in teing seatiered about，as formerly，in bordera．One of of that insmmern when at Kew f1，$\because$, ，an en romoved to it mer：－masersmb
有

 hey will，op counthatn mes iuc puul to whon cey wil，of course，always be open，whi find them an Some rmportant alterationa aro wontemplated in trit constrretion of tho revscum buidene At premen tit hail 15 dark and dingy，beldith lighted merely by in is is－1
 dy cases，and introduce alkyght windows by remov－132 of the ge panets in the celling．The space in the centre of the main range of houses is still unocoltpted；but a rombso bas been ootainod from the Goverament that he houge for the hardy Paims and Feras whith it is ontemplated to erent here，sh，be provided fir autbear＇s Estamates．Thr：addation to the buildiaga r．ll be a great acculuation，as jncrensed acommodation bery much required．T＇ine tropscal Palta house，now
no much orowded，will bo greatly releved by the wo mueh orowded，will bo greaty relieved by the utisiguray temperars＂nuoture betwhen the preatent houses．From the sen th side of the tardens axtended，manguifieat $5 \cdot \theta$ of the city is ohtained aking in all the commaddag ponter with piohnrengu distinotoesy and having the Paptlande to form the bsoikyround The Scofemas．

## Miscellaneoms．

Iuseot Depredations－The American Wetomologir nserts thnt，one jem with another，the United States suffers a lose from the depredstrona of the ineect tribe， to the amount of $300,000,000$ dollara manataly Thus
 bis or insect famils．and the rapidrty with which bic or ansect famis．and the rapidity with which 10 produces，the sum，large es it 18，Fill not be deamed an extraramat one Alluding to thene
 which way they will，the agriculturiath and tine horticulturists of the Northern Stetes are mat by plant hoe，hara－ar H3y bigas，Roen blyg，weavile，cat－ Wormo avterpaliars，paimer Torms，canker Forms stug worms，and leaf rollers；and at pertodte intorfala the army worm marohes over their fields like sedestroy－


 swarzes from the Roolry Mountnins，and like its close ally，the locust of soriptire and of modarin Europa， devours every greon thing icom off the lape of the atith．Philadelphis has taken steps to amport s tionsand Englath sparrows，whioh will ba bot loose in the po osquar and partes next sprine．＂Read that







 mit＇ram ther ground．The mass of s I asil unian turbed rimes metetsured 10 foet by 14 fix t，the root
 ably over 20 tons．It had a plaform of atrong timber wonstructed underneath，and was rainod upon rollers taud on pisuikg by meanis of powerful serew jacke．Thu bsing fone，tre tree क्रas drawn on to its naw site whth
 hroughout in an eptight poantion．The oomple aupoas of the operation refieots the grentest，enodit on Ir Barm In Mlis oa its termination necatved thre hourty choers from thowe who werd butumate aposel to witocen it Kand and Wufor

## exaven olarcations.

(For he enstarsy weph
IdAS HOLAL
Tur several varyeres of the nut th weslected thongh beantiful gena4 Larar, will $n$ ns regtu re attenti n,











 sec, all of whinh would be "at home " unulor sues
favourable mitcomatances. Fiven a pot or two
 moterial, whel till induce tre plants to bloom agais.




 Porohrat, ath, respecally Lir, beathful and fragrant B servatata whith one sel com sees in perfert,on mov,







 of + Dert soil surrounda tho roots, aud a slight additoonal jocentive is needful to nduce a strong and whole-
 giving the necessary supply of art to plant hnuses at this
nowson, and to close tree hights or Fentilators on tho moason, and to close the hights or ventilators on the
approsch of a storm or dull pertod, both which may be approsch of n storm or dull period, both which may be
expected et this soaston, the fluctuntions of tovoperafure being great, and likely to give tho ummetes a chill if due caro be not tuken to prevent the 11$]$ efrecta aribine


 Oat the leartic, if , in adi it on to ronstantly keef ins the wany of uer reflicite altent.on: Pomer wach have been turned out of the pots into a bed formed tithin ith wit, shou if now recerve a niee fresh riarfaning of beon previously dove. liemove carefilly any decayed or tupened leaves from around tas base of any plant, thickness of fresh materral thereon as to tandutls b. ars the mann stalks The department which w set apart for those linges which aro swe. fotur there triat, stould an abundant supply of atmospherne moisture. Te theut th. a, espeec ially durmy the prevalence of dull, ephat, or boisterots weither, much lestarastooud be piven than requirest to bo kept iwarf sturds, and stil liven

 foel consinced, the canse, 13 the main, of most
of the disproportonstely larpe crowas which are
 only lisuteri means at commatid, and who are not theroughy , all, ated tnto tho art of forcang verg early ing the eweeten. ng of tho necessary ferment apig maleming of suceessive ferindua, cansed by turuing tiog followed. As the perind lias nom become moderately sdranted, ouly a thee of the leat requared earler will now be peceed, henis only a wader quancy of mate. poldy so soon as the bed $1=$ buth de yt and we
 may be placed under the centre of earlh welld. alter the some two feet whie shoult then bo down around the outer eides of the bew, forrued of the same liating materal as that with which the bed itaclf is formed, the sides of the box or frame beisk well landed up, as this causes a dryer warmith than that arisigs frotn with a littie arr to sive ogress to exceasive steam at the beck, the planis may be fumed out into the moands; cover them up woll at might, lesving a little air on these aiso. In regard to other forcing houses, auch zs Freach, hectarme, Fag, nith Chery Mowseo, I duatutuctively advise that's moderato temperature or ly sbould be maintained by night. I bave so frequentiy urged
the benolit secrmoge to all forecd suibjects by mode rate and a, tidher ous supply of freil ndete arr that
 noweter batt frowang weather takes place, and more temvery batd morabg with oven a moderate supply of sumheat by day oceur, then let the nught a.r be admatted with inderate freedom Abovo all, do not atlempl cirmanstances, as at the best an ul.-dete.opod nit
 ctery possible adsantage of matural wariath and suat sharic, and tho pre ent clowness will prove a areater
incent, yo to quick vegetation and fruit formation in the fat ire thau as supposed

## if ithy fruti gardes

Tre freant 1 s a bery trying period for $\mathrm{z} / \mathrm{l}$ tender If at Pruts. Thone only who are in posesession of
 Dowis?" curt ins to thie walls mught and lay, during the prevalence cf the late chilhng wiads, and with greal zea nst aflow of the suu to have rull power upon it until ullts time nh at hat berome fictaclently strong to withislaud its ant ancess, by the use of prithal shadingg, co. The rays of the sun, as we shall of clondy weather beace the need of such cuution.
gardy flagfor gatiden.
Cont.nue by the and of frames, \&e, to propagato any Frither supply of Dosklas which may be regured any are alll aho ro crount it will be nocessary not to scriously thank nout mesurg tawns, \&e, for, early exceedingly coarse apearan en thas is likely $t$ bec no wirie of rot scon headed down Tys to select a tnad, or at least now-frosty periox, for the operation more sfleledl sow Hardy inurys in tho open nuar ters where it is intended they shoula hower The old way of 50 oning teem in a crrcle or ring las many terina of not posscastod by and madectiminate scat Folyan/hts and Auraculas of the Alpine sections in patas, and pace thew on a sunny shelf in a moderato or potis, suct things as Spedling Lobehas, Pure-
 more hard-wooded scettons, and wboh require pushoms formard. My anviee 1s, never to som seed of any hind until you can fully calculato unor giving them ail the attentina they require. A greater mastake cannot be made than sowing undsecriminately, and with no B-10his of the produce dwindles away, and othera whoh ayo left have lost thoir mand vigour erea chance of growing as alford Pd Make further sowinge of any ha f.hardy urituluils tulendec to be grown, so soon as the J'he Ia c" Imara week will be a Rooco one at wheth to sols a (irmix in xture lor renoratalit such awns as may be wantang at Flgour or terdancy,

## KITCIEA GARDE:

Autumn-sown Cauldtosers and Cabbages may all be finally transplanted on to then summer quartera unon the first fayourable opportuntty. When eithey of these are pricked out or transplanted into freshly dug boils, tread the tround all over first, and to coll winds prevalt, drill rows may be drawn, alogg whirh they should be rlanted as part protertion from chilling winds. \&e sow succeastonal dropys of hposach, Peremanat Sppach upon a slight hot-bed, it will come in wels, and it grod time cor transplanting tato the open burders in \ay, ${ }^{\text {V. }}, E$

Tow IthDesive
In February last (p. 17.t) I rave a l.st of Clirysanibeunum, aud a few biuts for there cu,tivatron in opea of farreties which conue to great perfection if gromi as flowenng specimens under canvas againat a wa.i A.mee Ferrise, bilyer white, tupped With pank ivigena, amaranth, Antovella, saimod-orange; Bover-
 Lady siade, lise and peach Lauly Hard ine delmte
 George Rundes, white, Prince of Wales purple Groute Privee Afred, roby-carmine: Princess of Wales, wh.te, tipped roso; hee J. Jix, orange-red. Splendid blooms cau be obtrined in the very heart of towns by the fou.0wing means In the first pace the boriers should be well dra urd and then be prepared, by "sing a comprost of tewulhrila of luan and me part ol rotten dingand leaf mould, to the depth of 1.4 nehe wadth. I'lautasinuld now bo obtamad tiat were struck ast auturna, ave whel biswo been wintered in cood iranes Though L hive baci fine flowers from spring obtaiced frons plants struck in the autumn. Tha plant ahoud noty be planted, about 6 inches apart and incless from the wisl, a.l letergl shoots should temofeld as fust as they grow, until the plant divides into two or mare leacing shocts, and is many of these Jater may be rotained as the strength of the plant will to during the sumamer, both by applying it to that rooted and by syringins the tops every finco evening. Liquad nusnure should not be given to them uotul about tho second week in August, The muxture whyoh

I ube is premared it the folloming muan \& largo tub srach boldla about Eff malione
 the whole is we stirred Lp and allomen ion
dass provously to ts belne used It one. mixture, with three-fouribis of soft waie about thres t.mes a woek when lbe fave
t will be suflicient. ibo Ausast the bujs wall comathe the tips of the lealing shoots. trer 10ded plump one, the smaller buds shotin be ter the season adrances acme means shoord be for protecturg the flowers, which can be man sul placine uprixht posts four fert from the these ponst fixag others that wil, esa This akelelon framework shoulid be minvas as soon as the buls begin that shoots may bo tranned cown righl asd of
kTATE OF THE w Yathir at chisis sta


## Fotices to Correspondent

 Fixise Wiar NEz
On thu sibject.

 plannod on a luwitrate sea
provideu, witherut trouble
whave the e:Re of it with


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## SUTTONS'

HigGROWN PARM SEEDS, BIT AND GNADLLTEHACED,
carriade frees.
 - A ond contractr minde for large quantitrea.
 وたTOSS' PRIZE MANGEL W


STOUS HED TELLOW INTRRMEDIATE.
 hax is. 6 d per lb ; much cheaper by ewt.








 IVAREst pree per critt on application. h Mifle fultr ( $\$ 0$ ow 81 b . per acre).




THE ROYAL A H ALLETTYS PEDIGREE CEEFALIER BARLEET


 TEHATED SELUS dircet front the GROWERS cannot be oter-ctimated.


287, 238, and 261, HIGH HOLBORN, LONDON, W.C.
SEDD FARMS: JUPES HILT, FARM, DEDHAM, ESSEX, fat DH HOUSE FARM, STD日YTH, FSAFX Tit: SHED FABM, ST HSYTE, FASEX

## CARTER'S GRASS SEEDS.

Speclallit proparph for eyrbt deachetion or Sorly as Suprlito to
H. M. G. MAJESTY TEE QUEEN

II I M. TIL EMPFIOR OF THE HRENCH H 1 H. THE CROWN PRCNCESS OF PKUBSLA THE PARIS EXEIBITION, 1887.
THE UNITED STATES GOVERNMENT.
H D. MLAJES TY'S RIYERS COMAEISSLON.
H. B. MAJESTY'S MLITARY ENCAMPSENTS.
H. \# MAJESTY'S NAYAL DRFENCES.

THE MARYLEBONE CRICKGT CLJD.

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Finest ©uality, per acre, 288. to 328.
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Sec page 338 of this day's Gardoners' Chroniote. Large purchasors isberally treated.
CARTER'S IMPERIAL HARDY SWEDE. See Illuntration at page sbo of this day's Gavdoners' Chromich.

The best variety, is. per ib. Chasper pre bumhel.
CAliTRES "PRIZE"" TLRNIPS and SWEDES. OARTER'S "PRIZE", MANGEL WURZEL. CARTEN' FINE CLOVRR SEEDS
CARTEE'S IMPERIAL GKEEN KUHL RABI.

Husintou Farmer s Calendar for loug


## The adgicultural Gatette. <br> \section*{SATURDAY, APRIL 3, 1868.}

## 

As our readers already how, it is proposed that the Aucluteration of Seeds be declared a crime by Act of Parliament, and that a code of fines be enacted for rarious forms of the offence. And that the offence is common onough, and anjurnous enough to demand specisal legislation of this kinui, no agriculturist is likely to deny, Seening, howrover, how various the modes of edulteration may be, and how daffecult they ' are of detection, and also taking into consideration the extreme zgorance of too many farmers on this subject, we confoess that our hopes of remedying the evil hingo at least as mruch on the adrance of education. Indeed, it in not onky the farmer who would want to be educated in the matter-the juries who would have to try such cases would also require to be taught. Wo eperak with some degree of personal experiente on this question, haring once been engaged upon a trial where it wias sought to recover damages for the injury dono by a large mixture of Burnet with Sannfoin. Because the tro seds were somewhat alike in colour, neither | the judge, the counsel, nor the jury could be mado to understand tho difforence, and the jary sapiently concluded that the seedsmun was net to blame in the matter, and accordingly the plaintiff wes non-suited.

In anothor cusc, whero a soedsman was called to account for sending common Turnip seed, instead of Swede seed, the judge ruled that there was not much difference betwoen them, and that the autor was not entitled to damages. Morcover, as beeds ara nocesharlly very variable 21 their germinating percentage, it will be exceedagly dificult to bring home cases of maxture of ald seeds or killed seods to the dishonest secdsman, and unless some expert constantly attonds the markets, or examines asmaples before they are sent ont, it will be interly impossuble in thus way to save the consumer from being often cheated. Ho may sow s sample of seed, and be dusappointed in the cerve
but hia misfarture may be rafarred to birda or ilseots, or weather, pernapa to all of them, ani








 cation of the farmor, He mast be tulught to come somehot to beliape, in the first placo,

 hamp and masts


 But, int whin thoy were somt. lyarmers thon hai rually never thaught won the questan of wend admixture, but when they camo to look at the
 find for what a quastety of thinge, other then
 bume, andenit, listo then ig t erficas. in that
 not a littlo proud to buy that such memplos of

 tho present titus.

 funtur: Olover seed oftem raries wory ponsidernaty with regar to germinatang juwit, ad a


 With the feot thet the praco ohargod $1 \quad 1, y$ is means in proportion to ita gatminal quality, nu may be seen from tho followini list, tuken trom difforoat markot Bamples on the weonth of Mafrh, 1867. It should be here noted that thrso samples Were nok given us by seedsmen, hut perg taken by un from anmples in markot.


Thesen trialis Trevo made with Cl Aer secti: thentieltes, puttrig ast le the woe 1 , of whech mrat of tho Homples contamel a areater or lesu



 the guantity in whien wa fimb it, wonll ivpras ino to the fact that forroserses as a rulin do me


But again, furmers hate beet further mits catord to detect the haforesico betwonn doctored Ifop Trefonk and Ct mit anci, ha, stico ours "xpo-
 it ha4 et mi L Lure 1sa.
We hupe then to ste tl than whon brace wa'l
 the wen sivel soud and bal, by tween dirts beem? and clean soed, roul then that they wall sut purchase
 that thay nay ailuril to bum a littite more of it to make it up, but on the bye can ofton to dernized in the matters by differnt methods of dressiug, fust us the unwary onmotumes matako a swell-mobsman for ie gentlemen, it will bo pocessary to try the germmal teat, not (as we have soon it mometimas applied) by taking up a haterd pinch and acattering it ith a flower-pot, but by carefully counting a givon number of
beeds, and thas ascortaining the cract proportion
of the liring to the dead.



 ". An :


 gent, far deait .er torl 1 .




 trade
It in true we have met w, th opportion from sime whoso lareo establahments intsht hate lma














 lown nlicep to os let per $B / 1 /$. Ithe suyply of be linh ish und forelgu stock hiat been shert therukaout the wrek In tho midand connties furat is in olte ay dear ns it is in London There

- Our readers will be glad to gee in the Parhamentiry nows of the past weok, that Mr C Fres
 Mr fi i Whare are wep" Under this quaint titte


 tik rotis sest for tin I rat hadh. Mr Mis'y pajer as
 viodicated the $t+$ lio of ha papor by relatime to amechele,


 of the new an! nater ram m met. aud, "f eld sum he wher an ater ler to mpens of tha comel, there we ho hut wnen a raum coter to grief, wacte nre wo -. If Lie lierst $p$ we ith the buinens of thsenantry. A











$\qquad$


 siou ciara $\frac{15}{5}$ a week nite by dnux filiter work
 the ather current tophe of din duy ; but our apace of too much filed up at tmis end of the weak to pllows any further refor rice tu them tsalay. Tha di Cussinn was exten wed to comatcoratio length Mat the positup of the farmer lamsedf Them of labourcr had been toxchod on, but nothing about tho

 in dwelingss ias towns. Thesedme ingon ores somed

 ibsence of compInint indicated.-Mr, Disam
 Mr. May had raised the question-when



: lasea and rates nad ramaly increased-tity re- GT and attended many of the mieetinss of the Sctanee Association - they were a compent
at tho gen, but ther adrice if ncted on, (ai + b. a mere poratchimx of tlie surlace of wish it uns In urvel th: 11 t
n.so needad a agreemont, and full componsatiou for anl tuex hostor impropoments, He regretted tlif conditiou of th populatroa in towns, and was sire that it min mit deairabin that mora liborar stio
land Mr KiNg entered at lenze on is is
 posod on that charge, and he then rovier in me.


 Bere he titncelf fo taisa a farm of 1 whor il
witn efient of a far war.s he
axergirds his tibrtarers atas
H1 a arelcataral ber rit
twollers -Tutst it skal etart
 ot owas berace they litl $P$ urisl li
 weri áneral $\bar{y}$ tre brat of int, rooderporment zi carni 7 j






 BL ALA, Hatife a singular bf
 If $4, \ldots,+1$, if a s it ther mhich appear. Thenperature and rainfall of other partso enc a breu we are told that there were 1 .

 Shontreal up is St V"dmita is 1 . ay mistorrohygeal contran
utanate das in our over cotisite The
Mr ALNitr hamicif declare. It to be,

3 of course a mere m.atake Ho has for the mornat
fall utterly, but be wrould fall, though in a less degren, even with orduaty $h$ gh fafming. As for any mecestry of pairinz xownge over marr than ohe nuffate of mid
 are gitpm, by which I meata not only in lanke total

 and son tapeher to pur fo livit lisund lo properly theese exnesses, thees exressees, ":I
 whinspoared in your columns, ou a field "bere not
 kind triust this litteledse wxion miny be of kome proet cal
 W Hyye, Marsloeft, Ra kenv, Morch 31


## a chapter on potatos

## (Alonelwded from p. 341 )

Try Manellancous Class at the Inte show for ofher anmed sorta was an interesting colloction, 23 low boith entered The pudges had two lab and two 2d yrizer hit ther dirpossl in this division. Ote of the list prizes K dace Potalo twich trill we havo no doubt hecome monersl favohste. It appears to be of vigorous habit
 produetiveness are $h$ ghly syinken af, antion the two kampress semt were rer, irkis) y true In tho enkraviag in


 Wheshould ytulgo at to bo forond ear y of good quatity Wh lo $n$ atperarance at o all that enald be desard Ono of the ? 1 pr zeq nent 10 Mr (ieorth lyarklay. Kingat thory, Nortarl if ton, for J Jinson's theniling Khineg Whitis was ntso rers irg siris. Ihs other ad prize qood, but inguroperly mamed, thes mere lihe the Wellington, bu! rotinder in sazpe than we ever sat any specimens of that sorth
Froreased attantion hats beera givon during the latat fen yours to improved modes of cultivating Patakos and reater care atb hegn ozeroised in tho salection of degrea by the many letters from ontreapondent in ail parts of the comatry which are to be found iv the anta logruas of our leading scedsraen, and it is a Fratilyimg fegk thatist moat of the cattagers and established in mo many of the rural diatridts roally good some quartort more core might bo ugether still in

 the better wild be the reauites) we have found thate in
 intended for Pothtos in the following yoar should b ridged up oarly ia the gutuma, and gome moll-made Manarg thrown on when the soil is dry, shy in November, if dunag, irost if will bo all the better There in m marked diferono in the pppestrance and quatity of Potatos planted an land thes treated as compared with those put in tho ground apon compatatrely fres ar and of of for this orop, appled in damp to ther bofore prepared
 It in siso af grear ndinnape, mpectals on lipht soils It is also a mood plati to puis off some of the onts den ant meaker shootz; the erop by thes weans will comemuch more regular in $81 z 0$, nod there 19 not one of our vegetables which will so well repay a little extra trouble as
the Potate.
We lave in former numbers of the Iferatd referre to the very interesting pxperi hents ho carefully carsted gut by Mr G Mratw, of Bential. Hall, Belop, in order to Mr Mam's renort on the peath aro most productive. Mr sums report on the resuik of fus last and mogt coup oto serve of tras wis pubitied in the polumid of Fiopland for $18-7$, by ham being thint "every increaso in the size of the by him being that every increase in the saze of the mereaga in the crop much greater than the addit.onal Werght of the sat planted. The net profits 0Fer and above the extras warght of the sets in plantine 108 set exjeritmenta to botween 3 nad 1 tons per nope sorses af further profit on the icerenge of ther wire + mathe from toz to A oz a naraged nbotut: tons an acre, all the intermediatu steps martaktng proportonately of Ir \lan'a laboura wid t atif is lane Potater and

 bonde another raode of nutaibent the cs $\}$ phaced, this Patatos of a saze fit for rooking th hen yotator of plantod whole, a sima! pisce of the glem ot one end
 eyps to sturt 2more repidy thd to
Fo shovld be find to bents manle twere Pokstos aPO extoputaly order to ascertan the comparativa productivonesa and Falue of difforent orls harative productivanese and revard to Whent und other fotm podice roone with Fould be taluable for Fould be Falizable for future guidance; and budh, we foro ill nad omera berth
Fow old mad coarse marth
Iha question - Car wo pare Potatos in fane oondition
 th rik $t$ may be artwered in the atlirmative, if proper condition the longer it 13 wept opintinn of the medical profecsion be tiat antais
 for the firy Patato wo hiwe namerd siontd be chasen more k lness might be grosin wath adratutage than Is kemerally tho tase, buch as hapers and lilotice sonse contiderablo kime. to asy notbing about which *r's tro the earhest, is the rare for vert early Fotatos
 in quality if pathered whets perfant y riwa and lept

 soutd be desarad for a secuud erop It ith regard to lato Potatos, there is now rio dithanity whatever in makinf a sat sfrtory selection, I'rtersolis Yetoria,


ditferent seasolis of the yerar, an it that t a las. yo meara first anthered as thes are after watine bram so sore t.mie. I l ble observat on wrind sat is at 85 to the zoturdress of the se opanimas

## the mus dad, 10 fone esson, that <br> 

 ournalz, wonlid be even more quef ar t:
 the soils on Whect the trals are mad and tas wat cult wation adopted Is it the "loaras er of th
 roduce of datferent varietios, or can lf a the mien anduenced, in most cases, by ware in mist bet on
 opinion of erowers of Potalos akiat the suirt dom on strong soils only, but thas. We here reamatah is not an invarable rule. If, fond Countoes In hat

AGRICULTURAL STATISTICS, 18领.
[We continue the publication of the ollienal returns.,




Potatoa
Beet-root


## 

Cider Orchards-A peevish Follow of a College, 10.81, and Siberian Bittor Swect, 10.91. Oue wh betng asked to subseribe to an institution for the poo of posterity, exclsimed "Wo are always asked to do womething for the good of posterity, but I would tan see posterity do something for us ${ }^{\text {sj }}$ Perbaps some of thase to whom I am about to propose the planting of edider orenards may be of the kame mind, still it is to be hoped there msy be a gead many who do not hold such selfiah views Hfere $\mathcal{L}$ a lapdhoider, one of my improvaments would be the planting of an orcherd of one ar two neres or more, aceord nig to the stze of the form, on a brassed padidock clorse to the hoructitead Such $1+l_{2}$ 配 be found to bes of great benclit to the [armer. such ath enclosure is alyo ugefbl for stock
purposos during a ereat nart of the ymar. Strong land purposes diring a preat nart of the year. Strong land
well dranct makes the strongust and beat koepiag
 milier, and, I thank, pleqanuter, but it whis not kecap rood longer thans a year, If a few Pears are ground If with the Apploa they grantly mprove the cider ito srchard is grisesed, tha Grass should not be allowed, durnag the suluarity of the plantation, to approarh nearer the stem of the tree than 4 feet. I
 putace the chod sod ber mex thmed downl and to put earti nwer tae roots, i ke a sema-molen.ll libe propery instan e for permancace o ' 1 feet apart cyery
 orsearg anatier pisnt tetween each tree tn the rows ntermedinte trean and whetn the branches tomeh, tho Where, or dastroyed
 were the trees occasionally ing tha and, mould sticceen the roots, or Fiere cattle, depistured in tho orchard gufiered to le thare. The best cider Apples (abcording Wholp, Kiogton $\}$, Late Jermay tho ghove are deactibed as firstorate, The
 Bringerood, Cawrane, Forest Styre, Foxley, Early
Jarroy, and Tom Potter, wilgariy ealled Tom Put

sbout Concagee. some 50 yelrs mgo my father bout chopshearl of Coccagee cuser, mado somathere to Fiesnity of Tatanton. He gave six gatinens in hogsheaci, and it was worth than any wane ho possessed. Ife had ol bothly took it from our country resticnee to the mow pron cellints of Weymonth, Where it blews up and detropol 1. quentity of the finest old port the finest cider in the world, but beware of vep cellars' Panally, as at wral) 1 br vory juat and me andlords Fere do give bleir tenants a co-propncud in rabbits and hares, so it woul i ho no les chan beneficsal to titemsonses snd wheir tenonta, if that eatablush mear therre farmstends ance id

## hropshetulf, Okeford Frit

Shropshare Sheop. W 1$\}$ dowef itd thet $16="$ easter tu sell t' a tat "black foot" than o pa long-wool? Simply because tlie ueteal of the om hace mariset walue than that of the ofter canoot sell fat tho be eatea now, say our butch those of us who have to protive meat if hage cat spenk feehasty of the contratiet mutton bestargi upon the surefit of a fa re cou f not hatermitik rik- deprecatingit of the asde las pheasutut 4 .spons of "perin alsite erion of companints of too muor fir hat bebw? Bul how dees all thas sfect the en eat has he got to do with the diferent way ${ }^{2}$ tile butelved into lunses betr, rerasp Waterfant ho marbt learn a lesson rolu the anviar to pay for
noght bn permatted sha or he expects that bo tit 1n, we ligh itat the mu*ton possens ox Bu proportion to fat
SLutaers, knowing thit markets ought to be of the rood old economio ls wi of supply wad fect the cone tae price of mater pot untw my butohera can't prevent it-farmers net to gyan th muttor mith much lean ta preferged, an









 Ity noy thany an a that of oth


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## 


 - then un Ias lix














 in if it revir $k: \cdots$ ts the Formelun,









 these consist of arosess between the Durhazn and mine races
The mos nusuleps 3 , of which 26 are of mased hrmel, pir or pa. 5 Jarpham erosem.



 $f=\pi$
$A$ general view of the show certainly does net imprets
 tarr: 1 - 1
 I retirt iatio briwdra and fudera manaze their -herp and rigy show far more breed than the matil
 :cha ir mould look quite at home nt Islington, int. ? minaps, not quite oo helplessly plethorice as our Tr cr exhbition of live pooltry, rabbits, deo, is a very


 (an lets f fliph te and Spanish and a great number of

 the extibition were magnificent birds.
With the rubbits were a number of animals crossed


 ©




 dees whir



 thatisentheral it? m
poultry whetber in breediog, feeding, or getting it up





 A.er for manger in which they are propared for anchet, are wrapped io cloths dipis*
ven a delicate appearance to the limh, a ul the \& thi,
 nik much more I ke te imate lope of lamh than


 -14 t. ma. the mar ais at fol efry iser, atid by





 rit vinemtzaris imen nt. armitinafrom 3ive to


 sima.l plat forms, on what he ra tor fateder atsu is on a
 ramineli al the biods on oue sule of the frame he turn the Iatter, to as to bring another fide opponte to tume

## Societies.

IU, IEY HALL BIRMINGLAB


 Ghe hy it nas kreat forcess. Tas in inditited at Gher hy the ta arber of clitita beind no lex than 13
 if ake An ca tee consan the.fers lue remuader




 The searling bulls had 70 gan , divided among tham in

l'ue lit nas swarial nith ut anf Lies.lation to G $S$









 and rethed at a futuro time. We forgot to my
 Could be tuade, what made by Introfucing into the rule

 beyond that cum it in, for boad fle sal


memisi t ,

KNIGHT OF THE BatM, by Kmight of tre Garter

 heme bee fales sjectratio of taw (), wrton 5 Iala herd, for ts



 Blackwell, of Matiock. Mr trancla Elankwo rth Fimkes, of Farntay Hall, Yorkshire, Fav Lat iy citamended for Lorp hosteovger, a ran, of Lani,




 Ofr il





chasy a AlHIREMFNT




 i-:AR
 of the Farest, mude 31 git Mr Game's Pix, by tics, ifrt



The cown were irregialar in eharacter Flora, sent bourht by Mr Jadloy, of lurbeck the burer of the lit phize yearling, at 150 gn, Mr Pawleters lowng Jevel was commutived, and wold fir 12 iss, Mr Garne's and Mr Butler's h ghis commended Brdinargfon frem
 The ofder hulls niade fromi io Re. to 11 : 4 ae afumr

 that tuer breders bave suot the capactst for judicions's Theso brecders would, inaerefore, clearly benefilt thens selves and better judites, if they would turn ther
attention to feed. ng insted of breed. apporatice of Eotace of the avimals must however be gapporarke down to botatotry ing seasoris must however be
The sum ruade by the kile was ", t.r

## Farmers' Clubs

## cimencrster.

March 8. - The Game Lars - We regrat we are uneble to give more than an abridged report of the
Faluable paper on this suigect latoly read by Mr . W J

The country is a tast parden, erery uere made to produce ita quola towntals the mantenan eo of our


 Now, I wist thas fact to bo borne in mand whenever the subseot nom being brought formard is discusged, namely, tho subjert of the undue wresercation of parme
in this country, ana I wowld speate more particularly in this country, nin I would speak more particularly of ground game. My proposituatis that pame is unduly
 with the $y$ eld of linse (rops, thms shortening tho supply of bome fool for the people, both of corn and msest, destroying the prosits whicl. ought to accrue to the farmer for lins troube and uttiny in cialluvation, nad also preveaturk the employment of the number of
hands which would otherwise be frofitably employod in the cultivation of the sonl, which demives of support, and that to s material extent, many of those who should be supported by agriculture, whilst at the same tume it is a bar to the application of the skill and
capital which would otherwise bo appled, and 18 no to a meat extent apphad whare game is not over-pres sorved, Now, what do we mean by gaver The cuapdruped or himets only at cartain seamons and by licensed persuas. Thene game means oertan wild birds and sominalm specialiy protectend, worder that the
 preserritian 18 owing to tho foudness of the comparative fow for \& be onjoged by them with insignticant loss to any onc, nulamice to the many. Bearing in our mind thern what gane is, and why alone it is presorfed, $I$ w proceed to show that
The Damape trhuch it Causes randers its undue preservation unpustifiab, This Rev J Fruser, in his
report relating to the employment of pomen and childen in arficulture, touches inementally on the effects of the presermation of gutne. Ile says

Tho extent to whice the кjstens of phan proservaug to




 Wind thr quant.ly of game nablemes and wentlemen, Times if Vorember \$0. 1um, we redil At A hutho


 monn than
December on one catate, by no means a larro one, and more than lope being rabbits lint we need not wate tas paper wilf furme histhanas of this kidd, any sportacnson (though in fa raese I should say that I have green to thas kind of sport mandeouraged the beratase it sitmalntea cvery Imndourner whito lara a falalons for it to Fie mith hits deeghtomar the the numher of foad of watie Wl citha preserses may monta na, ind thozentammilige


Cow,s in a farmyard, and as ceasily shot down; mbbits, as tuick as +na a Farren, and linres without end: anch aportsman sugpled by his sorvant with ready loaded natter-or-fact work-a continuous bang, bena, for an hour or two together If oltrerwise, how could mide pentlemen bar in ona day 모30 head, of 250 at the atraze of each gun or set of guns on a Denember day? These fants show that pame is presorved to a great exlettit at ulazy parts of tho country I may say more becauto froun observations and uncuaries I have made to find
the last month or two, I have been astonasbed The
d-hawnt of Inyurg sutithed -On this I will mpini to y our not cee the witten teat mony of a landlord, Whose memory is much respected, who waz a staunch
frend to asticulture, and who was a most able and farapelge man I mean the late Mr Puseg' In the fourth wifune of the Royal trerewltural Journal, pubished an or years agh, he writes. on speaking of agricuitural
 Inprosernent is to koep out thit only sign ut farmus, the land fa beat the eovert In highost) am undiaturbed reale






On an cstate where the house and shooting wete let together, hid right of sporkag beinh reserfen to the daddord ar otuers, in the tenants agreements, the valuer (a mofessional man) at 618 . per nere, and to the
 corroborated by a wery respectablo witness, and a fully competent judpe in such mattors, On two-th, rde of of a fair return, and throngh the fant of small orops one and the loss to the country ls anet than atis slould be, and the loss to the country is not merelg tha is oid extra com and meat wilch woul be produced upon tha farm of tile teriant coun doltvate in subha manmer is to absa forr chance of seburing large crops. In tho Fiefd of Jinuary ?, laik we reat of ath oxperiment made on a gamempescrfed fitrm. One ncre of Whest
tras fenced $1 \pi$ with ciose hurdies of eome kind, and sielded 9 sacks on that acre, the rest of the find Facldea 6 busheis to an acre, being a lnas of $\overline{7}$ sanhs

 to the country on ats whole hileat arrenge, besides the unterference with labour, the loss of straw, \&c, and, as
a consequance, of home-made manure, reckoned at the a consequance, of home-mande manure, reckoned at the would be $81,500,843 l_{s}$, takiog Wheat to bo worth 855 . A sack. Surely anch is fact should startlo the greatest
game preserver! Again, mother ouse has bean men tioned to me of a stmilar fescription, tilthough not 80 Rreat rilose. A preco of theat wos ouclosed in the vi ddle of a lield, and at harrest competent judgesthe largar quantity being grown on tlie ebitosed piece,
 nul the fold of Wheat, oxceptras the protected piece, nfter haring benn caten down by hares and rabbita, trew, and so luxiriantly as to cause the thlipht, hence
the differeuce, I fentriro to assert, whthout fear of Eontradretion, that one-forarth of the cultipatod land in Eushand and Wales-and I melude grasg+land, for that
sustans areat injury-suffer from game to the extent adi a pirther stamer of present monapoment, we must the art fa prorluce whech would slso be growa on this
limd if good forming could be pursum. Now, takine月14 millinn arras 's the caltimated portion of Eishlas.
 of thren milions Isnt we lage stall botwemn tise and

 Ferksire. When Mr Evershed tells us that the best
loams in Surrey are gurrounded by land growing nothtix but (rorse, de, we cannot but conclude that land is kept back from etaltisation by tho lore of spart not fewer, I axtimate, than ond million aeres-which
 it aded to tion former rimosist gives us thie eqiormons inded to tijn former nriousht rives us thie efiommons
third of our Wheat and flour $2 m p o r t e, ~ s o t a d i c$ The Gamekeepers tomprosen the min becauso I foar I shall not be ab mpress Rame-preserfers bith the
ajustioe, tho continuß warrs an Austiae, the continued warr
oss whith are oecusioned hy
I belore there nre bers wiany zantipe

 a family Orten is at a fact 1 liat a gernere onturally loves and wants fumes bas anive on influence wih $\mathrm{b}_{+3}$ master whanat think. ng for Eanself, ate cotoredes with lite own wishes. He mucti game. Tra is told th at or the slageat off, the young cori
tho sheep broke through the hu
damake, or that it was th? rook than damake, or that it was the raok that rop, tot the phmatrit or tie hare
Thero 15 an exmellent letter an titu lés, Eigmed "Land Lerat, written, and Ir risinut do beltar fans,s and traseting two or thre parasraghs from it. He wis



## 



 had been ruatied in spite damages, mot where lie Lunas

 ins," where the question of rabl, every one of thert does 10.3 wort

## 

 complaints were grounulesist there wiasonls stook of rabbits left. I put irapperica and t "upon 2000"? Well, mow thas keepet feew to prove lio minustice, (arme farras are ha
 at a disintice fad leta has shoot.uf, a howze, to any one but the tanants such a Fhe is a wrong out iu uriaciple. any more, je as chat a farm or leare it, tajk rot of 115 haviar randis acquapsced in the preservation of gime That tes. unablo to quakly turn ther hands to other a tans, to benbeas a body to rejeit farms ande cau control the quantits' of Farue, and so loz

Letfing Separately the Game-I sar that
 repork, how often farmers ate injured by ghatd nerer lat then shooting unh they offered to to the thents themselyes In the c landlord keepiog tha shootints in
constder that any perôon owninz

## rupeds upon

## cultivatind it, aud paying rept

a so ealled compensalion or not,



 for pleatant sporting, and if the
parhug wilh his sand, Fouli sif,
self, but I must come sport, most willingly, most ghalis would
In pasing on from this part of ti:e gubject out, for the constderation of bothi partion unjist nad twhmmisoroe ronduct on the lis tenants at a fanc and reasonable pr where tho hadlars retams the shootiog liave a joint right in kill hares; miont Parged to the landlord
Pang ond Porech

Be eice of trame preservng on the Wo wero in is 383, ,2270 conarction.
 Hrmegi ney nuber of zame ect
 How many Nowas to increasse that emoune I cannot say so zoreage of Gloumesterserage. the a. tions for pogehing in Ir ras the 1859 , for wo vioto 1859, for Wo forly borne out by a state-
Rel's Wrekly ${ }^{\text {/fessenper }}$. The Bell's Wrekty Mressender
ama convictiony in 1868 . 3ma convictions in 1868 hal at pa ang has incressed so revertic mid that to an extraordinary
 oren te tbe le , aniner Mast bi It
ticient time to havo ohecled tho the Alef whe good for anything we mer
denvoured througbout this njons upopapy pointstrith foterl of tl iat apinions, and
math.ng flat I have proved wy proposition, If game-preserviag ospor the existence of so mudin gond hin give employment to Fratchers at wrifts at was much jnsisted on (sol Hocaprorl in in the or 1845,1 would zaw yubher for the country, the framer, or


I have not apoken of many poiuts -unuarers heving to support poachers in $w$ mpeakiog as I have at the risz of
 $\therefore$ ay $\approx=$ ruen luow the jnرury to the coundry by on: on of game, the depressing influence huse the contipual worrs the tos
 weryl bad effect it has upon the Nard to read a paper upan it; hatd I and that ore long game-preaerving to an -acint will be a thagg of the phat

+ +nenmin and pigurous discussion $n_{1}$.



## Kutemos.


t Patof tho Agrientitural Jouronl contanins raport on the ohely owing to Mir raritioun in the Prica and supply of


 rar.a $A$ is Mr. Olutterbang on
ran the ngrieniture of


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hed ntorehouse of food ike bonting drought

at retnint m

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\end{align*}
$$

Mren forCite oul sul chitinate on
 receive the sedt th, the independence (thasks to| cable to the Hamp

agrlculture ubed formerly to be supposed to hinge and machines which enable us to divide and mix-the ohaff-machive, the pulper, and the gronding-mill; and
 tively fanutratious but yet useful lodder

## 


 one of the finest piecos of young Claver that were aver

 Ster a and preaser of bomely, but unusualiy
 n ect ruming in tha nemily tursml up Parrons the itl.




 with tumery int urita a if a heavy orop both for andine ificur


 beep-Mr. Jeyy hustory of the Dayor bred of contil -Dr Voefoker'g chemical report to which of ontti


 thruaghout the grar

## Farm Memorande

HAMPsGIEs.-The month of Februsry, alliough





coneidermbla breadth has bean graveled to foir arefan ooudition. Jn somb cated the Clover atil frats eeed bsve beed sowa at the same time the caftr, hut until the end of the mopth
wedirg untal the

 an
$=1$







 a Weli a whotrents Tte prepud ze at che 6 hie
 dying out, and su dinbt gn unusualky large acreage wil benown thisyear The sugar-Beak, too, is begiunith o stiract astent,, gut in cuse there was a reab ane heavy I witn wh. oh aro too cold and fiat for feeding



 gra ian 5 revining mo doubt ariang from the aftims

 consumpton which is the only thing likely to kotp the prioe in cheak, as the zumber of lat an mals $9 \mathrm{a}_{\mathrm{t}}$ rary shur th tha muztry wim, ired wath the orlinary supplies at this thme of year, elther of cattlo, sheep, Fiks
In
In our ine rejwrt a cood [lll of lembs on tha twle
 successon when the fail of lambs has been orer the areatio, but the pracent han protere the best of etty

 ar s: if condition. Ia lookiag back, however, to years
for bome yeara by orossing them with the shropshire
 Hertous Whys We have sur oxcallent recond sto to the Hants Downs only yieiding 88 per eant. of lambs
 more aptrtudo to fatten indire minere wool, are quieter fuciers, brinte harily çrr hown to ugren on wacculent tund ke Fipw, i Thirsr adrantakew are prest, bad caictigated to improve the Haripatire breed immencely carefully commergled. Lombs of thes cross talying the priza et lha oy an the lith inst were fetnarkably fine specimens of carly maturity Jovef 1 Blewdel. SomthJnp'on, Mratif -

## Cbe 骎oultry Yary

## To "A. K.," who writed to mmpland that her fumb


 wa.ket hoss rwoms the livel ne Jincht, laukbing at and
 alizateura that nc pat ro sutwfal san that apen the ber alumore for in ing oursaives. For what reason wo are unablo to bing, bat ynis letter might be that of many suatpurs thie yeur

 beyatuer,
 daci, lave eaten carts intore, er at least each oithert
 and find the raure tre yenrfiwas sept on a brick of if harderd fior, of is, th wep thent in contacreent?


 tablo; and ja all their soft food, suolk an birler-meal En, zquantity of finotonfenlphur shnnld be mixed. It

 Irawn, and, s.nlese very suluat $r$, it hould beat once

 aypfult itrant.

 reppondent wrtune to the m Journal of Horen Dor recrommends loes to the rethen of the binds and matri ha hal beter foorra it to fall me deterrent. Whatever mar bo the cause, it 1 cartan timet thes rear the compleint of the
 feathersarjppiog aro dorble ha arerae, and dumputy or of all bear on if and Fe hope with satiaficiory resula.
The very roukh weatier, and the biling eat midde Thich Fe have beed subject fir the Inif fev wecks,
 atry for the well-doint of 1 the frim h.
 thrown over, sod the beek of the coop cartfully keps to the wind Every little extra aitention, in the why of drt, will ba maply repand by the frowth and atrongh the fl. ckens



 mas ty dosweited frim the borses, and these were
 fut muena $n+$ ghe! riare than 11 IL lbere man less
 pound that piasial beed that taw be melually


 1 bo bones Feiphed 2 lb , and thr beet thet whe whaly suitable for estum weixhed it lb. Itonco per pound of the jomt were it the mis of Byd be is ar men of metton monk
 fol A. and 1 s ns of witer The tome wershed is ox (1)ay i lb tioz were seft, na! if the lukherhed chatgod 82, per pound, the cooked ment would cost more then
 and the ben roacted it wav fuus 1 tu have lont 18 at, remsined, therelure, if the iswme ruld at to a pousd


 uearly 1 it 0 , the weighti if the odibie pert bein thb If iz. Hind thenricina friceof thoturicer been the talue of the rnasied ciest writid be if id per pound




#### Abstract

Fould bo the evan per ponad A forit eething ind  tion betwon the boned and flestio of the fontabove mient．noma are no evidence of what birds judiciously roxertin ife ！r       $2 t^{2} 16$ ceic   fally $1=$ the ib，wad that for interoro burris．


## Miscellaneous．

A Farm Tabowner＇s Opintows．－Mr．Frazer，in the Appondix to the 8ocond Koport of tho Commusyom on culturo olles the oridenot of Johs Towtiape－1，syod

































 and cast an wrouot Huats＇b ens thas there＇s an thiag is aght in the nchool that there＇s no meed for：

















 mote，and are micuen sevitif There pt mimntess swetrine and leas blakigmanions than there unert on lak．The cottangen are nest his！wa groul in they ought to bo， threa－fourths of those in Ingnidisthorps me wery ine

limane ahe 11 ！tha been three olambers to malce it IN，Y labontag man out to pay more than ofl．
 himsalf to pay 10 en jear for a quarter of an acre．

## calendar of ceyerations．

 The teed shonald be drilled theo a fone beed－bod，and
 $\therefore \cdot$ ．．．．nk as to preve ent maoth of the seed being burned too deemp

 be neocessary．In this case Clover seeds，or Clover and




 Marbl 10 more of the 11 wh an 1 and late distry to















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 almant the only ativern


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 an $n$ po thanmil：to rabe Itilit
Gorne may likemise besown ed lat month，either es orse mon of－itala
 ＂fiply of Whosemme grean food during winter
Apal it better mute parthern cpantres the bearaning of Apral is better auited for mownop than the lather buif a Mrerh but in lomatiten mhare the month of May ts ir th I Ants stim．be bit is y ver the grokind，


## SUTTONS＇GRASS SEED：

FOR ALL SOILS， CARRIAGE PREk，



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SUTROvS MIXPURES の．FD

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SUTTONE＇GENUINE CLOVER SEEDA．

11．f1． 190



SUTTONS＇RENOVATING MIX：LRE

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Pres 3 d －r ：

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Gismanas；Drumlanngg Gardens，February， 1869
1 prar your purple secting Verbena extensively jast year nt Archerfield．And to thoroughly test it agount shat had the groundwarh of a long border pade up al equal proportions of these two rival sorts．If foand



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 Rothrt Levedh，Castio Auro，Nuri Lis Creprgu sovil，Inghorp，ooar wity ford Curariel Jonas，Criahall GranQu wases． Thilen Dormat，民Z Lesor Steret，strayd


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(AMEliS
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HA\&TLEY S SHORT TOH \&
IMPMCTH WIYERPOUL SUEDE
CHAMPION GREEN-TOE HYBRID It ENIT CHAMPION PTRTLE-TOP HYBRED TCKSV DEYOXSHIRE GREY STUNE TLRNIP POMERANI IN WHITE GLOBE TI RSII' IMPERIAL GRKEN GLOL R TLRSIS LLNCOLNGHIRE RFD GLOBF, TCRYI?




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## Che Gardentes' Chromicle.

110, 1868


It will bo remember ul that Fibina wforina-
 numeroits durng the past diry suinmer, and those who risitol Levicester during the great exhbitions of the Royal Agricultural and Horticultural Societies had umple opportunties of parcearing that tbe Mulland Compeny'a route formed no exception to the general rule The firez were not only numarolis but $x$ ome of thein of a vary st rious chararter, extehel n! to large areeas of

 comperesation have been mittleil prisitely by the ta.lway mmpaziacy. I at there have bern mone rxention to thia role, athid one oceurted on the Shdind (irent at Vothongham it the rewent liso os, wheri) Mr. Whenis, the whetal A-simine it khukr ipta, horght
 paris for mury donin by 1 at tu liss praperty gitueted at Kegworth, on tho Nottrighame and Lelcestar lice. The principal tirn-for there were many of them- oceurted on the iota if laat July, destroying 4 acres of limss keep, soretal hundred trees and shrubs of right to ten years' growth, nud nome established jurckeit finces. Acting under the duriction of sine of the subordnate inspertura of the Ralway (etaprany, Mr. Hal.EIE caused the damago tu be watumated by a compretent horitcultural vuluer wh rasseased the loos of crup, and the cost of reaturinz the plantatpon and and the, dana are to the frettind, at ining fer aslo at thet thase at 350l. Fir theoe athosides
 cums. Who, bo far froth hon manery at ancer and deniod thear laskats and fouth not aran entertain the quewtron of compmastion at all. F'eeling that nesther in law nor "quaty corild damage to manifat and metiour be pook-pooben
 hus eolicitors, but it whe not until the irreantible eloqnence of a writ from the Conrt of Queen's Bench had been tried, that the Company was
 bilaty. Then of Jaras woss Bltempted ata 1 the
 offer terms, nor undertuke to seashre the dinkage, there whe no resource left bat to carry the mattar unto Court. It may hare be remark the

 beforw whderl to, atr, 1 ther saltane s feres.

Is the day of trat approwed efarturos wan maden , with law the powa, and refor the matter to artatratas is but that Mr Ifami* detatived, unimes the (omputiy a alil councht to

 to do. Acoorlingly on March Bth the comeo went for trial et the Nottinghsm spring Assizes. The pleadinem were opened by Mr. Oferemd. (2 $\Gamma_{*}$, who, wath flane preparixl fir tho purpane. Was explamang to the Comest and yery tho nature amd intint iff that arjury fathitwed, whats the





 firm of Mowst Jivily lly has A bix. of
 A verdiet fors thit phuncatr fir ziout, nulyart in
 and wo the logal procemadiage enilenl Minee thet Mr. l'HK4nv hat examarimit the property and taken particialmes strad an thon woth ult hur madn hus awarl "fir tho loas and damagn numtanced by the plantaif, at the sum of L 4 A , and no more.' Conmaderng that the angonal clam war for 11 h. . Ifs, and that some sil additional troes havo sunco boon found to bedeacd, thes a wand may bo taken ese complete confirmatan of the juntic of Mr. Hauris' rlam. The raluet ecting its this cano war Mr. W. 1. AYREs, of Nottagham.

Notmohatanding the amount resotered, it mas fet lif st it flime to mate, that at it.


 16/ ${ }^{+}$Whan wir state that nbont ans arm of grouml had i.s hate tho kolled trees crul beal out. and he trenched jumpuratury to f lanticg, we ntand ecaronly ray thn aum numed would buffice for
 to come from, we cannot imagine.

$\qquad$
at onls fine bunchew, but cood Anvour and bigh finush Wo underatand that the beatiful Manotr Caypuechl, referred to at 0 . thit, was first dastributed from the Bojal Gardens, Kew, ebont e couple of years sinco. The origival ilfustration, with that of bovara other Indian plant femarkable for their extreme
 Eitanalay
in 1850.

- Sydney pajers recond the appearange of the

 that mit prise in the wine is so much more per gallonthat is ebout all, and this beege in reality a ounsumer's matter.


## Nev Plants

Taronsisa

## 

 A. HO Angulatil velulitio, tupuith aubarbleculato dimi ouls mbtrud velutinta vix cancocentibus, brectols conatit





We here eule the techrical rharacters of a plant krown by Mr leremith, of The Detibles Liarlens, under the fale neme of T mollissume. For the hiflory of its motroduat on and for a comparative atatement of the mest dosely related nelgtimaturn we refer the render to another cotumn of the present issue If T IV.


Fiomers nimill suphur coloured, apperior limlo of stigmatical hollom, aid sicme dula on lie crest, brownish red. One of the recent utitroduetions of Messrs. Beckhouse \& Son, of York, probably from the vicunty of Paru. IF. G. REAb, M.

Brasgia arcutaren, in
 gloribuan ; topalis subequilibus brevloribus, libollo imuph


Ons of the Peruman introdustions of Metris. Veitch. I It is in the way of Brassay lanceank, but tho fowers ate maaller $\boldsymbol{H} G$. kehb fil

HEDDING HLAVTS GROWVAT CIHSWICK
The followigg sbetract of the rexults of the trals of anw rarietien of belding planis in 1368, from the Report which has just beer swed, will be suthicicnt for the unt of rutivitory, an fil matige the eolsurx hatbit, and reneral peculanties of the several kinds. and dre, it will be remembered, what peculazrly hot momb morta, which in ordinary and monster matong mukht hare a sreater temdency to lees dopelopment White the exhaustive charncter of the weether mey in sime raves hove intaffered wth the normal consiouity it hoomm The notes here collected whil therriore have In ortar io render the repurt the maren complete, the

 inciuded.

Dethive Erlatimy ma.


## Phemern round potaled




 At risem In $180^{2}$





 Promed -ITroco Teck and Poot Leuren

##  <br> \section*{Y class in 1885 , confrmped lo 186}



##  <br>  <br>   <br>  <br>  Nomemay, Thin, and Wratham lifinc. <br> 





 Margins Creamy White.



## TACsosile

I x the antumn of inst gear Hi Frem tr en whe He Cubth, of Thie thenbles, near Dork ur, rant to one wit tuectinges of the Flors, Comnittec obsorn med

 for momparison, and named T molissima evident that the aupposed Den porned he ament w nother apecies,
ccideatal tramposit on of inbeln had taken $r$ ve. inguiry, however, Mr Irewnt atated that he bat tm is the platithe called minlionima siome iniz, firbute reoeveditin the first listhon of fromis) Wr thar $h$ son, under that name, that dthel bend ment thy
 other Thiss atatement of $\mathrm{Mr}_{r}$ Drem its mupted
 oppareatly of two specima, ander the dawle tri
 mentis sud ss a $i$ it sate I I lant and the


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 ens are, t moas he ree arke, 1 at [1r

 misnt T in fer: - , this doubt, indeed, lor the le ands involucre, scemा to us pracuels ranzed in the Bh Botanical whe roa T molla+ +na,


 vatheseat form of Th quiten+1:
cuapsralive staternent sliow a in
ta the Itree Learl's all.ed forms above ane from He other -

 tintted marginy 4t 11
 1 hio moulh of the raruat rounded, and
 meda har Invin
"at cilat.)-Loaven nearly glabrous


$\qquad$


In the form of the leaf lobos. braote
 plant hus long, coverod with a palo Eal tho recetpet aveds from Rootextor
x wen thet T. quitansis, which has so sibali under al false namu, 18 really a han the true T. mollissima. Both are, ital, but, it there is choice offered, we 1 defot T. quiteasis in preference to

Jodear to ba in rult tration in lem acandor; and the creamstane the mulintara, and the externmace of the forras in latitulo pould



 ep tr an kaful ari 1 . .e stamist 1 at le 1re stion tino ar titrie nither spockets whith introjerimg


 acant tha mbervil.ot of Jor Jantr
 anare urealy al fearel
re dray wher al at to eratl vator,

 them" wearibesiznor of fromus sim) to toother fail Ahea tofits its ther flowers are often afse brith platemer tulbe (ysery-conid rim flowian ts and bitits ton? he
 C. L 4 RAW IVG-NO. VII * thalsbes inf Dowsers, thelr wize slimuld the drasing jo which they IDR, and jf theys added to etructure they ohould always peco on botang, the digsentiona ate 14 front the mat + ral \& to
 a latre productiong of thas hrge enc +uta to be aufficientily
explanatory even in respect to their hairs, glands, \&c.



 to that the , tlppy diadrum



 Lot 210


 ad it an whiblime thing are bethax or o


When the orary is represented ent open, to alone the arrangeraent of the or ales at is advisablo to cut the corons also in half vertucalry, and treat it an to 1.0 former enve Cruerferous plants, such is the Wal. Lower, Wha be found easier to render ff treated es in the next dil.ram, the mesthere marked acrnss as atest of the cistance and siza of the parte, may be put in of save much Trouble and use of india-rubber if they be reated is in the seet on grvon below, if there are many mmpartments thas circle shozld be divided orstematicaly, bs lines radiating from the centre, 1. 15 as posithle thus to make thems all of the same mpes ons. The richt-bsid fore the tharra Nows hovp tie struct are of tho Corsinp may be shown


Irrogular flowers, such as those of the Vint or Dend Nettle, may be represented oently litised veri cally with but half the parto romainuge sa the folowing cut, or spread open like any regular fowrer
 mints almont alsay speras from belwech them, arl保 mase of exch filament to the eleft of the Hower. The flanleuta in such flowers are often attarbed low down motan ar nemin or botanical knowledge of the draughteman. The noti or botadical krowledge of the dreughicman. Nillusirit ori f Mr obseryafions
l'apinconceo zs, or I'ea-fiowers are ofter represented Sor ce entile purposes, with all the barls separated, but it is a yood and conctse method to show a flotery cut vertically in ha fthrouph the ovary, so as to exj. lan the relation position of the parts, the number of onules on the zec $u$-vessel, de


The foregome remarks mog be cervicesble to tions who are ambition= of tenting thpir pat.ence, and correctness of eje, by difsecting flowers. Indeed, one of the fizest exercises of the former virtue with whech I am scquainted, is the anaiysis of a dried flower, from in herbarimm speruman, per. aps very samal, wormmaten and alupy, and having wo apparent anslony 10 ans s yown plant
After treating of the inside of flowers, it may be wo to altule to rarious coseringo of the aut ide
spines with which they are sometimes c.othed Let nor the botanical artist who would earn a character re rard 1 cre ax tr limg matters for represfatation
 atporetht atporetit mpererace
 abist ti tepr 7 mi alte usrefe betweat tumpers. It bist te ater 7 misalte earse between the ronitending
 Nete was-ae os acteraly resarded as a neutral oriot
Miturs foweser, of sers obr ous on a plant, slould
 tratale 10 torm wita the part owerd hon it be

 he , whe crectis lie irt st $13+1$ see that it is safeat to ho er rret to h hatr, ar I a Le widles to edurate and
 nore suitabin anbertz for the Turpose tean the Britesh loses and hramblepe, two gro.sps of pants areatiy indebted to wuto Britise botanatis for ther numerons subdivis.ons, and which, without the ard of partioularly correct drawings, it would be very diffoult to define.

## ILARD ILERBACEOT'S PLATTS

 the see 5 of fremual ylants, aud bame is attrouted to
 nearer home. We may take it as an axiom of general applitabiltty that the more permanent and peremalal plant is, the prealer the amonat of care and patienve c. iral ill ramer it from the readiak ato te to

 ir u the ut irtunate flarit isd suarded, and condemoed 4 riats evernted w, thont of fare tral What 1 fis: tuerefice to do, is to place before purchasars of ut 1 seeds a melhod of propedure by whth they may be rbabled, or at least asis,sted, to do justice to the seeds, 0 die vendor and firally to themse, ses.
Exery nue who has a marden purclizes his collec. ann of what are technically called "anauala," and sows them after bys own part cular fasuou This concota lasis tix in apriok ing the sped an sman, circular patwes in the wrders, wierm twey rapdiy sequetale.

 zol plants or more strosing ir matery in a space of ground of gufireat a statit is astut of the perfect depelopment of some life or inat ithls One of the
 ments, but from the pra in lixt de-nrbed, ot
 Cora others hate so well frointed out 05 existing in Nature but apanast whicelit ourtit to bo our amm and object to murd We ought to endesvour to place Nature, it cact within our garder walle at an adrantege, and not at a disadvantake, as we too frequenily do. The remedy for tills is smple-riz, thin out every petch, pasigit first, siny a dozan, and finally reatuce them to threqu ir foar, untifurther, begin to do this as soon tis ever they finnta rau be hazaled
To dopt is th a plan as thas for moming perandial sectas, caut, hosereer, ficser le attonded with satisfactory resplis ; mady of them, espeaitally the more permanent arete, monla by thic zuturin liase made so litile growth,
 amont leafiest pisats, woud ran the rJeg of destruchon' and presuming, as is sometimes the case, that he seeds liave not vegetated the firat season there destruction would hecome almort a moral oerta.ats Without hesilation I therefore say, do not ow your perernial seeds in the spot which the plants a paratory procesa tis I will मow briefly endeavour to explation

I resuming that the seteotion of the seeds is made, and that the soeds themselves are in the hunds of the Hethaser, the omemtion of somime should take place as arty as may be practiczlele in Mareh. First of alt, the requisite number of we wor six-meh pota abould be obtanc d, al that fach seen pracket can bave in seporate
 if satul itud lemf-ruould theresn ( 1 obtanable) should
 sharp eye after morms sad at once remoying them
 placed above the drainage in the bottom of the pots to the extent of two-thirde of the daptin, filing the revaining therd with the fina goll ; the whole should then be wel] pressen down, en that the surface for the remt in of the sectuthould be hati an inch below the brim of thir pot, nnid tulerably even. Jach packet of eed should then be sow n, and coverod with a apriniling of fine sofil, which is to be presed down by menys of in lai picee of wood, or what will be merighs more resilily atalable, by the bottom of a ilosrer-pot
The best garde as to the thereneess of coverink R, Lired ia conarrange so that no seeds alaill be seen on tire surfate after the ofleratam If the reads ane m nute, a rery smal. niant ty कill be rcquired atajn this bal if they are earse more nly Th. scomifected art parin gret duly labelied with
 anal liek be plawn a a ala faso tome near the ghas, hamg hafe hat each pot -at gnemrls so as prarticsom
In yrepising the frame for their reception it is Rei rable to bare a grood thackpeaz of lume rabbinh is
meanst worms，arol shary ashes will anzwer the wime purpose．The lights should then be pht on and＂oned
 mdriesble to give them，witering with teprd miter， uning a very finn＂romo＂for tha piritnainan tasan than
 is in no case wuthod over the ande of the pot，Thill the

 time sorne of tha weeld with bute wale thar suptur an e，ant ar and be cit jer transforred to another


 to makn as roknist a Ert M1，as pusw int

 shinst．
practiec mas bo ront it＋ed tall the ead of Juy，w， one further proviso，that whenever a ment．e ram folling the seeds rhould have the full benetat of $1 t, \mathrm{~h}$ at they should bo prikected agenst exposure to thuud homes，whinla are sure to d sturbint wiath out t．．． amaller seeds liy tis time the great mannoty of tha，

 dethens．An hef ate remarke．l，there are many plants that rarels chersemente 1 ar first seasen，but well briir abunadatly early ir tiof fol nwing ape ia＇i a remar

tha none \＆All that 13 necessary with the pitats
 Ifaruintu That is frefuently a great pest in damp localities，and is only to be kept in cherk hy errefuig removing the smat！presments on thifir ird pipearanis，fir pulowed to mike ton mu headray，any attempt at minnosa．

 ＂f hation wel feremsert cown，in hirt，the promens fols inas rexinan in the mane ten the wring not should they be desparred of attogethor till May or June
 $\pi x+1 s+11$ matmimen 1 the ve of ilower－ppots rittir
 the pots in a warm，sumby marn $f$ ，onl inrunza same simple contrivance so that yru ath ulachin w in mita
 order to keep off heat
atter smanle，woulaies，and ot tuer depredators show be manataned．Ono important pornt must not bo for gotten－pever witer in bright sussbure，masisy a gice orard of younk plantlets has been loak by the neeslet So murtar
So munth for tho meeds in their reed pots，Now ${ }^{3}$ surd or $t$ mo as to thenr treatment afterwards，My

 four pota，say three in each pot where they will grow
well deting the smmmer，and bemme thorotethly



thus inink therg amyat mots mith

cuflivent is an somie of the stror
maly he toante and zje tere 1
hated，or $\pi\left[\begin{array}{c}\text { ctw } \\ n\end{array}\right]$ born fo





 and the eoll werthor， actionisal athon


 tre Drabias，Arabla＊，\＆


Ono further cautions it．J mi Izak ankeal the dotzong Reedjang I th yor ox w
 the buck of the loaves，and the probabi is shas a





 will it frow realiy effectual

METEOROLOGICAL TABLE FOR THE QUARTER ENDING MARCH 31，LSG9．
Observel at Weybradgo IIeahb，hurrey Lat il＇1＇th



 degree，that gotlang short of omblar domotiontati is Whild dispe＇them．Even thotigh that arla estament may
 la reproduced year after jear，theya aro aidsint．ent
 bout by somo fortuitolis accularyt，rather thon wit lis
 gardexing．as in other thicm．

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broush someremarh hat reaters ang remwnam renorting on rewark inat fell caled upon to muke in reportiog on the hincs atd b，ne－hirdara at Arether－

 a toe sante paduack，alid enjoy，ing th thout stant iatiu

 ander dishuted and hosted dis Gecred to the banner，upon which was Erittell （p．229）then pontery out the inmouracs eve folurions， that writer muat havo bneol his acgumento unin that

 had assumed，pather aleteriy kation in fir T supporter of the cause for mhich his baboer unfarled i havo wated petipnty whala all thas has bera roina cis，ama lavin been Mr．Thomsimia tas respader 1 tiow feanisti－upon me to vindjente t． goperal eccurn y firy my rt

 an stop for roct ram I rat ols－winth is ni，＊frais and that the borders wiren．ded to jeear bog yor ind un to the espmler treas whits must bo
from the rully of the dowter tas one risi wirn lit ti the mander of ezjresctop，that the worlis in ahalics ctow more the nmactplo of root extenston thit I mas not wn has en exact tape lige measurement of border bres．lim Feoling confident that it whas ato wild estimete wh ctb the cass of the forar priseipal wiofries，the with rom the back wall to the espatier trees is 19 foci 1 c Thomson＇s own cxpanalion，with feffereme to the sod， 13 jerfectly gatsifactory，and dom mot arijumit in the least the accuracy of wat I intetided to Le sithfuf remort

## SURFACE CROPPING VINE BORT＂FIS

「 artiag from persona exi vanation－to thin formare hijarton pubt iswe the sinflate roppingid ine：－
 acentey by the wis lum of se efre＂．As they eprta Jug






 pmat to aer many devolees．In itn al！eur assiad
 whit rhens cat combimations（bir dens are grous proagh fs to the mechian call，constrisetion of sols3－ Witat shou d be introntipec to drsumite，and what to eve inhafenty to our favourile stapies．but the



 out chart or cononass，orerdstonaly makinta sa．I matakey． and it the cliar re to bate plotad cur crafl under

 truamphant amsper 10 ousarontents who deal to ［tinsw upon the pribetiple of thfir forefathery，an］wit can sem nothong pood beyond the limited area of ithat One xratn of corn is worlh rectable practree．
One yrant of corn is worth a bushel of chart，snd








 or h tund insor than ament wisca was ao netist，ratly

 uf wat ow and comment
Mr liwh appromedes the subject with his usual erthity of lapipuage，and butdg upa most elphornt IIres hek un the ther biding－ont



for thit it tup mare intenduend．he seme of atalation the the rereat on end propariot oua of Foug npuarentily unanswerablo Lis mat me try（t）sem vith between one writer and another，bul a hmad swon Gerreen one bystetn aul enother，wher wiana form publis paints．＋trial neded，certa nls live ratemp Lie sil me whe thomann ars the prathills－ollt wrom 1 jrims le ะテlma resilit
deeptyinto tha finc－border＝ Lergased tan over thent it sospyed manure，and orer to sos，an a ill that on plant tho bes， ronts of beddemes platits arn not sibyulary，ton：

## bed ling nut many be kl 1 an <br> \section*{}

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1103 Ibe sultess debuted uj，

## rousts beroud thers 6 abn．

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## hats provended the further

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 and coublleas，$t$ ，s，with tlie Fin＋and the ather thure that jet to ascerta pery schmol of young Rardeners oushal to a arrangidg e Curriculam．
ce bo deleter.
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## Cortespondente

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## 府, $\boldsymbol{H}$

Piacti Destroyed






 the homane of claminion and it iglp. The tr. 1 ts bedet.t an 1 hus Italaa to Gativara to his Brechus, who brouplit the his tyy, commementit



 Agricola, but the subsequent fotercourse could hardly






 in what exteat the cultivation wat carried, ifration 1tiz.

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## 



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 Varargated Pelargonam Show Proposed Congrest




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 tran whin I ay tlat jablers and elmernatiage of



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 zanals. I propose that the essays should be delivered or a sub-committee thereos, should doand sumb whaty is






 shoutd have boen gitad had thase fow rugzeations minated from some more inliveztial and exper, (1) is Cannell, Nurservinn, JWoolverch. I'l :



 Hardy lro



















 $[$ ineliere it in jet very amporfectiy hoown, what vature may be roniraned to da, under judicous may bo alterind ith their tinth by the pricers of aratitng ufepreivily in the rate of thome which can be pron
 are anse wome ak if il th rove Eitn whoms lhate latelr
 Fonle the ant ratur, intate tuabe it would be likely


 perary Twns, lie ind

## Forelen Correspondenee.

finirning Notrs Frox Rugsin (se p. sill-In speaking of the coloured-leared Rotaronat mas, 31 Fink

 nir m $t+\pi$ hat $h 1$ (ial) Iavi been grown, but to think of




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 have no partioclas merit, and cultivate only those that



 ans, thest carriel the 12 t ort if thes fisht- rould
 but a full srohme in dismeter, it misy meme lo moms amere fiction that a Calcolar: an le khiwn hian archine in dimmeter, but it -., firtimiar true


 bettor whs posabible. Tho pote, too in nis th thes nero
 Nemetr. W'g parubby ( acemolarize mert not chowa fiey are e. Doulutiful, and so worthy of a shot in oat

 $1 . .$. der glase and in that ceas the olimute



## $-4=5$

In rpeak $n$ se of the regtables, he reopmmatur
















 ention of those hively to foel an interedt exhibltions

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$$ Oo anme deap impression on all other wistors $\stackrel{\prime}{2}$.


 Fecept













What if is nivetrin


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## Socfeties.











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H1tit-





2

flaral Comnintee
and


## Kotices of 300 K .



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## Garden Memoranda







 1.1.



 These Araucarias mang from 28 to 80 feet in keirlit, in








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 gigentes is planted in a Fery rijuia i: vilun, where






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 forwith were mounted. The bottom of the bailding torms a \& Wellug-house for a family, the second ard

 afilthere. (Tobea ned)

## Obituary.

On the 31 tastir at Newmarket Hoad, Norwich Wisere nhe hal maingel sinee the leath of her luahatid,

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## Mincellaneoung


 mercly the double cordion repeated; and $\pi a$ musi suppoge the two branolios of the double cordon to be
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## ( For the curwing went.)

PIAYT IINC'MEA
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 The old, hard-caked surface, dry clally will be needed
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 Vin inses, should be earefal not to push tho retarding Prunalnymirn 2wishim, its, Better to set them zethly crowivg, lam to risk a riexk, from which they
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 The more air that casu beafforded, so much the stronger The more air that can beafforded, so much the stronger may ha she liquid manure used in watering. Now turn this nourisbment to good account. I have fre-


 gay be cenver.ent. I depententily of 1 iaf in, unous
 parely non-aquation their asture, to be alwiys gintted Fith the liquid element. By allowing the plants to become opossionally dry at not too distint periode, ${ }^{2}$ quiok growth will be more read Iy inaured in the futire. HARDT FRUIT GARDENT
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KTTCHEN GARDEN
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## SUTTONS'

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RBLA in: FRFF
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 THIS PRIZE WANGKL WURZEL, Hiblomit ulobe pariety in culivation.

ETTUKS TERKSHIRE lRI\%E YI LLOW GLOBE.






 Lemtut prico per awt. on applicatort
STGAR BEET (Sow 8lb, per acre).


## SUTTONS CHAMPION.



4E"SLCCESSFLL FARMLNG , DETENDLAT on GOOD 8LEDS."


287, 238, anil 261, HIGH HOLBORN, LONDON, W.C SEED

FARMS Juprs mili pram beppay risex GODS HOLCN FABA ST OBITH FSSEX EAST JTOUSE FARA, DEDHAH, ESSEX

## CARTER'S

IHPERLAL ILARDY STVEDE.
Sec Illustration at page 380 of this day* Gardoners' Chromele

The bast variety, 18. por lb.
Cheaper per busbel.
CaRTEES "PRIZE", TURNIPS NUA SWEDES. CaKTER'S \& PMzE, MANGEL WERZEL. C\&TTENS FLNF CLOYER SEEDS
cuRTER'S IMPERLAL GREEN KOHL RATI lor particulars of the above choice atock. вed Cartek'a Itlustrated Farauer"s Colendur for 1859

mancheorer meetino, hab.
ENTEIES for MMPLEMESTF, AC.
Cluse on the lift of Yati, ands and
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## © The Sgricultural Gazette.

SATURDAY, APRYL $10,1869$.

## Apall 12  

homectitital labourera are, wo helieve, at presont exciting more compassonate intorest in the mander of wull-meaning mon than axy other clacs in the country They aro declared to be half-fed, illhoused, heipless. It is no answor to suck an assernom that other large claseas lifing in towna are in an oven worqe plight, and that unskiled labourers in the countty are better off than the corrosponding class elsowhere. Tho honest inquirer has geacrally to allow for this fact, howerer-that the supertority of country lodging, bad it it tray ofton be, and of country food, hes to bo admitterd. But it is the compsrativo helplesgness of the Fillage Labourer that touches you; the townsman atrikes and congregates, wren riots, and $w_{1}, l$ be heard occasionally -the farm labourer is nover heard. That is probably the reasn why clergymon and plalanthupists are so urgent on tho subject, and why Fintmers' ('lubs and Chambers of Agriculture are constantly discusang it. And it 15 well that this anterest should exast, not withatanling that at as from tho elass themselves that help wast really comat. Thev aro not holpless. (Heor grat part of Larghimb the agmenltural habourot of a certan
 to 25 , wheri as winglo man, ho 18 lodgon ead broudod, and recelver from 101. to $16 /$, a year. If ho could only be mituced to abstant from publichouse resort, lu might before ho marmed bo a matu of property -have a housef, il of furnture, 'or eres both house and firtature of hus own. There s no one from whom he hw anything like the cheuce of holp that existe within his own untulded reach. And it is on eduration dumng , boyhood, and on cimaterate and frm managoment duriaf youth -on personal character, in short that hus condituon as a man tepemis.

We are glad, ifer thelesa, that phal, e-spinted men keep tho facts regarding tho class generally prommently Gefore tho publec, goed service is Jone, ant oinly by those whin urge self-restrant and jorsmal intluenco as thin tw, great helpu, Lit havo by these who entrese the moro public agohich which aro at work both agauast and for the class. In particular, all frae pictured or







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## Forelgn Correspondence．


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## Societies．

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BATE AND WEST OF ENGLAND it ti A Late Council meating of thit sotidty 1 tand on the table a copy of vol xiv, co worjes commenoing wth the extonston of the perationg in 1838; and it whs ordered that part of the Journal containion lat (mom amalgamited) a arim or third serfos

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Farmers' Clubs.
April 5.-Mr. E. L. DAsEWOOD sait tale thata form parmone are trarn of thu exists 10 the modes of rating in the thred
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 und tha diemand general $y$ exceeds Fopeho has sent the two breeds, cantode tue sutherionty of tho bind, of rather meat producing. at, while than the othar, and lis ziut be readiluer is nargely comubo poutry is better in lieane refy bethetsin of tice braeds, mades - Derezed it a bettir snowledga ? much nitutected his our country."

## Operatons.

Bto $2 k$ meliondenst, bat So hioches apart, from Famp to the joud an of Mouthern 4eality 12 a deep sandy loam, but 45 0 sulis, The tand is general. 5 ritosi in, sum, when, pracure being fabsontwou pror to marivering ploupline be mariuriag: 2 Rypamm, at ha to app,y wood cime of soming. when sown broedthe artifigalal the ceazo of the cazo of andul form. and fresh, it
or a dey or two before bowing and a peok of Barley or Rape may be added, to show the line of the bru.rd aro somn broadent, and 6 abe drilled in per scre. It should e 1 lit $y$ covered with not more than ball-anincm of soll, ind ro. ect.
Hangel Wurzel, s menerally bowd about the fatter and of the morith or beqinaing of May, If the ladu has beori reevonsty manured, and is ready for sowing, the lattor pertod 1 t often as jrombing as the former. The semeral practace, howerer, os to manure at the thme of aoring and for Euch the former period is to be preforred. About 30 cubue yards of farmyard manure a month or six weeles turned on the damghll, is spresd evenly in the yomly-ofoned dratls, from 27 to 30 1uches evenly in the mawly-oponed drits, from 27 to 30 naches apart. Aboat $\frac{1}{2}$ cut of superphosplanlo, and an equal duantity of common sait, are sown breadeast on the duag, end the covering of the dung leeps pace with the opening of the drilles so as to have he little exposure to the atmosphere as possible. The soning follows cose aftor ${ }^{\text {a }}$ yoking after yoking, " Bo ss to get in the seed with the mointure; some damp the meed bolore sowing to ranke it braird more rapidly. It should be lighty covered with not more than half-an-inch of tmould, and
 the soil i. compressed bs hersy rolling the better is + the seed vegetate and the plants grow. When more or lase farmyard masure than the shove is appled, less or more artalictal manure is used. Some apply tho art fiswat tmanure an aquid form, by means of a comsbroed Joun ruanure and seod brul, ether with contımıous or drop motion, as Gillyatég. Tho latfer, the dirop motion, sown both the seed and manures bilch rois allernately, and at equal $d_{t}$ stances apart. Noi n fow nrefer the old whan of d,bbling in tho seed but contaunols sotw 13t, for many гensons, 15 becoming more and tioure generab
Sujar-Zicef (tho whito Gilesisn) la sown about tho same time as Nangel Wrurzel and Carrot. Its cultiyation perhaps, more resembles the latter than the former, the deep workug of tho land beng essentis botn ink autumn sad spring. Opinoon 18 gomewhs d.vided as to the soll and menure best adsjutad for it, but there as litt $\theta$ questron that at rasembles very closoly Mangel Wurzel in both theso respects, ricl and rather henvy land being the best The distance batprean the rows is very various, but as horse-hoems 15 favourable to thit groseth of sugar, 90 inohes spart growing the roots the closer the other way, will probably becomo central, moro espectaly as roots ove. itb decreaso in saccharine valae. The seed js somn as
 $x, b$. peracio. And d is essential that the seed bo resle of the lest year's growth asd of the proper cort so as to ussure sn equal braud, pith plenty of piante enuslity in the size of the roots being the bure bey to sucooss
Cabbage eood mey bo sown about the middle of the month for thmning out ia the drul, so as to aroid eransplanting. The operstion is similar to coming l'arn'p seed. The land 18 in some casea maguredill autumin, in others at ta une of a the harroxs
 whll monerally maie the ridgelew roar arl puiverised ared-umah, ulud it the lazd with the weather, the harrows may now requred If thatured ail the time of sowing, whit fram 20 to 30 nubic yards of farmyard dung per acre, the prichoo is sumar to that of Biangel and sugar-beth if tho 3 to 11 lb of sed nto sown far mor
Cabhate plants from the autumn sowing are planted from vhe middle to the claso of the middle. Abouls 5000 Drumend pinte will plant an acres. The Jand is either manured in auturin or in the spring, about a month before plantinge. Watering newly-plantod Clbbayes is tenemily objected to by farmers, but tha praotice $1 s$ gearery furried out in pardens, and may be 80 in the foed but in very dry wather each plant siould
 pot a If watet 15 pear two water-carts will beep half-idozon waterink-pans goink, dorag about 6 agres $a$-day.

Hop Gardens should bo ready for poong in the early jart of the month, brpin to rise rapldy The poles srasilher seu velicaly ono or more in each hole, or standarda are mad and betwenn fless wooder barb or ralranued wires are
 plantations weoda are kept under by means of the hoo and nulget, $i$. $e_{1,}$ hop kearilier. N arsery beds roqu.re also to bo weoded and kept olesa.

Teasel is sown thas month, elther broadrast or 10 drills 37 thehes apart, from two the tor frapsplautfier in gutumn, the orop being harvested the steond ag in moty is the more common practice. 'I'he year. 1 ns latcor plant requires

Chrory is sown this month, both as a forapo plant on poor sandy soils, and also as a root crop on richer land for rossting ns a part substitute for cotiesp. For either puspose abo more drill andere. Nor bo. ab, than 9 unchus apprt, of no moro than why pormit of tre crop besag hend-hoed, for roota for roasting tue drill ahould permit of horsb-hoeing , her plan- benz bet out has carrok. Chicory may also be aow orow cols in the plade of Claver, on many ligat choverosid. in lingug cown land to permanent pasture, with a ligh crop of Barley or Uatat.

Notices to Correspondents.
Ax.) If Becke Suppoaing yriane to contahd 14 or 15 pur Rillphuric acid smmoula whicb it et

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The chapters in Mr．Darwin＇s＂Origin of Apectes＂rolatigg to the bystems of classification alopted among naturnhats，have alwars appeared to us to bo among the most remarknble among the many noteworthy fenteres in that now well－ known work．Mr．Jarwin＇s remarkaare not only of wory great interest in：a purely actertific point of riow，but ther practical importance 1 fally as grast，and will in thu future be ovell more so It into the consideration of the so－called natural systom of classification．Suffice it to ssy，that according to Mr．DAibwis＇s views，such systemis must havo r genoalogical basis．The several forms and groupe of plants or animals that wo see around us are related ono to the other an Fainous degrees，just as human beinge are．The bypothesis of a cummon ongin，aud a consequent more or less durect relationship，thus affords is rational explanation of the cxistence and of the nffinities of those groups wheck zaturaliata term epocies，gencri，s．c．To test tho correctiness of fallacy of shch viows two coursos aro open to us－ We may proceed leductivoly，and from a foll con－ sideration of the facts nlroady known to us we may artive at conclusions which nall bo nearer or farther from the truth 111 dreet proportion to the extent of our linowledge，ind the correct－ noes of our reasoming，Ut we may proceed mductuvely，and，Fithout bas one way or the other，labonoasly and oonsenentiously accumulate facts．Bach fact throws loght upon its fellow ， anch one，while in itrelf arain，coutiruully an－ foids the prospeet of furthor gann，and opozs ap au ill．mitable prospect－rat ev cr－sh．fting horizon
nowled of what is prohably quite berona mental ratieg．Noverthelesa the aro trimpted or compolled w progress from the ulceasing stmulus afforded by the continual discovery of hatherto concealed truths，no less than by ther intrinsic material importance．Mr．Itoprix has himedf secrets of Nature，and while hat deductions are among the most startling of any in the whole history of scence，his patience and sagacity as an expermenter have brought to light foots of

Fhoh the physiologist already recognisnz the importance and of whech hartictite，liths and agriuulturnits wi lia future years reap the mide－ dial risult W，ib refarence 1 ，the Ibarsi ama
 mant leo tegtad by whlmats of anmetal protope， rithm of ammals inplants，and so we fini Mo， Minifir thating the vialtilty of the theory by an havestigat．on of the（rustucett．＇liben we hafa Mr． bentir ar troating tho extenstro genus Cassia on tho sumo praciple，and so with other naturahsts －and thes brideg tis to spenk more particularly of M．Oabrivize＇s labours．M．Cabturire is a practical $m$ an，and is therefore ont．tied to a hear－ hig from practica．mell．M．（＇ARMEne 15 a theorist，who reasons logically，and takes care that his premisea are as sound as they can be mado：he ls therefore sire to be listened to with attention by others．Mf．Carmicue，too，has pursuod both methode of tavestigatimg the truth． Our own columns hare from lime to tume furnished many mlustrations of this statement， Lt wo would alluto wow particularly ts hes gencatoghal artangemerit of tha varieties of Jeaches and Nectarmes，which is a practical carrying out ． Mi ．Janwins deas as to the relationshin and filation of matural groups．The penothogicat trees of Mr ．If intwin and M ． CAamierf are constructed on the stmo promple as the＂Greek trees＂in the Greek giammars， and which，wo must confess，have acquired in these Darmuian daty an interest for ten Which we aro compelled to admit was wholly unappreciatod in our achoolboy days．But，not content with this，M．Carrtere has followed the plan adopted by MM．YIf Moner，Book－ Masi，and othere，of ascortaining by direof experiment the Irobable origin of some of ous cultrated phante．Thus，from seels of the wild Radish，careftlly selected through fular gexe－ rations，M．Calturke states that 10 has produced a great rarsety of furwis．which ho summarises as fullows：

Aapkanッs Raphantitrum，ridd fars，

I vas r．lativaly sraill，nodding，not very floblby， w．orls， 2 ot edible．
Fl wwon white，vinleb－rome，or Fellow，solf－ocloured，to wuelly whenked．
 Fery lintere，whinh
Rooth laryb，Bometimen Bxcensively mo，veriablo in form and colour，flogly，flowh whito，yoIlowith，or rasy，sometimus
violot，sueculent and editole．
Some of the forms thus produced are valuabla additione to out cularary vegetables，and may be treated пs Turups．M．（＇ARHIERE draw atten－ hon to tho dulforent results of hig expermments el carried out in the light，dry aon of Paris，and the stafier，more retentire sosl of the countrys．In the latter case，on grod Whent sonl，tho tondeney was to form short threk roots，whate 10 the light calcareous sol of I＇aras tho parietaca pro－ duced had long white roote，more lake a（BrTot in shape．M．，EAR 1 IERE further remarks on the difference in the result as mansifested by autuma and sprag－sown seeds respoctifely，and on the necescity for d．fferent troutment according as the plants aro cultivatef fir the sake of themr pods or thor roots．Whenme at well ns from other expermments of a like nature，he concludes that the forms of organised benga are always in harmony wath the conditions or carcumstancos in whini they are dervloped．Tous this seems rather tho 日weep－ ing gh peocortion．It appears to us to exclude adaptation to function，red to limit the chenges too excluserely to thenection of extermal conditions． Ferbaps wo mxis hrve fisunderathod ML CARFilere．Our own notion $l_{9}$ ，that in all adult orgwtised beinge there atb two bets of charace ternstus or attributes－the one cancental and common to all the members of large communi－ ties，at lestin in their earliost stages，the other mani－ festung themsolves at a later pormod，and epectal to certain indinaduals or apecten．These latter characternstice are deroloped of acquitad in con－ fornuty ether with exterual conlituols，or are manufested for the propnr fulthinnit if same inction or office whech has to be fillitled．Thus he cotigenatal fuatures characternse large sections
 to distingusun specters ar 11 divadials one from the other．The experatiots in propresat Chas Wick on this smpoitatat sutafet fill，we Lope， ant only be of arrect practesal bepelit，but nill servo to throw light ois the variations of plants as affecter by differtint con l．tions of soul，de．

Wo may romark，in coteazaton，that tha proctical result of M．（＂ARRRERE＇s experaments has been the production of a new Fariety





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## New Planta



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## hare bas twann a preat $\quad 31$ n

 for the Etplaston Pauel-now I bolieve in reins-to ba even tratated it, and ! muat kay that rety in have ot to bere but whah the sbrend reater will not ful h 1 maser for h.matir
 You will therefore have the evidence before jout from the firut hatal, nod from a kreat wimirer of the azt ot





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 the dulti of the nlonet, ta order to show s clema fres oo with which our farden whina to fontinh, Fru the erructo no, wha ratrued out to the to or oramantiod. Thre EPen of the Yov, $A$ ndins on tho cold the black inh






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## revmentifed

 vers sutf cotiy in tin do Terent sperion bo bold

 the plant mpidy under piter
Bu plant mpidy uader revien chamerer but itl all wre gute uar Loder



## A FLOWTR BASKET.

How comes it, among so many improvements in our implements, we have as jet no "patent ' Dlower basket It in the we had something hetter than a common besket for the parpose carrying flowera for arranging in the rabes of the drawing-rooms. As a blart in this think whl Ine useful for lors purpose It would carr a cousuderable quantits of fowers on is surisece, and Ifat 100 without bra the the or or seatering ibeirg pollen I fimity anio one exclapmonk oll first sceling .t, Hallo 1 we have now a llower hinwon' les. a flower
 be braks wire or zron wire palcan, sed, or, what would be tighter, but nut so enduring, 5iz, smsil babket wither. In makira sach a contrivance it wil be necessary to have a saxalier one (say 3 inches smaler) triclosed aud fastened to the outer frame. otherwise heavy flowers would fall out, having pothing to eatch the stern irade. Tisemntrignnco woutlans have an auvantage over the bebket in the arrangement of colour, lof an.
 ody. I should cay that I wanted on art - is ady. I sboulf cay that I manted an art. te made of brass wire of thas shape (akowing the sketels. I want longrat jart The stze of wire for the frame, lega, and handle, shoutd be 3 -lethe of an inch diameter, the suze of wire for the mest-work, zomething less than 1-10th of an inoh; the inner mash-werk, 1 -inch mesh; the

outer mesh-work, half-inch mesh ; Nmall hracs tying wiro to bo used for tyiak all torether. Thas aize constder a convencnione for a soly, laraer mes wio 11 r to the houke. I that to hear of the otyentinnsto this, atd see something better devised $\Pi$ af, Eng*, Prurgn

## $\triangle$ GAAPTER ON WORMS.

I milise tit whe good old l+ank Walton who advised that worms ghould be mountel tenderly, and bandied Fith the solt gende touch of jove. Could the worme brfe umperwient the matter, they eetandy mould
 giony of 17 ng , and hudand trear strevgth to $t$ ie utmost lizit o enduracce, that they maght wrigele the lomger in torturng tonvalwons on the ral if it critit hook such is a powerfus esimple of the uistart on be baited on a homk, the rouagleat mamhtirg was 1 a
 a 11 Tirent stazny to thi thart ins mpter's, to teterorder that it may uve in hapminess and pesca, ne sat to work to dsarm our prejudicesesgasinist. The worm oo mork tation of prejuiter gasis 1 In the est, mation of thas writer, is 1 i I 1 teit is be Fret iat or of the evith IIr reil bids yardeners that after
 fir anelier prorynsis than to dangle st the emd of a fish-
 estridiveress rinu rating in a do ablless llaere are
 gurdeners tho hreed the "zation $V 0$ soolles 15 a rusie heard among in the earth or upon ha arfare, luan tio uenre to k...
 amima, nith pives sul mexs to therr feat. We aro apt
 esery or or whas jadi or musfortune Lrit in nio centart with $1 \mathrm{~cm}_{\text {an }}$
 te surt 11 the schat:- juthe


 bumanity, but he appeals to thair usefunces. It claime them sa the useful sorfunts of man, manmuch might have been added, that they likewive dig, plough,

Without likewise performing the later, and these five may be said to complete the circle of huibendry.
 to no upod. The rage mot-z-dayg to to teat all worlc the forme to this standard, and froworace sentobec of fife or death, acoording to their proped ut , ity or Liselescuess. But the worass base woticeds workshopes, for their teeld of labour 3 the world and at is supporlant to theru wh ch of there factoritz we alia. choose tu exa mine. If elect to judge of thes work in theo garden and to ostmate ts twe with $n$ that area It 18 only juat to the worns, and tarr to myse $f$, to bear
 ange orer thie thole field of the world, and espec uly "is 'T" estituste of thicir walne may be necepted But Iobject in fofo to thelr assistancesin the garilen, and for the follownge reasons - To begon metif thens copuressuag, wul whoh may be combuned theur daneo aly and may hangnat derid theother prooed simut.

 stas. the done once for all, abratume a ymar in lie cuntrary, the morms are almals at st, lly n ght rad by day $b$ at especially by in aht, fuesy rest not from kuelr
 martigg of the beautr of that verilel preat carnal marmig of the beautr, of that verdan, preen carnel has bay have elechas to enrich winn lucir censeness arespings we would rather depense n.th their prasemce or presence, or put ap with ite r siatlernly wiys. Thes trugetabses. They are s mply unel druber

I do not acouse trorma of eating rints. Rut na foy as plants aye concerned, it somkes but hitle differcice mhether rooks are catent, or ture bly reent asumber, or warmed upstde down min io no samso bouls to tell 13 i er $s$ also boun: to tell $u 3$ fo $n$ at pirphese
drag so many young plants fnto thoir foles.

Furthar, these worm workers are wholly destutute of intelijent discrimination. Thoy trent all the surfaces ajke. They spread or deposit heir manure over the cleanest Grass or gravel, juat as thickly as on arnble

 most down or up where it is lenst wnoted Tha $x$
 consequently dismiss them withay indifnant emiton of
 drumera. All eflicient drunapge liais a twoford object in view. It lets out the water, nad it leto it the atr. Let tut Lest tile draluage of wornas by their eligeretcy ju the performance of elther or outu dere functions Do they let out the water? het as Bee. Has nns one reer segn che outet or aisensige foun a worta arand Now a dratn mithoutin obbed is at andmaty, if $h$ 31 mply a dole for the reception of stakmant wator, and




 srcud deteriorate the soll with greater rapluty um orce when cosseatud together in worm holes than otruoture and lesiure of thr eroiar it Oheration and axperience colitrm theed vem- Tuase sula are soldom fatoured by wrus on tima nirars, the n ti thoulto

 artle. Nor is this to be wondered at, for next to the b.tal postur a filicts is that
whis anil recondriex. These must i: n....s pla ed, and properiy gradontod in relation to gize $2111 \mathrm{fal}_{\mathrm{h}}$



 tats an fathot of pros , -t $\because \therefore$ an















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## 7home Correspondente.

## Forest Yanacemen

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 to throw out airial rootn or burrs;

## on mers quthitimn nomers







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from the nilure of thromible wat the excrescences of ridimenal errial rorts. Bat although it shows ay mpinms of making rool freely, yet it nevar does m



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## Diseased Peach and Wectarine thooth - I rmeirmi



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Telle us that $i_{i}$ was fmpositle for the Fing rook to :- "O The farther potwherde and nowarde the roota jnocoedded

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## Porelya Correspondence.



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 (Wns:+tion



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 "End Wam Tha




 na Trarskog Ooleoten, in the house bolongine













 takn the trolld : In und Fou thes it is in the corner house berween s fort it w



mane nakie, 5 on may mapino bow oftem mustakes occur Whon the nuusber is orverlooked, But such us the custom in Russil ; and for the county thata coverod sulh detalls. Nobndy hera would thavk of writsor an dress, such as "Johu Browt, Seedsuap, 1u, Cheap-

London," without giving somb sidititua, ",

- ilarr, such es "opposite the olock, "not "f ir Fould have to be mriten "No. 10, in case those figures mithe mean before tho name of the streeb the Rusyanm write it, jf ibey write it at all, at the ond of the nddress. Wo give the number the mostit promismeni placto on our shop atuck up on the front of the houre or builtiog, to th it is ravely nothod except from the other side of the street. II Ehort, to show : Hiorr, Mracow onho day without onee aeemp bither the number or hiden under sign-boarde, or the whitewali of tho lin
 to aiplana before I fintsh lioge prolumnary remarts. intinl loters or two nimes to the fancly name. But
 nobody in Risaies it mitate ne neror uras mere Immer."

 $\square$ - olki at tho ond of the fathere name a

 only his fathert, whatever it maym be: that ts to say it - In Iran Karlovitch, or Karl Ipunavilela (pronounoed
hob) Froderick Vasiltrith, Sorgo Andrasytell (tor hye filler we byzo Ivan (dohn) Ivanituh, Aloxmider slexandriteh, Yasil Vailiteb, sc. To speal in a regkectui or friendly manuor, thisis forru must be ysed, but of course with atrangers "Gospodin" or "Gospodn" (p1.) is permitited.
in ndirmar can be complate without two additions to the family nutue, or ano Chriblan names, the son's
 to the writer any rther is ay he a lompind for the ucrat be מo d ubt reepect he thw geternity The Rusentas

DOMnTCA. - The Foot of the Ipecaromathe is much
 1 pecaectundia obiefly, in the tro ment of this opom Our great object is to grow the tome planta if -... hut Yery fow take to the olimate. Some Dalat rata

t good a aomunt of Dominica 1 hod A "Miatory of tho Lbland of Dominica" Was inctes '4. 1 in
 attempt the arcent of our highest monntaiNoom Drablomi-n feat that hed never bef,




 oomiontable
nerare day $n$ party weat up the mountana to nrepare an ayoupa for our reception, bot wero driver the weather $\therefore$ roumbut wes so umfavourable, thet The wealhor 1 be mountan Noit morning I determined on co the ing the sseent proper, being very doubiful of succeeding, however, The firat part of the mountanu side we foond so slippery $(\mathrm{m}=12$ ) yeally scosive; but zenthi: $m e$ rues anin at an


 where wo intender to mak the swent mot thin 181 short, we tmally scommplishad but weth nn ansil emount of lsbour The side of the mounte a wh rery ateep, und we rose by pulling ourselve up from one branin of a tree to mother, wo of our people tiving

the wrudward brocze, and often flerce malea fresh from direction the areot spon the regetainon Lias boes

 and were, mounting a udure it nea yur in ihe it. $i$. con When We reached the summit, ind unfortumatcly
 tecossar ${ }^{t}$ reach our. I took with me an aneroild, did found (that is, if my observations were cor rect) that tho mandin is by no means 50 blyt as is steted in the mounimis is ay no meamion If it laid down ns the vat bua nctorn in height, hut by the aneroid baroever what Sir wo hooser told me. "If you wered What sints so up ibe mountains, ", and in the present tustanco the value of this dictum was etribiagly aspecially on the rose up the Ioun fa the
 mo mako but a sma
no mak eut sma
 leoknes. This I found oult on the futeres part of the ringn ti strasted the yotice


 nu absurd iesermesting, and had the weathor been | fibree nitghts out on the woods, but the ajoupa, if prou-




## Societies.



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of the pinegards whicso namios liey - J miaie neocossrily 14 difurfoty years the procho is 10 give to the firsi h fom wherever quarter it toay come

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Yadeira, to plant the cuttinga at tuc greativer dop su sevure the proper quastity of mousture. It may be nhafrestros to etate the proportion of ceasuthine on


 t' e more usual mode of propagation is by cuttiogs,


 thin 1 ruining farrows. Ofther methods are pract -mis niz.r. it is Desessary to replace dend or disesese. it in i. I established vinepard, and especially Isurr n qraitink is ocxassionally prastised
 stook, whers it is dearrable to $\Longleftarrow$ 1.... tionk and yet retan the variety
 the oryosesive use of animal manure, and in fapour of el

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I hawh Ledt loes in hives of a the chaef forme hitharto lonown, and soorording $t$, sll methods of mapagempant; apd with the luok inlue ar marred hy oll this troublo and enpense, I can teonert that yont hive (that is, Deierson's), amonget all those hitherto known, is the mosh ommplete. It will advanoe the practical managatient, no leas than tho soience of beo-onilurt in in why which cotuld not have been


## 

(erly mado and that it might haven fair trial. In -. objeot I heartily wish hum aucicis, but at the mome I muhf express iny beleef that the Lagestroth tive, - modiecation, known th the Wood bury hive, or that of my own daptyt an su well san some of the



 $\because 1 \Rightarrow 1$ roferred my own of 18 , at uil satiffly 1 roferred my owa arrsagament. Norer-- $\theta$ practical management of bees on $\because \cdots,: \quad$ practical management of bees on

 mentar All that he has bais in fluonr to our require-
 polnta of excellence whiol are possosed by that hive, io tha Woodbury bive $S$ S $B$ ingo nanch greater dogree

## Garden 10 -noracila.

Btctor Gagdras tife siat of the Riaht













 to new grounds or the went in "1 a nay the whende



 rind llow ir 1 Kamm Lesleas, Vacciniums, ko, , white through awongst them a berutiful stream, formished mith trout do., ruishes along, and carries tho ovortlow of tho canals O the sea, between good plants of Bambocos, pampse Grasses, lo. Close to themo there are nore Coniform a noble Araucariis, the firat to produce calkins as , $\therefore$, 1 of the Douzlas Pine, from









 linat: ir ird ant alins. it is. amust dip their Theses into or get bespattered w thi the wher mpres
 Inln of makd tuript nom twa trur of oxplationion.
 hosthen mods from 1 itin an $1=k$ an ! 1 a in tha lentioal
 ohsined, when he was burat for his fath! The whole scone is nacluaed and sombre in the axtreme.
FI lew bteps further and we come to boundary of His ish h shuta out the Budeige saiterton road.
 arborstum. With the exception of the flower garden distanco from this rood to the larse plantation leading to the torrer.

T+ at i riton, however, batweon the a wis garden
 (. , it Er Ma, and ag ehiefly devoted to Rhodo-
 trees and sir sh, the Whole may be included under the general bade of drboretum, The deer park forms the that thet shet out the oflides, Itanem girdeb, wh the and son e ir 4$]$ eranest eproimens of trees stand mear the
 it il timus ln inva the grouuds to nete some of the trop themselver Among tive speoimens mome of the Ms
 Aripelew, 1 hompromianin marginath anriculath, sat congpiput betng some of the fllat treas Amon Comifers the followiak were a few of the most notionable
 round the atem, and 28 feet dismeter of brancheo, Thil plant hat produced oones and on a 18 for boveral yeara,



plenty of seod has hukwite been rinened, in I i inta bule or plated outh Cedrus Dendars, 60 feet $b$ at trane if hat reun)
men of Pinus macrocarpa, will a therty 8 foat round, and a sweop of branch 3 . fect in dianseter Cryptomerim juporica, 28 fout hur, gurth of bole 4 feet
 83 feab higb, 8 feet in girth, ad 42 in width o
 ${ }_{90} 90$ foot bigh, nearly 9 in girth, and ot in drameter if in diametar of branches. Some immanse trees of Picen cephaloutia, in different parts of the gronnds, nome magnfuent trees mear tho mansion ; Boveral of
 brood in proportion 1 a Nordmanniana, about 40 feat high, end $£$ jeot . Cupressus inecrocarpa,
 Inkevise coned, and indend a strad many Jonra apo : handred ratatieds of cones werp exhibited, all the produos of a single getery
 and rapiet



 beginaing at the beginging, your younger readera will be somewhat astonsighed to lairn that there aro to be
pound here somethmg Inse found here something like th in in r tot leat ithen
 planta. Few plants can egual the in in us $t$ a ry gravefulness of habit, or beaty and sweefness of decoration 10 vases, doe


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 asci nearly 9 guariar par acre.
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$\mathrm{R}^{O X A L} A G R I C U L T U R A L$ SOCTRTS Of ENGLAND


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ENTRLIES for MCPLBMEATTA, Aa, Close on the lost of KAy, ant all Cartiflatem rosoifod are that dato will to returned to the renders.

Ii M JENEINS, Socrotars


## Che agricultural $\mathfrak{G a t e t t e}$.

SATCRDAY, APRIL 17, 1860.
TEat which Mr. Oatrd han done for erse, bushels, and produce, in has annual discussion of the agricultural statistics issued by the Board of Trade, the writer in "Fraser," to whom we referred last weak, has done for the labourer ongaged in the production of homegrown food. Using both the decennial census and the annual crop roturns-massing, comparing, and con-trasting-arranging, classifying, and (by means of charts and diagrams) depicting - he has extracted from the cumbrous miss of figures, exhibiting them by curved lines and maps, the leading facts about the relations of the style of agriculture to the number of labourers engaged in it, and about the numbers at various ages engaged in agnculture as compared with other industries.

One of his most striking diagrams showa at a glance the percentage of the total number of male labourers employed in England and Wales in 1861 in agriculture, carl mining, and the manufacture of iron respectively, that was made up of any given age; and a duplicate curve easbles us to compare the corresponding numbers, at the various ages indicated, engaged in agriculture in 1861 and 1851 respectively. We learn from it that there is a larger percentage of coal and iron labourers that there is of agricultural labourers between the ages of 18 and 45-and that (probably owing to the return of old and disabled men to their country parishes -possibly owing to the superior longevity of mon engaged in open-air employment) there in a larger percentage of farm labourers above 45 years old. And not only is this true on a comparison of firm labourers with those of mines and workshops, but it is also true of farm labourers themselves, comparing those of 1861 with those of ten years previously. The proportion of older men has increased, the proportion of boys also is greater, but the proportion between the ages of 18 and 45 has diminished during the ton years.
In another very instructive diagram the moviewer represents the agricultural character of the sefervil countries. The percentage proportion of occupied land an corm, green crops, Clover, permanet Grass, and fallow respectively, is wean of a glance, and the proportion of waste and unenclosed to the 100 mare occupied, is also repro-

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## Forely Correspondesce.

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## Farmers' Clubs.



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 eat it or dot, but I had three cows in the pard, and I told wy man to try them with the pulp The next dey I Wes going throuph the yard, and I arked him bom they
ate at, He sald he gave them 9 busbels, sad they ato it alf up. I told him that would not do, but it shows bow fond they are of at. Sheep also like th, and I have consumed all mope, and should be thankful for some
more. The ony animals timit objected to to were some more. The ony animals that objected to it were some
11 or man weil, and wo may congratulate ourselves that there is Bomething in return from the fisctory that is useful to uns. Whan dried the pulp will keep for any length of
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 it the reme promotion of bewaed farmathe












 obtained by three or four makings with sewrge an the thurse of the year, and umurual of sow ress al





 ano prown. Around Salishburg, and in other water


 As ntwhiter feature of his suthiuit, "t hasu Lo mien tion tha stioceasful commencoment of the Sugar-Beet









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## Farm Memoranda.

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Farm, work is woll forward, itu wume of os
Warley is zet hasfown, but ont to any +13 4 nutulare of $\mathrm{L}^{\circ}$.

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(T0) ts [intenati)

## MEsisellaneons.

Mischrff Catsed by Game Tenantg. A gentlaman took a small fartu in Y orndicro laet spring, the sporting His predeceassor wes entitiled to 39 acres of the arable land us bis go-away grop. Out of that the corn on 13 ares $u t i s$ completely consumed by hates and rabbitsot a sheaf reaned at harsest, while the rema.uder wa
 fustauce shatar in some joint.s to Land ajent, of a to make his rent out of the game, which fed upan the cther feriants ${ }^{*}$ erops. I cartuinly cannot anderstind,
antwillistanding the nerfect right ho has to do so the mensure which a man with proper foelings finds in anutring others for the sake of a little ansuremont. I can only excuse him on tho ground that be 13 panorant of the tian of the miss he el he as causing. In this ease tretwern If ree and four hadred pounds wruth of is the andord is nippopuar. bemase the tentints fect (temation 1 ) cared for, ani hien friends share trat tonants mike daur, for damage Tuey ner ruferred to therr laqs., and possivy tnls that are mame te nan
 A tensat may bring an action for damage by rabbits
 anmals, and c suld not be restruned, asd tue furmer

 liarles the crulj on whel sas utterly destros cd. lost ron that kro and 1 et that farmer was rejbricted
 isfen ints the fime tenanta) of the fatmace beriz
 tolerated" Fancy the posithon-restraned from wing theshs for sell defences, yet his orops destroyed, himself and fitary partly of not ertiredy ru ted, abd when





 culturist, nad for some years a game presorver. Ie took great inlerest in farming, he bod his own crope enten by mener he asw the mirohief it caused, and be esten by gemet, ho saw the mizohte it caused, and ne
 of that, I al on ec sive up wane 1 reserving " I only
 lud, and formed the same conclusion
Lent in seara.e कod the C't ture of the simesith Bret
1II a letter puthm at some weeks since in thie Times,
 barking, on land watored with isondon sewage, wheh
 rastallisablo sugar wis in tise root, but I doubted whether tho quantity of ammoniagal analte contained in the sesage would not hare renderen the extraction of
tle sugar diffecult. I feared thesame rearlt an fe have expericaced whith kuang-viz that the roots wonld I rocrase more molasses than atugar, fromitie subdifis on Guter salts lief mak neup my mind that thero was
 growth of Stugar-Bect, and the manuracture of siggar at the smallest possibla esperse. I obtatned an analy - s of the sewarer from Mir Hope, whele slowed 82 grans of







 atin when

the lerit
M I fellay, in a second letter, to whoh I shall prohably refer later, makes some obversati mis on molasees from Heetroot
amburit of eryatall sible sugar aet ally tr the Beotron Le mak erysinh wed, of sugar, the rest, 30 to to por cent, remanins in tio foris of molasees,
great slicer a mas bect obtained by some new process, b) which 90 to 27 per oatt. more orytullised sugar
do not hnow what will bovome of the Weat Inda on Beatront surzary in France heayy duties are obarged growerg to exist, I thinde the Frouch colodial sugar Cotton will replace the Cana whit not be long before the on will repace the cana in the 1 ext ludles. Now the anestion of scrage is 50 promivently betore the pablic, this discovery which Mr Catrd stganlised, of the value of sewape applied to the growth of Susar- Beet seerss to me of such utmortance that we can scatcely

 Inland Revenue in therr lath report, whach tas been prisited, slato with reforeare to the agricuitural rops and l.fe sitoch roturne,' that themr offecte aro exphsed to mustr insult arid arimotaco in collectiog kese statistas. Thes in hatdig to be mondered at, fop no read that the titae selected for pursing their joves tigationa if when the 「armers are for the most part cognged th the hay harwest, atd are " very irmtablo whop milled upon by a Coyernment of cer to leave ther ncers pat.on for the purpose of detaline to tarm the particulare of thelr holdings: Thould not the Somerset House officials be rather urrtable if in the buguest hour of the day they were end.ed from their rooms to anamer the
 tie renustatuos: is probuble that the Conimisimer are correct on Eupposing that the 'rcouts of then officers' aveskgat ons "aty scarcely be of much value."

Th'heal Culturation in East Lothan,-Tho follow ing is an abraged report of the discussion whith
 here
Mr
Mr Do yilht, Athelstaneford, therght Mr Nhirseff Le. 1 reac






 accombated tho la our of hoing He ajlarored of tho
 Fhoat was tho bost for the country Tha fine white red Wimall atiajil rang or storgais when the others wor,hil fail




Wias, tu ta onm cayo, betweer the Iatiol 3 whar and the end of
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 - 5 busus per Scotch acres. It wra krand Whats, and us to tho

 to the and of Jantary duli an ty Firietion, while jaylng a re figect, ho couldosed bimself to be a luceple of tho old aphool






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## calendar of optrations

APBIL- -Jemp mas be nown tomards the rince of the month on rich fertio land poor soils are not adapted for th Lew Hempand Finx ate now sown than formeriy, but of recont yener there bse been en inorensed breadth gronn in pienea where ibere as at marict and consumption for it if grown bler a whito com crop, the land is fatowen and manured in authen 8. Jor Carrots. Juut tim crop is not only a smotber to be shan on land ree, liring lamen it i4 thare fure generaliy mowia broacent, wish from two to threo bughala of coed per here, and lightly covered with
 Trurbipa, the land may be sullictentiy fictis to permit of its being sown an Bafloy, but grinerally the crop will pay for a liberal dese of rape-gake and superpanesphate On the Continent apeoial liquid menarean ine invariably spplied es masturing for Flax.
Burnet may bo sown no phor maleareoun ('lover-stick bils along with Chimery for shmp pasturage, where it
 fors mixture with er mis. nl qument ty of f'h mory when

Aupene sa sothery plant what may be kown this monta in peor axnly mols, alkn peaty and feny fonls Two bushels of remil are drilked in on the flat, bbout jo inches aputt, tho land beima immediately ro. ed Beforo powng tho land flould be decenty smashed it se the plant requires a thep friaties soll Such of the succeps of
 Lecerve 15 best salaptei for the rarls but dre cal, be well fatlowel und manured in autumn smashout ind end harrowed fine at thus ceasen, and then ir Thet with from 19ib to la lb of seed per acre, the dra ls not morit than 9 unches apart If the fand 18 infrateal mill Couch, st should becarefully preked both before and after monink, the growth of (rmises being very obnoxipus to the crop.
Weed Threshang - Parmers who grow theve own berd they requare Hem-nemly thresbed serd of every kind benag the beat. lirass weodi and Turnus meeds re fenorilly threshed out mbout the onmmesomentit of the momth. Rje-Rnay Jexurites to bo carclully sitted, in order ter remove tho seds of weeds, Woat fatmers

 larkn seedk are liable to be enten adto by insects, These

 (hanie of serm many take place sharsly before the of to male the ohauge if generally mide beforehand.
thko place shorily heforo pors -The tatier ger erally time pravious. This the Grags spent former some Turbip seeds ars frifuetitly ordered at the whatuer and antumanarict $t$ t tal the chage of the previnug year, to be tellivered atid poid for $n$ Warch, Abri, and Yias Tm many never gree therr redera unth, lorch, perhats when they reaure to soss, bist the mapropriety of sucks courseg need nut be pointed out to Mareh and Aprit req ure to be carefully exammed, and 1 sminil sample from tha stock arwn in a flower-met to ee how veretates inmm farmers never sow in the held a bushe. or pound of seed of ang kind, home known, exchanged, or funthared, wihhout hirut hating tricd whether il wim kryt or no. and upon the result
 fold purpone of xetting rif of an excest of vegetable
 ormorf procem is it thiler to paring and burming the oply dirertace bemp thet is thatlow plouth furcom is arrmed et nomarhfor the wien, tue Fork belar donat from 24 to 2a. cd , per cubre gard. In thas why shallom pelt invombent on nily hus been burned fown untat the Rupla bin bocome thired w.th the subsus) thus forming
 times to get rid of live soretalla iratter, as la ark

 It into a cloddy btate, mut trin, arge fort pariz In thus manmer thoo bushatar of nashes miay betrernets at a int
 nequat cropa In other preparation or tomx and aubin largo heape by means of mal or fagpons at abolat tidl culioned, lugo and fuel; wo that 100 cuble yards per acre cont aratire, to 195 st , and in retora the tacrese of the lifit orep parlycovert theowholo axpereo. W. B. A.

## Votices to Correrpondents.

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WBEELERS GRASS SEEDS.

J. C. WHEELER \& SON



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## New Plant．

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 Granir National horticulturaL




## The Gatmenerg Cluomicle．

 SATURDAY，APRIL．24， 1869.mbetivg foh the ensuing wber．

Panciren as vegetation was everywhero last year，it is naturally to bo expectect that many plants will not bloom so well this satson as generally．The atraggle for lifo with many ulpine plants wiss desperate，and thousands of them had to succumb，whilo all were moro or less injured and exhansted by abanilant flowarang：and had to be removed nt a samen when the soll was dist，anl romaned so for weoke，nay moaths，afterwarda．Artiticial watering was slmost useles－and，though it did to some exterit keep the phants alsve，the stendy，hfe－intrigoratst，firm－n－pour d．d not eome cuntal the growing senvon was prat，and hetice， though they were saverl，tlan vigorous preparation for another geason stumbing was not made．

With these fist of our own parden expernence a our mind，wo went to Belroir with the full oxpectation that sembe ralowance must be mado for the past，and that th，d．uilas the year could not ba so gay as we have bern accustomed to see it．Wers，to some extent that was tho fuct，but Mr．Ivanam＇s etock of plato is so exhanstlesg， and b．s devotson to the sping garden so well known，that it is only those who hed seen the garden under more genul cureumstances that Fould perceife any fallitg off－for failure thers is none．Among those which have suffered most may be noted the Kiales，which got crippled in the seed－berl；Aubrietias，Arabss， and Blue Pansiea，wheh，though blooming，are not so vigorous as in former years，and of course Auriculas，Primposes，end some of their delscate brotherbood，are not so strong nor blooming so profusely as wo bave seen them．Bulbs，how－ over，were in mo why depreciated．The bright Iatte Scullas and Anemones were there，dressed Mr their gaynst hyecry，if thousanils，and so lratisant
A moat important fact connected with these Latfer gay but aronewhat expensire plants has bean demonatrated by Mr．INGZAM，Lat beasan we noted that the Hyacinthe，Tolupe，and Mar duati were all potted ingigh its

 thumbs．＂＇1hy was for the wher＂A

 plants bs a lateln extes her or if ret lothe








 foll in F －So fur，however，from such luthorther－a iry Imorass＇s potted bulbe of ported fromil I［oul ud，aul if wte suy he hres thoussuds bloommig at the present time，tho flowers upon which are in every respeet as food na npor others bought in latt autumx．，we to not

 to tako then fluwes ofl derently they becono



 nig witumn an full and vigorous maturation，to
 oxt aftisotis stap
What，hathatr，as kecta it lieas il in tat

 taken ir：Noserrint，whor the gromadwork is and of thenpraty I Imtures completed in the spmos of the if lhasis fy yar．Whon vegretation has It－t is $\mid \mathrm{rj} \mathrm{h}^{-1 . t}$ hurs，the introduction of hately overgremn on the athil thina plints sutorits an


 furwigemanta of tho numerous beals，varubushy fillodi with hardy plante，wo may stall renture to mention some of those which present novel and







 Tulips－tho whin，senilet，imal blue of this arraizement forming＋stishaliz b．i．Ming
 attra the，and wutal be passid wnoticed，but aseucrate 1 mm missea，one shide of greet，of gohl，or l rowr，bische another itutu strong relict， and the effect is exceethogly plonsing
l＇erhaps the tribued or Trefoil ahaped bed on grass at buaz ar all yitrates this fact in the most
 caltfrncum，th． 4 lis is fillowed is a band，fo to
 band of Sexurragat hymundes．Welured by a 1 coait lolvo beng filled up with Aribis lumbla varesgat？ and Farieguted Anbroth，Wbiv in March and Apzal the bed reonves a central lino of inerpensive，but the efloct is quate orechanting， and rontiales thriggont the scamon，and year after year．1＇ant the inatigitall hoo of thise bed

 a bed an near perfection sa pi mol th．
Among epecinlities tray bo mintiond a novrity brought ato notree by Miso Hors of Warde L．nege，Fdinburgh．It is a spictios of IIcucheta gromitig to the height of if metice，with artr brown Acer－hike Ifayed， 80 metallic in then appearauce and eolour that tha $p$ lant minht almoxt bo mastaken for atz herbaccous ．Weer It is boing emploved by Mr，Ingkiy as $n$ buso for bmght bulbs－liyuciaths and Scillas，atid it is made use of to bring out the slyery folumo of
 int riatyel with A．mass of Doronicato carucasictum ntermixem With n criment Hencinth，offorilul
paxel suxtriga cordif la as making a fine bod，ald sctritg，Wefore hat handseliocuster8 of

wi，IF，Mar，has an tha mothe that belrorr is not Wh intu－t not onme th nothe thatical a winter
 throug the dart months，and whel．ordis ary thrulyal the dats montin，into beauty，Belroin

OXb．（f tl）jrettarest alud insit anteresting
 prement twe st wh for the ast fow weeke has


 vender them always attrootave，is an to thase who are not convergant with tho rewitht if indmas on tw is hat－history as unfoldod by Darwin and others．But among thone now or recently in lower at Kety aros some，stech at Orchis romant anl D．propicicala，which are remarkablo for the jeceutatrly delicate promrose yellow of thene bisotil a cuour not ofton been in torrestria． He hals，nad sine cally as a＂solf culons．
Mr＇Iク＇ォ as，whase himagement of the alphe tuil lictuter 12－lofirtachits of the liugal




 latio are in bloom，a d ate brought to the front ha mapection，a dressy ali，aranco may roathly lo forers there by rewoying or reglatatig the Grais，so as to do nway math any appearatice of untidiness．
The accompanying aketch has been kindly forwardod us by Mr．G．C．OXENDEX，as＂a most funthful $n r_{1} l$ exact wiy of that trhech is in iteolf it grand instance of simulative beauty．＂It repre－ spats il common South Earopean Orchid，which hotanists know as the Snipe Orahib，Ophryg acolopax，but which orr correspondent，as well he may with the eljetch beforo him，sumensts shonld recorve the name of＂Teal Orcbus＂ （ 0 querghedtils．The colowring as dewertbed by our cirrespunilent，is his fichis．Winges， l＇rench whate，heal，grees，chrek，jellow，body， orchtrous groen．With extremely ieh mark．r gis of brown velvet．Theso Orchads aro eo exces－ qively vatable 112 then complexion and fatures that，to speeik mettrphomealy，wo shoild not be much suiprisel to हce a woodcoes tranemuted to a teal，or usce wishi anu hence we feel no par halat ourprise that the above clover gketth does not correspond fully，in all partaculars，with the Ophrys scolopax figured in Moggntuge＇s ＂Cos，tributions to the I＇lore of Montone，＂arid
other work．Mr Mo ramis other woike．Mr Mo fthin a 1 ，from his st uly of the sumth luropman forms，is diaposen to follow a chas 1t．ent．on smidar to that ilaustrateal in
 porter 14 explaicing to a lady travolling wath a small managerne，and who hes to pray tariff accordingly，that＂cate ia dogy，atid rabbits Is dogs，and parrots is dogs，but the＇evo tortolso being a hinsect the e aint no charge．
Fhe correctness of tha snmernat homel fyllus tristion will be seen when it is stated that Mr M ararnge，following in tho wako of no legs distumsushed a botarnst than Lovrres himgelt puts loem，Wanps，sphars，and woodeocks ull unde


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arioe on this subjeot



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1 Bown a 50 of this yati the row montioned－ then the former row， In this cerse the crop is more earilier prowth，and the atraty is
out－0．－doors，If any of your －npondents con inform me of nny Pes －nght forward for use with，greater －Peal，bat I I grow Xiaclean＇s Littele －Caricteons，Johs Reid，Maigh H＝ $=$
primitife name of the Hawthorn tiont have boen $\frac{\text { pripitire namoorthe Gembor might haro bere }}{1}=$ Redift about，and so with trows set
Wes all the place，apd Havthorn ho


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The surface Croppins of Vime－bosderg，－Savin

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## SUTTONS

WEGROWN FARII SEEDS, SEIT AYD UNADOLTERATED csrriagl free.
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MANCAESTER MEETING, URA
 Seo Illustration at pago 385 of Oardentri' Chrancte, April 10, 1850
The bett vamiafy
18. per $\mathbf{1 b}$. Chenper per bushel. CARTER'S M PMIZE TVURNIPS and SWEDES. OARTER'S "PRIZE" MANGEL FURZEL CARTER'S FINE CLOVER SEEDS.
garter's jmperiat oreen kuif rabi, Far pertaculara of the aboze rhase stocka, Bee Cantar's Illuatrated Farmer': Caiminar for 1899.

1., 6d. per lb. ; oheaper per owt. JAMES CARTRR ARD CO.
237, 238, and 261, High Holborn, Londor, W.C.


STOCK and JYPLEMENT PHIZE SHENTN aro Now Rosty, wad with be fistranded on atpiliention to FRNRT
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The Saritultural batete.
SATURDA Y, $\triangle B A I L 24,1869$.




SoMe remarka which were incidentally made at the last monthly meeting of the Conncil of the Royal Agneultural Nocioty deserve more attention than they aro likely to attract. The Society has recontly established oxaminations for tonting the knowledge of those who mean to follow agriculture as a profestion. As yet only two hava bean held. The resulta of the first wero unatisfactory, but this was manly dio to the defuctare arrangemonts of the examuation itwo If Tho sccond has only juct terwalited, and tha report of the examiners has riot leen made. The examinations cannot possilly yet be said to have had a fair triel. It is astonishing. therufore, to read proposals for the amproprtation to other purpoes of the outucation grint an if the whole echamat wire
too raducily bad to deservo even the hittee selses, when plough, acaritior, and karrow wonld fortearanco which would heve been neoded tult the result of tho second ezamination had been atalowicerd.
Nothing can be more debeartoning than tho way in which important questioxs of the greatest miterest to the commotity are often bettled without the communty having any voice in the matter, Theren kiomizig that thoy are under conadderation. tutions. Weare scanaraco s not to havo euterprise tutions. Weare byanco contralued authonty that we rum into the other extrome, and often allow it to bo stitlew by the mertress pf private aspocintions.
Now, the logal Agricultural Society of Eingmagn, tude. and associntores, but one of natoma magnt antiol it purforms work which, in auy nt, ar cosatry, woull lim done by a branch of
 grent body of fariners, and ita leaders Bhould bo anxious not ouly to edvance farming as a bussness, but to elevate it na e profession. To disconthnue these examinations would be to fal in both
F'urming in Laglan l requires, more than any other subject of "illal natuonal importance, to to stumulated and addel by every kind of assistanco that human miteligicuev can provide Stull more obrous is it that the new piforation of farmers anght to bo mon whown tranting not orily fits there to thoroughly rmiorstand tho present pustion of thore work, lut also to extend and inprove 1 ts methods, liogond a certain point mero businnssa-like balnts do latte to sicrease prodeltan, and to mereaso production 15 to itrerease mational resourcos. The decine to tost tho knowletlgy of thos: who aro to help hereafter to food tho counitry 18 to repudiate ngr. niltural educatiou altogether, in fact to with drus it frem tho category of int llignt parsuita, asi of it were only a little in ro complex than the tuncophasticated practice of the Weast Indion nogro, who seratens tho ground ani contentedly sows a fow L'umplan sools. To givo up these examinations, is, in an age like the progont, to bo gulity of na anachronism.
Shll more inconastent is it with the other procoodlugs of the Soctety rtself, So anxious was this body when it rocently olected a Secretary and Eitutor to get a man of scientofir aiteiamemonta that it entrat omationelt the duatiblits of hat kny
 about the pructical tieeds of farmang, whute tho readers of the Journal are not to be cnconimged to tako a. lisaitatge of soientrtic teaching If tho members of the Council really succeed in carrying out their apprenently foregono con. elualons, thoy may bo congratulated on having done not a Luttie to degrade farmatg as a profeosion, avd something to impede national progress,
Ir is now the best season for soming tho SugarBont. No green crop can bo easter grown It will thriwo anywhere, and with any regimen undar Which conatoon Mangel Wurzol will flourish Thoso who know bow to gruw common Mange need no instruction in the grometh of Sugar--1boot The two may bo treated exartly alike unless in the followng particulars. Tho Dent should be somis on the that surface instead of in ridges, and The roots should not asceed an arorago Mangel. of t lbots cach. The amount of ayerar producal Woing wholly oxcluded fry dely deperdent upon it courrat the plants ate enfoun ing and of Then placed on the flat then when perched upos the crown of ndges. The seod ehould bo drillen

 upith any sunt, hat it inders a maxed sich, if nfter a crop of Whrat or it sucects whandy nfter a croin of Whrat or Rurley. Tho stulble
ellould bave been decpls bur possible in the aut andy brok farmy an early as applied at the rate of frori 10 to 15 tons nero; if rank or fresh at is better ploughed in that time; if well rottod, it may be apphied in any lack of it whem it is acaree from 2 to supply of guaso or nitrate of soda per acre may bo deeply harrowed in previous to sorming the sead be A fine tilth must be obtrined. To the seed. Itcatest surcoss, 1 refe $t$ pulvenisation is necded. net of cructis to flast to m hen h th reiforn

do tho work better. Whth a fine seed-l-e9, in at the rate of 6 or 8 bb . per acre, in good plast 15 well migh certann. Regularity of plant is the first step towards a good y eld. Sutar-Bcot wall Lear transplantitig as well as, or bottor than, aisy other greon crop. But $1 t 15$ always saffer to havo to destroy $n$ dozen plante, becuruse thay are to th ek, than to be obliged to transplant one from the crop being too thin. The Beet requires tho anual aftoution in hand thinning, cloaning,
Aucut tho maddle of August it slow ild bo oarthe 3 up right to the lenves, unless indeed tho roota olect-which they do upon some soils-to bury themselves. By the middle or end of October tho lieet crop shoud ho harrested. Tho lest impiement for taking up tho roote is a threnpronged fork, and care must bo exerchecd yot to breale them, othorw so a consulerablo amous of augar will ooze out with the sap. The yuld per aote may be safely reckoned at 20 tons. Thero is no reason in the naturo of the Sucar-Beet why the crop shouk not be nearly as herey as that of tho common Mungel. Though amaller, its aubstaneo aecms moro firnly compacted together and, bulk for bulk, ot in eortannly the hearier of the twh. Forty tons of the common Mange hive been grown fer acre, and there beems in reasor. why the s.imo high max.mani should not min with sagar kee
The surgar maker prefers the roots to ararago 41b a-p eco. Latst seran's crop only averared from a pound to a pound and a-half. The henviest crop, 21 tons per acre, was obtaned wath rnots of tho $\operatorname{lntter}$ weight. Tbey stoud apart 22 mehes by 9 , and thero was abo indant beal room anl plenty of root apace to bave doubied therr weight and sizo as they grew Thas would have mado the crop 42 tons to the acre. It thas appary that an average of 30 tris jers acro in an ordinar season geems reasomille nul moderate. 1ho cost oi production slugktly exceeds that of commoa Mangel. A fow more pounds of soed per bere, an oxtra a.howance for hoeng tho plants beck more numorous and a shilhng or two extra for harresting, the roots being
deeper in the ground-exhausts the list of extras deeper in the ground-exhausts the list of extras.
The entire cost of groming Surarrent of land, oultivation, mavuro, and harvestmb. nul allowis mon framberk for the un
 ing grack crop, has lien carefilly calculated by the latgest griswer at 91 . per uere. Alother grower makes it amount to 111 . Allowing, suy total ontlay of carting to tho factory, we reach a total outlay of $13 l$. . per nare.
The price givon for the roots $181 \%$. per ton It follows that very large profits are within roach of tho growers of Sugar-liect. If tto crop arverages 30 tons per nore, 17l. is netted by it ; if $2 \overline{3}$ tons, 127 ; and so on,
Comment upon theso figures would only woaken thar fucce. If farmers can better sich returns from other erops of course they will do so: af not, they will doubtloss turn their attention to sugar farming. And we may add faets to show that if they do so, we necd fear no doubt of roast boef. Ono Lavenham farmer dolivered 100 tons of SugarBeet to the factory, and bis took haek to h1s farm no leass than 70 tons- 67 of these were cattle food, the other a being Hoot mantro. The kitids of stond pulp are groed. $y$ y dovourod by all kitds of stock ox cept calyes. When kept covored up from the ar the pulp keeps sweet and good for months, probably yonrs. If left expesod, the preservee the mass unces, or forms a crust that preserves the mass underneath. So little water romains in the pulp that a ton of it measures about BO bushola This consists of the extire water and a portion of the sugar. minus tho biet bread. $\Delta$ fuqhel of pulpar. It 18 a gort of two of oilcake and a fer purp, with a pound ur dav, hayo been and a fow huadfuls of meal Thi daš, havo been found to fitten bullocks rap ald to. ight prore a drog on the hands of tho pulp maker At first the cattlo sniffed the surar turned up ther noso, but no sooner did it, and their hoads that they wore expectod to eat it than they did so with a will, and asked for more district--that the eupply Fagret throughout the
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 very remarkable specimena one if whath in parta cins -itho he:fer, Lady Jfatidh I was hapy i, sec farmer in this conntry. I may oongratulate that gontlemath frozn the county of Carlow, if I mistake oot-on haviag produced so sory hac an, animal, which England to thiss country Another animal was fatroduced to me, before almast unlenown to me-certainly in its geriect, orn whkn, wn to me, nlthough I bave seen Kerry breed, which $I$ venture to sey was one of the neatest and beat looking animals of that class of ita size arnmal belonging to a ledy, Miss llarrmgton I hope sbe may riaal that cistinguished breader ot storthorne Who has been already alluded to to-nıgat, Lady Pigot. Now, Thatever may be the difforezce of opinion with regard to pasturako or arable latd, fiero can bo tho questron of the kreat mportane of obta.ning the yery bast stack that can be procured for tho counsry. It in Who belongs if I maty style myself so-to a Shorthorn farmlf, to see how that stock lias tizent root in this country It scemin to lase maje a most happy crosi With the natare breed of thas on ontry, and I he ow fit
wel the value to Ireland which this Well the value to Ireland which tias stork ouglit to be,
for a fow yoars aito, when tue cattie plagae razed so for a fow ytars ajo, when the cattie plagag raged so
 fot their stoces from Ireland. I bave a cons derable number every summer, amd I Know very well that the only year my farming was nt all s.icceasidul was tho not lat it be atappoed that I got them very, lieze. Ser I remember complaning wery much to my ba liff wisen he came over that he sual suren a great deal too
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In conmection with tiat, I wo. Kd point to one or two more general ranters when that jeserve securing proper measures aga,nst the s read of contagrom among the eatlele of the ceuntry Wher we trave geon such valuable stork during the last tro days sil prevent the spreadtug of aoy contarion amone tho prevent the sprcadtug of aoy conlagion among thas belicre was the great wisdom of tho Governaneut, tills oountry had an almost complete mamunty from tha dibitessidg calam.ty But, al the same turue, it 18 well कell as tho Dublin Socely - whether there may not bo mprovements witt regsrd to the lams wheth regulate contagnous ciseazes amonn contle. In Eugland at thas ume tery cons derable niterntion 18 being paial to thas subject. The billiat 14 Lenbis ontroduced into Parlinment does not affect Ireand, bat I thank it beliores and sas whectier mproved regulations may not be mad
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 ra brechang conatry i ho Ircland, wheh exports a Irras hutuber of cattae, 1 .at they should lonk carefal y

 restrictiong 112 these matlezs. Thouzh zometimes

 cuntry wosid bo down very mach I an leapy 10 e ablo to say, frem information I Lave got, Leat there

 condikon than to mater will ile we aro in that bapery Now I w.li tourh but I rachy on anotser matter



 athrrs of sethk with. Fis is to the teath. if the 1
to investignte diseaso and to put down any conliagion that may be existime. There can be no doubt that thero are many abie veternary surgeona in this of England and Scotland ; but I think that it would be of great advantage to tids country if there were a ary apege a come veteriliary uepartment $u$ at other body establabled in this country, for there 1 to Ergland and Scotiond they may be presented froun doing so Irintraca Now, I ofien regret hait there is not inore 3.tedty and $4 r$ on bet seen shat are rommanly there were more ution between the medsal and vecer, nars bodes there would be great mutual advan science zain mmense alfantage from the knomledge and expercace of the hagier profession, but I believe that great beliefit would be derivel to tho medica
 Le Cattle I'sague Commession, that we carried out soveral expenments with rogard to Le Hiseasce of caltio. Yo had eereral distinguighed medreal rentle men on the commission, in 1, "ith their consent, we nirusted to tle oflevers of the Conabasion the extecutou of several exper merts om ammats. Mar \$ eurtag experituents were miade with regard to disinfection, with retard to mocuation 8 ith davic wes, aud with regnrd to mart, atar remedies, and I bel,ese very Dury ac coce, but alow, I bel eve, for tho treatment of
 II t be mify flace to do su-luw this could he obtanem, ome department in that line, should be formed is Irelend
Thare are ouly one or two other misiters to wich ch sinuad hake to seior. Thae show was not oiny occupled There was a poultry show, 10 wheli Mr 11 ada hic glladed, and uncte was also an 1mptement show Wrth regard to the peultry show I was much interested in the remarks witich he made. It sinteresting to koow that the ponitre are so usefulan element an the buse nees of the I behere tiat the number of poulte bas very largely merensed of ate years. If think it has nearly doubled
 within tie last 10 jears the number of poulter in this Cowntry atuount to nver 10 mations of mozes. Tha portant liratuly if the werith of this country I not ce tuat in the report thes aro all ratued at from a

 poultry of kreat
too mir
ploments








 Promers to get the best "twols for their work, It noticod ta-day what $I$ conceive to bo an important mohine for dealimg with Finx, who of this coantre. I important branch of tho arricuthro or thas coatry,
 the pulsilingy of thome cmp nyed in dea nis wh Fias



 thorefore with peeat intereat that fonticer the machane wholl [refer to millo yarid to-day.

## ARTIFICILL WADPING

TIIE use of water as the carrner of fertilising matter is not confined to sowage ferming: every casse of warping lan
The artilictal practue of warping land, although sumilar in princaple, ditera indeed from the batural in many respects The former has a rery general appliAecordury to tho artiticial methoul, cliy may be mure According to tho artinc.at method dis hay be mised solls (raslik, of any calcareous earth taay 60 popinded and mixed with the clay, or maxed slone in the water silutind elluviar lapmert phor province in the kingdom, and perbays there are not provinee in the kingem, and perbags there are not out with ad mantige.
The pruetiog is similar in many of its details to the
 down in the water, and by means of a small current are cartied into the enclogure, where the musture in deposted, and whence the clean water a decanted olf deposited, and whence the elcan water as decanted off places Iorge fie, ds of land might bo smularly warped, alan by grayitation.

The expense at whack tho work can be dono both

 alther trith the outlay was greater than would genenily we the ${ }^{\text {gase }}$ yet tho peaty solls
arlutic ally warped, wo wero told, when on the fround, aro paying remurgerating intereat and learrog tonal example, the carth dri* hop for warpenz beige bomewhat bimbar to the s.to of tha nat ral system,
 and of warpiog pror moorland and sandy syils, by alronds torsturntily data for determin ng whether the praotice is likely to pas, and the profits in sych ense are amply mafliciont to warrant a conclusion in favoi of anes warping is proposed, or in a vast number the work could be more effectunlly on obzeration by thetatear praction An inimense tres of the bogs of Iormor wan we warped with oliny We have or reland might also be sandy gmyeliy aud ala ky solls where there areas or combed or eis and water in the where tha whath tra water woula liave stonk, trus leny ng the clay matred in the stgpe
The pump ne apyatiza req. Fed woud be of the ommon sind ghiss it lwe in Pactimg water out of clay, chale and bacaret ad of breaklag down the twe maniag of then thith the water, tou she depent upon tha nature of the material Mast earll. s goon dissolve in water, and if fu., of suasll stones theae coula readily be sercened out and separated from the flund of the espo trouls ded he pipes ta che rancs. The size heleht the watur has to upon the stearm-porver, the prilinety cues a whero large works or for pied pipe thoutd sufties, but treland sio corme Irelandarn concerned, and grear quantuties of water tance, tivice we abowe stze murtiod a considerable dis.
Fion lismothet cal stamples be used.
prackical illustration-(1) warping by grapitation, (2)
 man at ne 3 wartine by steam or water-power, to be al owed by liqud manuring by neanz of a sepamate
nory, the warpur apharatus ho be nowathe
warpury peat bug by water
There are tho ssands of acres of poor moorland
 monintan at do the das or nother sarp.ng materiat, so
 fire, betwient that plan and then now in use for irfigy areakine and mising the clay at the olay pit, and for an! !e al lan st af water-rung for distribut.on s.malar in construction to what worg and arostll used in arrigat, wh men lows. antleren marping (for ware has hean applited ntti ifny kofore now) woud be reh ared for sirendTho hengtr wo al ro letermine tho tho natiaber of tin lis emploged ono aetwo warper wull apply a preat ninay tons of o sf in a lusteria, would be broken down and mixed in the mater by the foree of the flow ing oarrent, and siny stones conld be screcnel out by this process. The qupstion of expense. therefure, mat be put thus. What would it cost to d g and whee! ablue yarl of clay 3 nto tha strearu i A Ad 3 general ho answer wonld represernt a miere fraction of the expesto of applying alay by carturg sipreading and crated wial the soll dy the wenther.
3 By far the greatext aror of lated that noull be nermanembly mprosel by artfirial wipiong wat rean recit cr water or beam-pwer 1 litge extent naturaly rych, but the greater breadtly whome a and that fal, upon them, and eat all hio nadur wen them, without 5 . ching any edequale roturn in harvest. Theyaremt ier natiaral.y or net. ficta. Iy dra.ned and as the grathe object in wiew requ res the warp, what ver may bo tts nalure, to be thorouxtly 1 necarporated with the staple, it fillows that, in the process of to maser man filterell through the son, by dra.nage In other word, if would nut be necessary to ralso embankments, so as to retain the water in a stawtan of deposit in the surface, as in warping peat-bng, In order, therefore, the better to tncorporate the clay with the statle, the latter sho whid be purhed deep, and smashied up across so as to loave 1 b as open as possiblo, and capable of holding a 日ullicient appheat.on elec to shory that in thes way, with s commend of water olay cani be applied at a froction of the expense it is now benog done by carting end manual fabour, and at the same time more effectially $\mathrm{S}_{\mathrm{o}}$ that, according to the old proverb, "Lay clay on sand, and you bly land," large estates woutd thas bo boo mist asd added to the supericies of the country If tile 1sonny

1 aectiof question ta tu sone of ex pense, nat as almost be whole of the plant would afterifards be remplared or liquid manuring the practical solution of the ouble problem revolyes utself into the old story of f fact fesf projects of the present alay tiat pussessa salf the prom se or whelh hase equal clam uprin the tention of the agricultural publio.
13) The third propmition is snmewhat similar to he second, tho ohie dilierence being that it assume are large tructs of lind that would pay for oinyzos; but the clay best adapter for warpiog, and the wate refured are at too great aistan o pay for aplitenhas on a small scall. Bure tho work whl pay, had ofners and dieir lenank must jom so as fo metudo 1 one conkract whal whe laying down an ase of plpes of Ethetable damessans for fimbinn; tita When ond contrict is coneltwled, the plut athel it enpupe and numplig apparstus, wou ol uo rempyelt anotber. liut upon eavin farm thero would rem un the pipes and hydrants requared for aquid manure irr gathon 'pon each farm tho work of wurg ng or " aying Tound botmilar to that or tare cecan! pxate phe a read dearribel, so that the tetrant would have no moro to do bat ecres on his hosa to tie hyerant, ns koors as tho ind was in a fit stato to receive siqu If inanare from the homestead. at the homestear the higuld manure Hould geteraing hase to bo ratsed fram the tank by futnping appimas, but to ands iying at a lower letr it may be taken from the tank by a syphon, ind tue on expense of qteam.
The greater oxtent of our fenland may be noclu lect
 of peat in the United Kiogdom cannet reclamed. In thas rave a new sol! has to be formed s.malar tor so that the process of arlifical warpiny 1 contros to natarel one, wita the excoption of the mas be laid down thy in arampors as a rue car bo thoroukbly dramed, either it the battom 0 to a deplit of feel, then the prasuttoc of warpient tovis fat under ether the second or thard promition 13 as then the drainage cannot be thus ellocted so ne to remome the water and permit the incorporation of the with the staple, thes the ground to bo wared miri so surrounged with a low embankment uper the top of whict the warp would be discharged from tho wo vesance pipes, ent when the ares thus inctoed so fill the water would be draisn off no soon na the warp had ubbsted.
The sma.l spote of green sward which here and theo


ON DEEP CCHTTA

Mr. Geoige liupr, ol Fentos Ban the commarat ye insumberses anit larime poner with reframene
sslems of steant cilluvation mo tishl to state to yout, as clearis a my own practical oxperiende in that will leare you to draw yaur own inf facts that I proposo to loy bafore for. $1863_{1}$ I obtained from the Mesite IIoman sot of thear sleam caltistatiof uppartut Claston asd Shutilew weth of L tr



 phan of breakasea. whelo the juant
 brohen for the road, hase meas?rm, aho sarils, JIowower, Futser prodidd, and conselnenlly lnas mori mith being heavior 10 drangit, Nian Howsh only suatable for land tlint bas beo phaghed or sharred. lignob, from to Howardss, and ns they owj rim sorl, tho deptin if mord easis readis wheel maras aro lict on tho starred astio $t$ ast low bacon ploary 104 to the aem wo ter grabyer can depper, withot ant on the carine ar rope, whle ] [oward's, had, on cu trator, duriag whech I plousted guit of clones, or netrly so, I lopent 1 was right in hasing the soil so shatime
 balatice-plougla, whels, bempers prouzuar

 1p the sof a din has vartalns serary h
 after harvest, the goll does not ru when plougliel enr, It also exper possiblo surfaco to tor destroy grasees or an efectul mumner as close and does. Unless tho steam marom on land that hins beer but, of sea
horses walking over, but

 When pructised early in autamabt on stubs
 erols incles is the row bbed anatul of lad 1 plowhind ali a grisbbed anacis




 res. It. as on a sifasre íe
acres plouglied monediately
 in the short winter days of reduced. In the general arer 26-acre field of Fary stif ein, required depth
gix and athalf day
hate alao mrablad since lartost
time taken, 1 nchinding two and
changes, bein altorelier Itera domanabd the averake smont
dimanahod thenveram for

##   Is the dapitent I ant confue lase



## 

yuf harmithit it, is

## 

 axise mper al aerce, gnd the cost is thus se old per mere. It wilt bo observer that tho sork done is The of hones constantly cmplosed larouglout the Far I hase pot away two nalrs of liorses, hey no now der pur in plano of eleven, ard I neser feel the wat
 apromani periods of seelt me in antumn and antio


 aultisated to a wist, and every croy also hats beeo pra . י33 men kans to be lecumary point of viev. cases the crons, ramders the a furrow, corn ase adds not a attle to the beat ty of a farm The the $r$ omn olier systems of steam cultivation ds triff tome indabet mide I lavo nulonted, comanis $\pi$ tirctian any of the ot ores; aud, secend $y$, ietene newiser headlands, and neser poacles them
 was or spot wLere firat placed.

## TLI FATTENING OF STOCK

$W_{\text {I }}$ tlaughter anoually in Iraland nbout half a
 manern and landed gentry of Treland. It ta well known,



 mozon whr Fools thatn that of Fangland wo better aported stona d net bumber of the stotened an Ireand cattle now Where mantry the the firmer and the gross produce ontaped would leare the land in betler conderanure maps, and the antourling cless roondition for
 yopple folorenty sjstem of stay It must be adtaitted
 catio a sometimes so dear as to render it
 Scotand who ratten nareat hany of onr Ir.


Before a farmer ematathy in stat-leed ins, be winnl
 w, ll produce On lim 1 fars alapted for root crop
cult sat on, roots con be ra sed at ibont 7 so a ton
Noos, the results of vectal exparment- ecolu ted

 fattening of eatied rupe tel if nto two great $C$ -graz of and st lif (a+itg pract ved prumerphlis wo what, by was of dist net.on

 Ihout one-thard of the mumber, or one besst 10 evers acres, is piat ou in October, and the rema.ader May, when the Grasa is pretty strong. The ammal are scnt to market as they become mpo. By stockin first-class land less closels, it often fattens tro bets 20 theypar Sonegraz cres sive cake, a troughtio ou tho

 pries of beef, and the improvonaent which is (ffected vory well. The everape inorese in waight of prazed astitle varies very muof. Good 2 -year-alds and 3-year olds increaso nt the rate of 2 o. live we gnt) da.ly Fe beseve it is altagable by shal io breeding and


 section two unls, sectan one is ready for irime section threo recenes the eess forward beasts or dar stock and atore cattle and gizeep may cooupy it fourth section. The nnmals are regularly shifled from one divisson to anotber Thus, when the stook
is transferred to No. 3 , the former as cleared nud closen up till tis ready for the most formard beasts, and so 0 of the other disizons. It 15 worthy of remere 1 hat as futtening ammais approsch ripeness, thes rectu ro bet ter bees, wheh in the case of grazme cattle, means ruore susculent padiure Grazing catto also requres
plentiful supply of water, It is fonnd benefigal to place rook-salt within thear reach, so that thay may hole it 'Tue passages leadiog frood tolit to feld slonual be kept elom, to rese theare of tho fect, What
keeps lup irratatula and was food
Most firmers wanso hol linge are larga an wh.0
 Hinter ardspring Tue systelat ino allmals to be faticned ato willadraw from Grass and placed under shelter at the appranch of winter lrasd tonamiacmers generaly do tars la stalls, which anstioc exceedingly moll for tho purpaze The house should be warm, but not oloso, there should be good yentilalion, but no drafts of $\mathrm{n} Y$ The ammals shoult be kept at ranet ns losisble in the stalla, becalse every movement of the hman, as well as eser excitement nod ir pration, causes a mazto of the anuma tesule, wheli 14 pquiva ent to a raste of hol poo retard the fatlemang process. The stalle should, therefore, be dark rather tasa I ghtsome. For aboat 10 days after calto are pat up to fatton the shoul 1 pot aptriluraps, whrm prepare tom striotest reknarity slopul: be obserped in the hours of feeding, and the beactis should be kert clean $\pi^{2}$ id $r \rightarrow$ onfortable al, throush.
and we hase no rivibt th a exira trouble niss remath ably well, as it promotes trie lerathis art, int of the surn
The house, as alren ly olnerres, stonat te narm, bot riot so ulose as to callo shal a so bo miad to the wung wrinet slow, be ne ther too walery nor too laris A first the soft Turneps benerally scour them,
allowed to go too far tha brings about a healtme action of the entire system, and by protiding dry fod fer the cxorements are soon restored to their prol e consastence The mimase may nom recerse more fatuening food, the k cita ind nantithes of when vary withis the alzo of the hameta and the vious on to st Il re eattle aro roofs, straw, atd hay, willi orleahe or entrs

 wumber), conk the rope It is tho general optnion, numberl, that the rons not pas The olmontes of the stems siy tho antmals can disext therr foot wit ex sternion (whitch mencar s less waste of tissue) when it exolsed for tien lloots are, bowerer, easiay digentrl, the peaticntion of the raw ronts 15 requred for tre proper action of the stomics Tho prevent chokiar, the roots snould be cut into sl ge not exeeeding an moth a theckness Sotac, agarn, reduco t 10 roots to nire is ofen alowed to cnilerio a shagit fermentition before it is used. The pulping maohine appears to be gery i sble when the fartner white li s catto in cousune and
 pulper roote wha a chaif-cutt.0ig machase, and allowng the mixturo to
 oows, but not equilly valuable for faltening beasta. The
 degree of fermentation
for cutting up striw aws or cutting upstrim and lue he of tue cha T-culler catel An,mals am asinndate cul warmi y adro-

 and ce our farm an mals to are cat $1 \mathrm{~m}^{+} 0$ chant, and 80 goor bad hay. The obaftecettor has syocial adid bidew nor bad hay. The obaf-cutter has syocial adruatigen,
 the feeding sa ho of the straw is w rextiy lucreased by
 upon tho Turnpls. We liave fo ins the Iather pian to auswer yery we, Soule pe pinua, t thastram or bas

 constructed for the dyarpoie fue farmier wio feeds torses and catt o on onds should lave an mat-cruzhor
to lat worked by hand on smal, an! moderato mzed farms, and by water or steatu ponfer on large holdiags.
 With roots end good Oat-straw) prodicad at least 12 lb . of beef and tallow. If garen to ill-shaped and badyreare I cettle it worll not produre thas. Stall- red

 eachs feed If fal offeser they are d sturbod ingre than is dearable. Tho danat an, whit are the semper quan-

 older as they car eat. Thas xystem often esuces waike and as\% Froms 8 th 10 atonm of $r$ rota in the dsy, be given, toxtiler wiftis gon atran or lisy, ant some ground corn or cake. For the arat 10 dayse or a fortLight - that $1 z$ whate the rtumsle are on soft Turaipsno artigasal food 18 neederi, bit when put on Swedish a g to cach, and the a lowanco may ba tucressed to 116 na tho periol advances Pracheal Agrisn/ture, for he ('se of Agrentlurgl Classea in Primary Senools.

GERM 1
A vere elaborate and unteresting report on the inttroduction aud gresent conditfan of the manuracture been furnished to tho Forarg. Ofice by Her Majesty's geer retary of Tregation at Iupich.
The repert opens writh a history of the introduotion of the Boct as as sugar producer, a brise sketch of whech
 branult of brach of the guestion to pmesent to cur raciders some of tho principal points of interest culted from the

Entil about the gear 183\%, colonial or cane sugar alone was consimed in the Zriveram, So bugar refinercos then existed througtiout the rarous States of the 1
the usc at the oresent thme litite elso bet the former is used, anfactioners and distullers of lıqueurs being almost the only classes for whom it is imported. Beetroot from tho thare of it in introduction has bem snhyect to var oas
 ounber of 2 is manupactores, wh il wife th operation folawing years 10 slit , but in the year 18.jot the num-

ere lins tieen a pirn mess of in'rease jear by year.
 perfection has it nom been brought that il 10 sil it a perrod when the duty was first imposed the asreite suet pesa only caloralated to be at the rato
 produre, at the precent dus it at (n-7itaty of raty atikar Pros abmet 1 or $11 \%$ sere $n$ cot if tre raot Fine




## ronsidulne of

san lunder offarent tragt grown ils
 cranled durng particular seasons. in furtemburg and Badlan, the system bas been ontrodite i af subyent-
 In IBararia. between tLo be?ra 19, ard Iging, the Beetroot sugar iminu actrom one cauve or an other it has netrer farrly taken ruit in thas eountry, the cher
 numerous casat th ucpart from the routrne ejptem of crops, as gellerally adioptect in lavaria, atd to enies upon tho cultivation of Bectroct on an extonsive eraler. mithout, perlang, any resy seckre fubantee of the st teess of the sugar manuractories, atid, consequentiy, system of husbandry.
The report goes on to say "In several provances of


## Whtit cmaczpondentr.

Triptres Zall Farni - Wheatr Inckur worl, twe two





 Italion liso-grasis, erendd Yart, randy to moupy for out





 han Thoo haro harter at whrrett's horse thoo and the nf ilo land woutd permit. Eteen ner drimencil beavs prorly farmed elasy nte ratlet mater-lnatraioed nn] crons compare mimet frempats whin tho e on si,ctl

 Monlding-up Mangel Warzel,-1 inve intcrested in tho lis warzel, - In lave neen nut




 of tho erope The artsarn'are of a roduce the wrine hathouk injuring the planta, mand, thus, that the may ho drawa nWhy from tho young plats, that the a kripily of pirat is thrawn more on 1ts tip-roat i - in rent


 to the moderate in reise of save arinio juice in a cro of d mimselied quamits Un stronp juse in a crof
 plant is not so marked, andeed in fom the yout.
 of eartla from roots or ridges is an alme drawing amay consequenco of hose and hand hoemg mos unaroidable comatinces, and therg is as greateng incranse of grovth consequent on the cultivation an to justify it, robojth standing the pmonnction of a smallar peroytuge of Buan

## Foreign Correspondezce.

Chant --On Producomg Therates and Brests


 th cont.nidtion wh on the ph, entarsemert ort it ree. inesty can int orly to mode certam, be


 ut cotanol tae crizna, tye, id trici bat kaz. Ito tee oll stmen, an. secetals s=e on the $\because$


 and the trusthon is Rat hacester lroon tho cl thens
 put thoos back with the Dorking cock, and from theur



 arrespond.ng colown =h 12.1 bo used on the cros. himphanslbia
lilg rawsa of tha sa cya to be seen IP you lrees! any mie anmand whe she the the constant passage of
 onther, atal thio clic it thn seen in several of titc

 rarctis forlh as a fecu liated unat, independent of the notioer altozoticer wine one srparrated from the Mirntr ticubatoo the nite of the epg 1a mado to ger"scsill progrese nud wors on esch otwer, unthl an
 Le liatural mode. Deraseren lurat the periond th then.Dp of ono est of orat as or one clutele of eggs, as G.cs are called, was be vis. .cd by diferent males, you masy rivo at ir co loorking a a a hall bred Bralma proof tae lien, the first whith of tho ono batch of epps ho or ary to be mpreanted may be end iargo in he orary to be impregnated mayy be, and often are,
true j)orkings. ti a week or a forknatis


\section*{Farmers' Clabs.

## cianencertab

## cianencertab

Proficsor, ${ }^{2}$ rwhison on Farm Tennures - At
 - 1 .

## 


Ho sald -In notroducing thas stabjeot, Ido pot propose
oktro eramples Lulustrative of the adarantage of the
mintion Iraviv venturel to support, I bave a dopted ecind, becauso I vaink my cosse is bitoll upoit pritiLiples muth isolntad examples cannet imy uin, and that must eventually Irevall The late Yr Baiker, of Thite esp, sals lis prefa-o to " Bayldori's liant and T-Tus incras -





 at nppla able to tho jresent twome, when thicrus is


Lindidill gud Tenaze Agriculture Is

 hur fathers could havo mmarined. Is toyon $a$ noyth 1 m ompedimonts should the thrown in her way triat elfectual y clack her progress?





 impiritamontry, ovary rata troulid ho mot, and unotve tho




 bo foand. Lamd nrds migy bost of the e phay



 a tornd of y thrie lis Ruti





|  <br>  Lun 2luris, sis s! entar ted Lay |
| :---: |
|  |  |
|  |  |



## TVI4. 10:



In his excllent pap



 may ander, sporting lat ton strusger, Vio also will maintajin our jandi-




## 


$\rightarrow$

 -redrim fifoce and thatilituratition of the


 3 probsbility of gaining our point?

A Arent donl rests wilh tho tenanf.

 $\rightarrow$ ondany under soitaln Nroemmonts;


Conclunom.-I muat now draw these romaric to a close. It may be objected to many of tho augrestond
I have made iliat they would fail ju prectice for tha reason-that farmers are nof yot to be trusted with leases cuabling them to farm without restriction es to cropping, or tho sale of certain crops off the premises
that if farmors wore on advanced in the knowledge of their own true intereste in their town breilbren, they mught be allowed freedom, but not, 10 thotr phesent
state of litomledga. In stort, that the remarise in this paper may at a future time beoome practioal, but that at presont thoy are unpractical. To such objeotion I answer thet I believe in frea discussion, and the beneft of healthy agtation. I believo the time for frar that tho questan bat comed and I have tro too sudidmly emancipated from their preasent
position. 13 ut let any noblo landlord resolve to let his farras on the brond princepleas which I have
 is with rospect to character, skill, and capita, It part of the landords es to the genend rum of temant innd this retmark 19 erspeciasily applauable in distriots where poor or st. (TT sonls and sruall oectapatrons held by
 aranting liberal leases. Nothing more than this on how the importanen af making his barguin wuth the londlord, bas to contend not only with a mant who is in possession, and in a position almoat to make hia own torma but generilly address. If farmers dieparige learniog, and science, and books, ns a meang of absolutely increasink thelr profite in farmiag business, they must at least ailow that if their ond solioitors with whom they have to cope the social and business relations would be amazingly alered in a very short period of tume.

## IOTJEF $\triangle$ ND BOUTE HANTB.

Farm Puddings-At a late meeting of this clab the kubpent for disconsion wat " What reatringement and modification of farm buudings, cotazes, sti is farming ? ${ }^{\text {n }}$ And the followiag ts the opening paper by Mr. Bldexdele.
In taking a drive of only a fom miles in almat apy county in Eogland we must notice the deplarable state of many of the homesteads, atd this curcumubject on our cari]. I therefore proceed to mintronure to jour nol.ee-first, a rian of furn buld a nge desianent for the purpose of bearg fire-proof and lease this mectigg to delermine how tar ith preference to thove in the ourdianty may, composed of and bult in part. wrth $2 n$ fiammable mater ats.



 secommmithent, aterd you will notios that it is quito sepantiod





y









Outlying Buitdixgs. - There in ane feasure is respect of buildings which I thirl doserves especis streation, Fiz., that rather than erect large misetes of buld inke or a large farm it mould be preferahle to erect tesser ones
on putying land, and I have here some plan when I thunk well adapted for the purpore.
Maving soon on soma tame it rifin lavt nimarser neremal out.
 the ventre and atthough tho shedd wure grod and contly thert tond mise foed a
 pan bo arocted at a much shoppor wite than sny hotwoth to dirmatago of tlirving niokk, und manult wrll tmade and peot




 of, for alueiter in biad whether mais from it. Hectes it the at il divison wbore two puturan. In is fer that the catho muy lane socosa whllat foers 1 a 1 inh m madom
 soon, to hold eartb or anhes tor the pruspone of nbworlitig and prosorvigg tbo entile utro, ete : wind for both dalyy cown and

 aliown ot incroant of diteninvetlon, ncoording to in wita it the is utmper then regurrod, ond for hay of straw in the


 allo a root and bay houma, whold 1 dewayd for our woo. procd
 Cnds) to be uasd bots in summat and winter for anstiting cerving the manduro by accistoulation, an in the box nyntero, for


Remarrangoment of Beldugge-Another branch of the rubjeot relates to tho re-wrangement of buthdings, and the convaktion of barpif and othor buildingat anto intended.
Thin, however, I can krurecly cephaln asia whe to execpt that hasva recently domigro
$y_{n=0}$ Haxno, $\mathbb{R}$, catele boxes of tho beat firac rif tou, sad in nus own onto liate



 fooding path, ba Cortainly, not tho laatt swiphtant branch bent kitid of cotingen ruitablo for furn lebourens, and to abow tbelr ndrattepos. 1 thick
 An 1 he truited the membera would ob the adventare ho ho obdenvoursd to nluow would be obtinod by burlag improved farm buddlispe. Io moed not pofint out to thom the gent frime buildings to abow the motmone sums of m + $\xi$ which were axpeaded somo 20 or 30 years ago in constractiak thom beotland, where thicy cothi go tor many milas withott sectiog thern a dront deal of experse bs their bavius to onfy eraythir ir to the hecosested and be mint sus that nomo of the


 prdor to zepp jare
made [o agretult ure
The plan were then spread out on a table, whers ar. Buden boly explanne thenm in detat, ond anombers in reply to Arr T parner, he said that he had not provided for a smath's shop, Es at wiss only oar bentlomen own property that thes werm gemerilly erected. I[ one was wauttid, it rould easily be zaserted in the plan without desiringing tie wints fre the atility of the buiding Tije tire proof bu aing wouli bo construoted of pron bir $k$, sud wask throrthoo it and Whale he gavainght and sir, thic burit ass woud be so
phoed of the sun. The ystem of tramway wh owery

Anvent unnmeceary With taid ata ir, then mula
 R20)

## 3ebicws.


 1.0n1-7





 mate referion to "ink, tiske ut the pract at part aronducet, The lut is fo d latantal and



 locted in winch s worm in the county at ans part cular period. Therr number, on compaztwon with tho other breeds, is thertfore a miatur of conjeoture. Five and treatr Thertion nut, fiatlowsya ween tho tiniversal hreed, with
 ant aftes the rtarers hose iten the lordor yove ovory arab armor, nim-t ul. It excertion, iti at




 1het if we apee fy it wa winver peathat of ta othin a



 tbere were anly 1111 . till maw in fre entety in

 he of ded on that I bat, fire the (sablowas are lita mosho

the mulal ine expreation to and lainent that the the migh gwo er fir ing Gailowasa should ho the plented to wo large on extent by the less fomline ate pranco lo mol ut na a 'repmeter he reate inntented wath aimply


Comarri, it Remens in in the A.re abled Anet 1 wh 4,1 then
Tho var to consalar lefants frem Tatkeg give an onlerestimg account of the narioulture of Turkey, such eountry, flat hat sorna better days. Themomenolnture of the localities an. placest in th a conntry to great exnfused. The morimes of Bardad includes an thent Mesoprotamin nort a mod eat heside Norta Noria nocludpg tho cosintry sontal i" tas Taures chani of
 that itie to tho conlines of arabia all 14 berning sand or nearly so, and requires no agricultural description Anatolns aud . Asia hinor, Kurdítan, Armenis, and l'rebizond ocetrpy the wato of tue northern portion of Turteg, worth of Syria, and between the Aggean ses on the west and the Peraian domintons on the enat
 showe the want if empsontieal frem the compion pods are vententel ind those famous caravan Entes wh.eh comnerted the Frmit towns of the are athen allowed to zurease to suoh deriy lobelists Lestroy the crops. they rail be kept down by dill
 mhencato the lagt root and joint of "Couch, "what can Goxpected of a laze Trirk? Cozecrted agtion and Goveraman hitp are requatred, but siog meanures kiken pioust plowis amored holy watar to sprinkled, from the


 destrols, inc udzag the toity platerut of Kurdistin as pentre, and thenco southmards to the planis of Morthwarle to poithoma, and northwarme to the Blark Rea irrimation is nuaderate, and agre ulture ta : on The cl mate
 afterwards water the southem rlans a srot of unThapled meliness in this il vigin of Turkeg is the Aleppo. Four vigets fow throush it, Fraronmand unito ind form the Fuphrates.
The gencral arerage of Parms in Kharput employ 12 oren and 20 soutis, among whom are cigkt able
 trande to the memer lahorir ref ared to till to col ent the larrest, an? nther madental tr eth the col ent farmian pureved is to divide the farm into four equal

 The landland provides reads and constructs the rude

 ar scrameat that, is shared efully belsees tate two
 1 s-relt wranse extht teat


## 



 the women luritif the leasare holars an sthamacr, 1 ato

 ro by townspeople and Kime a, from th e wnas tiley I, in and dyent liome. In thas nianien of ls ad. aro With thes they purchase in faw ir, a total of $2 \psi$ is lid With thas they purclase a firw Lr, rahe ta for tha wo den
 mith tliread, butter, butter-milk and cheeso. They mately tonch fresh meat, contonturg thengolies with burghue (huiled corn), made into plazu wath butter milk breai, egys, frult, and vegetables, In autuma a soupla or three blreop are killed, and their flesh macie into bustoorms, whioh gives a relish to their minter frre Altogether thoy are well off, more comfortabla than in ang other Turktith provinces I have goed, or thnt the simmandeas il larroja.
Trie Iris revolls of the $h$ iarbut propineo are pery
 IITlifa, Gall-rut., gun-trutararth, and shoemakor's Glue (cot) at Pa or bear fharpit, madder roots and

 Erectorem \& wes, an l) arbekis $\Gamma$ a Mulborry


 farourite delarey in the northern provimees
This neighbourbood of Mos.al and betwoen Mosti? and Bagadad appeary to be an efurily fertile tract,

 and fertyle plams 1arcush whwh the Mirlo gal Fiuf hrates ilow, lind a matural outhet hy the not. ation
 of thaserabincates, fals into the gatif, bolon the prort To rotarit
axemtional distrat + the phat is to some extent an demand for produce in Diarbelen of the soil, and itio tomas has enabled an indastrious some other populot:
 Fanderng tribes that ses the curse of ather of tho the cotrgiry oprung up; the lsbovriag Chmatian colony lins Christim, they tave acriared property the the lard, at fact they monopolase all employ nent and opcunalion rcillurine talest The od T +rkis aladoecupation

 pathy and ideners, would in time bo at in grea by thanc adtre comatmetitot the boukht up fiphts and triwileges The lat oysteta of farman thit Ta opon up tionatoneit heme.
mis hily is headed from lic best partio of eastern Tarker Wedtermented rotn axandretia the mort on the


 Bututuer, and yet the sum of sooni to drain the over ruthor that ares leaves all in fate, amd daes charnetor cert himacel or take tho least trouba A ar amerat port then of hapathy. Treblzond an aneicat port on tho Black Siea, is tho emorizond Huars, Wath Erows in that part of murk Hundred of baies are atways in store ready forespor

##  appears to be on the beale of that : Iatenl t1 earisl narimalial  Where ut cxtallane a ic.an ir an $\Rightarrow$  atrellla that 「等 ir on 15 13  <br>  men of Lua bicas w. 0 a they Lavy <br> belore us, even in relataion to : wealth of Iurhey - ? contry, onre the the fery mates mitie ir at the wers sates of the dr $n$ :. Anto the depthe of batbarism. Jithes somo pretext Jor the three R century. The natious seme trationt the soil may yet be rechained, for races whs dwell on it

Farm Memoranda,

 Grase, Turbips, and Folehes et of Febranrs, ly at rin
weather, aras the mat




 thas workell freel? an ] Onta an+ ase come up we, that it it aco of it


## rrousid, but 1 ge bla le

 tillers wela tiera $\rightarrow$ bear other (cripas, arled over and ligs beris a stad T"E at coming info markat rlatot. is $s$, but the at all inltve, trsile, lownser may git the wather gets warmer majntaios its price; of eceroms rate amd lower prices have to ar wat to overcoma it soon, $Q$. $N$.

## 


 drmantit of the pasa zen -mi as

 conserucust + the extent to WL h h h yorr las alfected me.



 as to the ats introing ar sedun and tife oll labourer
 of the cay-lari, next, the row from

 lateter $\mathrm{P}^{3}$ bis nd a retone and alifr I etche=, bit b


 of the JRnya! Agr (thit. T3 Alacet of enves laid int resic Wheat trums about - - , arters a oum in lluence of dram barat rely easy tn
consamed whu
feedlag of shean and my Cracho to arovine Rape and exrly Tardh

October Turnaps and Smedes bonrre th. Curistlosas, and this till the the sheds, 18 nebess to - by decrees as it becomto dung This serves a double on foet of the sbeep, and making Lat me sos, luaneier, int it 1 a $I$ bure on 1 frequentls winler topt on straw burnt soll, and nerer Hil thut is required to guar 1 aza nst be lituared daily, bet omanure is so trading that no fermentation goos of for tot in yards is nyoided. Nuere

in eddition to this farm, all so raxes, and wanny usud for disirs - ctale: Polding orar duriog thaich has -r chas, the portion of land which the provious
 $\rightarrow$ inmed to suo, but that food-gupply ort they are emplojed has farm.
$=\quad$... hatif of which ta brokorn up


 of fulform

## thom, to be ready the ef


paten of maty by ewes
then to to calkin off in August and laft
$\rightarrow$ the fillow puapter provides a suboedsion trith the mixed secds and an ocensional frequent change to a grass field (for the
Hitilo more than provide hay and and youn man provide hay and an ard foung patile), carries tho erte moto to \#inter tho lambs. The wotho at the ond of April or early in May
antiall Septomber. This process his
$\therefore$-proept $1861-$ for several yeara at from the order in which your \% out the subject of cropping for carrying my sheep through
end for the first time since I have If fild inlended for about ? acre.

- rt, , sthy wh to an mecont erab
ons, A manuring of 30 loods per acra of 1807, coupled with a rather deep tery mald winter, brought op That searifying onlg, provious ou with Bmite's steam dulti : itbecn miloughed, in order to get at itren hionghed, is orier to ge Mr siln thatly got rid nithat croyl o nt inf es in th Turn pes, Lut to no
, eat arls an, whech lios in the
Twent Turups anid Rapo also fatiod 31 toumd myself wht upwards of has and thothing for them but 5 soree Marsels


## Tbe 3loultty Fario.

name liacs at ack to us astar of shoptrath have called as a mention IIe
 it relatnis to t. Mon enpapad 10 te then qet rway a few miles into and del ant almost anknown in is v 2 r nis to observe how those naw it in reut and true sock heys, theabout cablio and tmplements, many, bowever painful and reack them, and it is ful may "t the wheh impan sess lint we remark the $t$ must uenote prosers frathered portion of our
Wa. ise lieen gecustopand for yesra reprortio in which from time to time Livurag thet paszela one to mon
umber of them, Now that half a
leader has been derotad to them, jubilant may be our fowle ard ducks. The calculaton as to the
fow on ats native cabin floor in Irbladd, ith
$\qquad$ kithen, canmot farl to recal to miud the pros
Mr John Jopes Tibbis tu "The Costons," When he proposed to tuake everybody's fartune with his frut kurdens and orchards. The present Lard Laeutenan ls -rifs erery ong's thanks for draming attention to
 forla, 7 in sll prolability es much difiorenoe between
 to cost 1 Bd , whetween tho English horse to be forth coming at the next show and the Irish pony it
 Dublin, untill it becomes a serjous question baw in pose of the oubs. Irish chickens mas undoubtedly bo bought on the mround at certain trmes of the vear at
 rraral honds bepore they reech the consumer. WY he
 both by rald and stammer, nelltier of whotn wort for nothang. The prosent must be admilted to be the fs poultry is mot nearly py to itn mvernge. The prin-


 ten days in the lars don market


From the ebovo has to be deducted palespas:s otin nis
Prour the Ebavo reas bo be doducked palar or desler"s averasca and profit ju colleding the birds. Tbanks to the enterpriso of some of the railnimy uarriers, there is
 evern provade boskoto for braging the fuwls wier ate
 grod prolit to be mades in fathenteg for tho 1 andon
 fowl retachitg the price of 78, until the breed is very
muth improped and the feeding very in un fir cindel muth improved and tho feeding wery in th at thit
 ord are bettor, whifo the Wex rif jery thkormere paius than either in fattenng, ku. in and pioking, and consequenkly roach the top price That tho quality Till go on improring rie way buso
fiat theprice will ensble us to biy the lrynlt iss ? good edible quality at the 1 Tiwo Mushutual, kiz, as or 15. (id, each, is doultiful in in Dublur reaches $\bar{i}$. per head, but wo know thet the wholomils, indeed She feeder's prion of the best Engligh [owis does, azul ofen eroeeds it at this time of year.
The fras dotterel of the seacon wes in Jpeadonbat Maricht on Thursday the ged
A common blaz haron wha zeen flying ower Cuven Carden Merket jo a westerly direction on Wednegdey morring

- In our last Number wo admittod nu artace on turs sjuject from foreiga corcespondent; whtoh we
 of chukens - lhat w, tak.uR ithem out of tho shes by luman havde, instemd of deaviag that mork to the han People liepe an idea that the ben atis on the enger ertain ture, arme the egs and comes forth, there ing the clich bursta tho exs and cock witl libemated
 motion as if at fortse a solnd m+th tho Res, whym
 axpect a clack to eft 0 at of thr aje
 untal at lost tro excrevect ex on ar do of the shelt, and
 bursta up a sinatl wale, of raurae wheti the woes thas, at the same time breaks the air in a short tive 1 of the egg-this admite the enr, in a the the breathes and gets strengta in ery foud it formard under sels to work to liberte it, she brisge it forward under the feathers of the crop, and supporting it between tios breast-bone and the nest, heger the jor into progen formed by the rains? of tide seato by the clack's beak, and breakis iwat the cogit sba
round tro gratiest anoter of the erg, the joint (4) of the lies wathowand tne chack within tien I berate the prisoner, and he struigics int ex, matural beat of dry hand

All femala burde who set on therr egra to hatris then hava the hook an tro beak strongly developed, eren the broad-billed duon turi the gonso hava these hnok opectaliy developed, afow with then they libarate $t$ ae young. In Austral th. Where evergthitit srems to hatulies the epe, sild mot t e ben It waild a 1 lie mar of that than ath the female, the byk on the berk of the oflinary obek of the common fonl is quite ditioratit

Our ialormsut ( 1 this subject has all his life pisid great atieniwn to the facts as hern statad, mad mas Watchad the haluhag of every kand of domestio bird. They are all fery jealous of being beon, and will
once stop th their operatoas if dutarbod hy peranat


## Caleniar of ©prrations.

APRT. Paring and Bermong, if the hand a lovel ned roe from stomes, is renerally dobe by a horse-perinc pith n. butlls, the parnag mut be done bs the breat ppade or breast-plonioh. The denth or thoknets of the turf out depende upon try linngs- the thoknets of the eflis wietialic misiter in the
 Frominn in ! 1,813 ?




 are woull ready for burbatag, $b$ ob other ise sitey require to las ret thp to dry. Somelimes a leam with a Jeary to las iet tip to ary. Somelimes Elotin Nith g lieaty dry. They ere, when ready, barned in bouss urith dry. They ere, when ready, barned in bobpe with a
for kindling the Jrea Tho work may bedote for about
 When tho breat mounh is required, if tont be teat

 *hent or is anohes deep, it is then batrowed $\therefore$ nasi ad across, bollowod and alod-orushlan, $k$, sw to break dont tbosodes and lacorporata the $22 /$, $x$, It it then ploughed mbout s meles deeper then lnef re that
 by meaps of the harrovis, cultivator, and clod-aruber by mesins of the herrows, cultivater, apu cod-arunger. inamure and saod drill, or the Ind lio untl noxt thonth or sueden, or J are ir Turmpan If the latrul


Tarmip Pallow after Stite Baraw and Ctay Burne
 they aro mixed Fith frath steple, simber to the alse producod by paring and buruing . Ind the

## goil would tave been brought uj if liv 12 .

 With only 9 or $s$ inclses of fresh ataple, 201 ( in


 ,oeen presiously under the hough, ho asues may
 vator, harrows, and olod-crunher. the old pran man it cilough harrow, and coil, hut under has prodica it it more diticuito got the ano mer mix ture of the whet is Fith the akple, ant Jhe sime fu e applies to elay ablan the jrattimat rala The same fue applies to elay ablon burbe. an litran lmipi in bin crated athe land hes not
 ponilied ind simes shate, the nolves restare to ba


## 

 armers prefer breas in up waste lands, in pasal ires and ax lanusted fiblda from musmanazernent by tren nk, in proferenco to periag sud bitaing, s best done agrly in winter, out in comenorgh chmaiea,
 mati see, it may be profitably aone Eber a lady ritry, or in late as Aprl, provided the subool, orongti in the anrfare is wound and triable. If the land his rist been ITL 5 ounly dratned, tho work of dranipg should
 Wh the slonestug chat ialredtion of lae frat four rains opanod; when ibe land bemween them wer trenched, the stones from it were arr ril acress by boys and women to the next four draiks an mo on absemica of stones, tales are thed in drannink dero treachtig is generalty if, su 20 to 21 in lees deen, the top 祭保 or sod being turned into the botter of ore
 hetrork cal her han requ rex pothing, bl. to Bl. The trenchus in some ases may he 10 ge br home of aterm-prover, tranch
 tory clay boashtne 10 , carfying or dathing of the tones showery werther shonld be spoided, but the
 thmp inger me fods belon keen the groumd sulit luty cetaty open unt I tles are iknmughif rottes. A
 an! इemd can be T when by the tarronts and cloderisher
 illatery fur: a tha lim. afimil be well sosked with
 exer mentations tima for Turnip

 fand it the subson. It ! catee the need of limin: limo should be well harroned is bofore the beed th town.
thine ir epphied in ter
floms duriog Apri] and May, the dose ranmog from 50 up to 500 buehele of mowly ealatmed llase from the kiln. Applied to metly trenched land, it powerjully promoter the decomposition of the vegetable ind Excrementitious wetters ti contains, In the ceatro of each peroh e heap of the tive oholls is placed from dry cheather the slokiog nus necessarily take spme daye, but if tho gromod is moist, and the ar bumid, tha heapa soon ale. They tre then spread and well harrowed into the surface.
Honny by hand and horse-hon is ponertal now mong Wheste Jeans, Peat, and carly Poksion, Theot hoelai should be fiosshed in tume for the colling of tie land for the renping machane before the plants are toon advanced.
Grass reced may be rolled into hod Whent, but if the Whent has beer wown brondcant it may be better to roll hesw lend, and sow the seeds and then harrow in With light harrome. In lighter colls tha seeds may be rolled to.
Solimblo suanmes are sown bromdonst, end ame eithor hoed or harrowed into crops reguirigg them. In moist Womber bitewer will wast hem into kne rouks of crops.
The pasfurat entered upon at Lady-day may yetr be removated by top-dressingand Gras soods. Belore the matire 18 gapted the lamd fould bo carefulyg gone over, sud russacs and treeds of every kitd above grotind remaved the geoda may be bush-harroved in and also the top-dressang into the spard, and to aflect this properly a bout or two of the bisil-harrom may be neressary to mork tie manure properly into the roots.
Zarly-day Enfrice often leave work to be doae in Apri] which had better becs done 12 presious montlis. A diferent systern of ( roppsic isentered upon, old hedges pre stubbed ont, the epass-lond which they enclosed are pored sad burad preparstory to berne sown with Turnips or lape, and gaps in the hedges when roman ore filed up with the frexbest and best planta carefuls dug out of those which are removed Thas latter-tho filligg of gaps-shou d be done as early as poss; ble, sud sola nowly planted Tfrorns eopransly watered to concuttidg of bedzes and about hielt roots. buta do well in April, moro especially old sickly bedges m early semsonk, Entrtes are elther to tho Gras and fillow lands, the outgoing tenant retaining onempation of the lands under corm, or elsa (whide 18 commion) the incoming tenart purohmes the entre interest of his predecessor. and each of these plans has ita peouliar


## Wotices to Correspondents.

 letter wa reproduce a pottion of the roport by Mr. 帝 Lilttle, isf Lineulnmire, fromi tho chemanol Nexe - Mr. Barmard,

 Hie kritilisto of Jino moy be talkon up by tha wator, to afterd line by its decompoiditon with moda fur oumbidn tion Thith the biploaphate, which fin and in molntion. Tho follow

 toch in afnmotas, otoppod at ons ofnd, and divided frito 100 equil parth, oonnequantly exph difistion roprosents 10 \%rains


 amokner glak tubo, about 1 foot Jong and prowelghth of as finch dlameter, stoprew nt (ho end with plug of outh percha which in perforatod wihh mpth; the object of by tube in to add the teat soluthon of soda, drop by drog at tho termination of tha oporatlon, whem grontying the finger at the thith may be orlectet by no
 dernill tube, gradueten into fortr ciflolom, divinum represabta unditanth of a xrain of toda, It mas

 upou; fhet this if reaydy pancertatned thy eotuthon opernted solutifomaradually, and no lowg an the loy adding the teat elest whot weli ngitated by Estratbo t drectic the quite is neutinsight wulky appearamee, the froo arilphuric ack solution into ser: tral phopphate is beginolng, the foflecite in theongh the decompraition by the ood phorphaste of tive
 whensd to e plece of cork, mult be put into the paper quandity of pods belutlon rert, Harfog hotod tho exact edth, mote of its may noty tomploted to moutralle the freo beftre to abow mo alknitio raction, Whola time, this will to readily secun liy the ytirilig the

 and






 Fhach in 0.05 but ns we hare orls time into bipherplaite

 to form 100 part nhyycroun sulplitice actd are nucrasar" thif furthar proportion enospaze cnacquently, we lave phate contalned in the 100 aralh- perestage of hiphon purcentare af the blphosphato formed in the 181 tbo

 ExTrat
 The exhon of manure, the idon to atogntber it mintale



## 1,AWN MOWERS

GREEN'S PITENT | SEANKS PATENT DARNARD'S PATENT

DEANE AND CO., 40, KING WILLIAM STREET, LONDON BRIDGE,

## DESCRIPTION.

## THE "AUTOMATONS

Are guaranteed to perform their work perfectly, and af not ap proved may be returned within month They are eassy to work hght in draught, atmost noisclers, and beng dryen by marhanc. fulde gearing ave tot hade to gt out of order. $\qquad$
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## LAWN', DRIVES, BOWLING GREENS, CRICKET FLELDS, and GRAYK

 SUITABLE FOR HAND OR HORSE FOWERpatces or
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SATURDAY, MAY 1
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## DIPLADENIA AMGNA.

## J. W. WLUSETT


THE WHOLE STOCK OF THE ABOVE BEAUTIFUL PuHF
 beatuifol D. amona is glvea in tire "Florist" for April, 1868. Plants now ready for distribution

Priee, 1f Guinea, esch. Strong Half Apecimens, 5 and 7 Guinann an ASHBURNEAM PARK NERSERY, KLNG'S ROLD, CHETSE A, \& Mayl

## Umalitry <br> GRASS EEFEDS, AGRICULTURAL EREDS,



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## WILLIAM ROLLISSON \& SONS

## BRILLLANT NEW TRICOLOR GERANIUM, THE MOOMSM

## Is NOW BELNG SENTT OCT.

The habut of the above most beatuful Tricolor a compart and exceedungly frce; the leares, mbihnt aubstance and moderately large, are almost round, and from the gi ght cinvexity of thitr shape thes enhixiv



 nand, unlike the shy habt and slow srowth of that vartsty, Thumb,
the public.
THE FOLLOWING NINE SPLENDID NEW DOUBLE GERANIUMS YOE
MADAM客 BOXDET
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Together with many other Novelties of sterling merit, nre now beang distributed
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THE FOLLOWING CHOICE NEW PŁANTS, FOR THE FIRST Th Eurly Ordera aro solecited.

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## Geraniums.

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Sereral of which have been fisured in the 17th Volume of "Flone des Serres," will be sent our is $y_{13}$ " deseription enn gwe a correct iden of these charming planta, which beeome diring the burmup man coverel with large and weal-formed dowers of divers shides, fitr gurpassing anything yet obtaned in that tat

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## The Garmentge Chromicle.

SATURDAY, MAY 1, 1869,

Tre arnouncement whech wo bave mian of the desire of the Counoil of the Rayal Hortimiltural Nocioty to most the exhihitore to dientios tha matter of Showtice PTants in future yearm in BMALLEER POTE, in, no dombt, a very impartant one, and $1 s$ caleulated, we think, if not to open a now en in these annual displays, at lenet to ravive an old one, and ambelligh it with amended festures.

Thome who can lomk hack to the dawn of the orie-Qhift, " (r latirn f" $t=t$ at om of cultare, at cot irth in thromp paresur. intanil a quarter of a conturr ago, nid cuil reabllewt 74 the restalt of that sfitem, tho replewishma collection of Faling Park ar Brookiands, and those of the Messry. Fkaskr, MAy, Bazares, COLE, Dove, stpard, and pery






 bo far from the truth，for it had quantity pa wall an quality，cotrenined plante of daffecult cultivetion and was not＂taled ofl＂by common thungs Whet was dono then cen bo done again now onls there mant bo time allowed for preparation， and ono mensom is not sufficient for that purpose Ey，flank ta Rurtonian，Koveas，especinaly
 Fo might montson，require time，is well as ghall and carofal management，to bring thom to a
 exhibition；but euch plenta properly brought potere，examples of cultivation，worth a forent of the molt－wooded atuff and foliage plante， Withont which oven a collootion of 12 plenten can now mencoly bo mado up．Referring again to




 Whis is 1 not put the possessor to inconvenuluce， lak，that reforred to by our facetions freend，the ther of Onunton，who，describing the huge apersman of Enca Cayendiahiana grown by the


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What tu il with it Thucy Jarge
 decorntire purposen，for use in the conmervatory Tpeatmens．

Quito a sensation wha cranted at the Iisc．．．
 alluded to，the Brooklands collection of 20 species and Firietios of Capo Beath－small，eymmetri－ eal specimens，in I1－iach pots－was bucent lafore the hago and well known planta of Mast Thaise， of Bromlay；and then the same day the Brook－ lands collcotion of 20 stove and greanhouse
 tho Hayes collection，though Mr．HuNT tried to turn the tide in hie favour by staging among his

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Go beok to those days when the enlifetor an well as the maltivater wha prrouraged，call to mind the variety of plante which any May or June thow brought together；remember the rare
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 Ul
The rainimum size of pot for thene exhibitions ah i＋Inot ba less than 9 mehes，and for the sake of unof imity，as well as to facilitato the caltive－ tion of plants in emall pots，wo should recom－ mend that a new eat of poto be mado，varysug 111 sise from 9 to 21 inches，which should be the largast sive allowable．These pots we would have of the respective aires， $9,12,15,18$ ，and 21 incher diameter，the last three with loosa bottoms，on the West Kent plan，and all a little Hanco artaste 111 tharg oftor cotafigurution thafi the goneral run of phatit frots，maleed，we want the Moarn Mintus，May，or Butno other of the greut staflurdubro potters，to tako up thas sub－ ，ect f I 148，and if they did su，and gave us a neat，thuste，mal nicely toned pot，without an ex－ travarat rbargn，thay would soon fiad their wecolut 1s，the iannufucture
Finally，we moult not attseh too much ampertance to what the Iresent exhubitors may kay or recummend．Fenteni interest in their present plauts will prevent thom from igmoring Lrge qpecimenq altogether，nor 18 it necossary that they shouk as so．It 19 destrable that large piants bhould always be shown either as anglo eprecimons or an collections of four or six plants， aro．To limat tho shze of the Chiswick 203 cars 4bo．To litast tho maze of the pot as not alroys to smat the a．ze of tho planta．We have muplo

 the ditferutan，that they carry threa in fous himes thin yuantity of Llomm．Accomplash the xatmo otisl with barl－wookled plants，and then exbibitors will have the pleavare of knowing Whthout cant grow large and perfect spectmons whal to lift haning such an onormons quantity of aral to lift about．Of tho result，的 far as plent doubt is concerned，Fo have not the dightest nearly ${ }^{21)}$ jeara ago，and wo are glad to fiud catrind mat ls now a chnnce of its benig
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 I. A. 'Thomas, of Brooklyn, Ontario, Canad Mrom Mr. In the snmmer of 13671 I procurred © small pecket Melithot Claver seed from Mr Baldridge. I pound the plant ideatical with ooee growior hera and calllod by

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appointed so them both.
rpoctations Th

## -xpectations. Th sod

.. 1 Whest, and dragred in. No mothstand loing dryness of tho eenson, and the flo that the Whent Fould retard sts growth, ', Hlossom, bo thint
 as Red Clover bown at the same hatae 12 giloinug
fields. It promisess now, with me, to be equal if superior to Rad Clover for hyy and pastura; and it Wiil, without doubt, prove valuable for boan The and conkinu I $t=$ bloom unhl Soptember. Bul fow bees could be found on it at any timo, with the os tion of abont two weoks after a rain, during whied hrai

 Il i, i's r in an ?
from ti. $J$. . Townley.
TWe have ofton heard the Alsike and Molitot Clovar apoken of in tormb of high prase as hones-wecrotadg


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## Garden Memoranda.






 arden oth one side, while on the other, th $n$ imer.man


 Maguolt grandiflora. by the noble range

 ubstantial and imposimy ornameat of the range The about 110 jards), the end housea (Peach-houtes) besng saboutid 110 yards), the end houser (reach-houses) berng the corner. In rront, the gerden end its sccompent it of water 40 , is bounded by a fine new churob
 the banks, carrying the gye along to a fint e obehsk some way off the the distance, and with $t$ wr a of the pariz itself to the left of the olarch. I $A$ UFi in , is probably E0 feet from the ritage of g 3us to the a la the oblarch. It it in ine winn if shore tiver

 hamghte the rhitr h, don
I a 4 innt eat ble site for a flower garden is divided .nt , three prions and devoted to three diofinet
 *ra*e of ahont ink y ands th depth, measaring froma the eravin mats iti frost of the plase is devoted
 meaps of a Grass bank is a lab thent I f Prext lower, the side walks riwh ing lie fo ner mmur it is flight of stons steps. Then follows anem of per-


 Were a urual mankin of turf, on mince standird But
 ndapted to the highls formal charzoter of she groupd 1 two-thirds of the spuce as deroted to a suiry Water, leariag a wide block of turl st anderd This turf lakerise proneeds in in nntrower band elong the boiton, thus surroutudag the square shood of milog
mith a boundary of green Gras but just


 doubles back elong the ouds of the tan $t \cdots-n$ turt ulresdy notod. Theso ond canslo molactigh beyond tho lines of the enolosing wills that bour
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 M, a, ararden on the other, The wi alo ant

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tho watco there

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## 13 foet higho turg traen fach arienuy bohiod, prolmbir

 13 foet hipho, oarried round dar enougit to hide ibe end of the pinetum nad the old ohr incll smd churchyard, and -iddonly larmunoting at tha bosutinul naw church. from the canal, faraubed with the llambooh, Pumpt rasest, \&o., dreandy potiood. It will be seme that the qround so whole is uniqua end the firect or thow jastaparition, olose peoust to oonlum, harmo n.



 the bothom, founta os, ra \& Atone meath, and sim: or 114 , re ll the why through, while grand tree tomer up in the part in front, and hight over the well on enoh side, med you feel lit tho fomplot of Flore is onfreathand $n$th garimids borramed from other and nlruot equally beatifitul Irk. Imbuod with tiv, one doubts whother Pliorts. terapie it quits wortiay of -1, org arthstso bese. Essery hung velee herr .... Bad one of the best and limesed zeomo, rakingiat has evar bean land doma wonld not
 harden me $1 t$ 14

 I per border st the time of my Fest (August) was one the grandest BLghta 1 buve ever meen, fllot from ond toond with the Belledonge Lulyid (uithemer Why dote not everybody grow this loval? I, is in the erdea


 slracos have enadt theth, by Mr. Robinson. On the opposte slie of tha melk are cothe woll-ilied vace of f'riargoninme, \&e, than follow two enormon Pampa






 puter tim, out into lour other beds $w, f=s^{*}$, chers
 melancholicus, Cinerman mantion, and Lobolis, the fonr aratl dircles with Pelargoniums. Then a lank dial stender in the contre, with tho whole crectos fot equal

 two very herga 18 bois woh, wrall filled mith the namal with groups of 18 hods bach, wail filled with the nsan













 of the other perts if thememagn fi mbet grounde.

## Garden Operations.

## PLANT HOUSES.

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 lo the form of liquid misurise. Where sma lexal pucta them if a slight murfeoing of good riob, thorouphly
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Eruly. Where a younger stock oriste and lengthered





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 Do raquile amounl of statine, tylak. de. done ma



 Ghauldorms of Secrlet and other Zonal Patorgoaniwn thould now be selected ont of the merieral therk of
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 should at all times be as near the tomparature of the
house itsolf as possible, thus ensbling it to throw off a profase mpoar at ouce. Where young Vines are frutind for tha frat season or an. it misy hn ar well tn
 Those who are growing on young Vians for the purpose of planting out into properly prepared borders, may
 amin the tmita that the lis I mas not be left hurder and
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 if dry nl unprin. al tir Ti,e rinte cren of



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## GARDT FLOWER GARDRST

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THE ROYAL SEEDSMEN.
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FARMS: MTHE MILE PARM, DFDTAM, ESSEX




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 Finest Guality, per acre, 28s. to 35s. Becond enality, per acre, 20s, to 268.

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SDTTONS CHAMPION SWEDE.
The hardiant, the mont productive, and beat shaped Purpiotopped
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 a diab show dn December
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grownc From A M Winaryot, Ray., Oowhorpe Ladpe

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 Price la. per lb.; oheaper per cwt. Carterne prize swede and turnip
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HOME-GROWN EARM SEEIS,
aef and unadulterated, carrtage free.
teme best sweresis. Itifat.iy is

H. AFriviturel and onrden oted


RAYNBIRD, GALDRA,


 I. The Sobscriben beg to eall tho spechel atterth I of Agneti.








 ROYAl $A G K L L L T L R A L$ SUCAEII Of FAGLAND.


Che agricultural ©atette.
SATURDAY, MAF 1, 1869.

## WTETDIGB TOZ THB RMECIME 加EET



Ewolisil agrocultursta aro once more concerned for the security of their flocks in respect of the much dreaded small-pox, which has again bean introduced into this country hy sleep imported into London end IIarmech. Threo expgoes woro detained last week by the vetannary inspectors to the Custom
More than 3000 sheep have been slaughtared on tho wharwer of London and Herwich in the last fer days, but of that number not more then e dozen were actually affectod with smallpox ; the athers wero detaned as a moasure of pracaustion, and not on acerunt of their belag unsound at the time.
All the consolation which tho homo producer is offered 18 convered to him in tho ofticial statement that the oxistiag arraugements are sufficient for the emorgency; and that, as at present informed, the foyernment does met contemplate the re-enactment of the Order to slaughter at the landing-places all sheep imported from the Continent. Under these circhmstances the farmer naturally asks- What are the existing regulataons, and bor do they act to prevent the spread of infegtious diseases ?
It is generaly understond that considerable
duerotionary power is rested an the anthoritions
 Truperties, whe ther lisan or ileal In the race of atuperted anmaly the ju.wirn if than istoriat ari
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For tho purpoen of carrysng the Order into ofloct, weterinary inspectora ste atationed by the C'ubtomat avay jurt where forcign anumals are on the lundingrolur. of prequming they mand, and thron, it Itar ati thancil in force having apmear rifatr, to them, they are allowed to pasa frem teather the f'natoms' jurto diction. If ans a it is maly nom found to bo
 character, a* catto plagin, or sheop pox, the f ara kill 4l, end thent carcasen ate ilestroyeul, nad


 of at.n : M




 ahort, the reliased ammala aro friquantly found sufforng from th when they reach theur destinadetantion momala and tho duanfoction of ships in which they have boess brought orer, and also of the Whatron, luirs, anil alitighter-housen on whels
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l. ng is myprers of fore ath sherp ase With the uanaws sus wel- level petil that detec tion is certaizi, they nyotctil of maspection afforis almont atsolute mecurity, but if, in the exercise of ordnary diserotion, thoy carefally remove all mech eridence of the disanse, and send urer only those shoep which harn hem expmied to thr infection, but aro yet, and fir some daye mill reman, free from any traco of tho maladry, then detection is imponsiblo, und the infocted ansmatis will escape inte the country.
It can hatilly be doubted that many cargoes of infected sbeop have so eriapod, and the smmu nity which our flocken havo up to the gregent enjoyed is in a great measure dute to the fart that the formgn shewp bash all bern slarightored Farmers haya befli in manxmus to get rid of Bnt now the cose ia niterevi. An abundant cmo Grass is prominad, and many farms which donug the eutuinn and winter, wore almos clanren of tive atcuk. owing to the dearth of number at least. The tear therefore averagg under those circumatanarey farmers will be saducat to purchaso impritted sheep for storen
Foreign sherct, which are brought over in
 I asami thay nere at al mal tur en nut if thin metruphis Hanen the. r puwier to di maseheef is 1. nite tut nhmep which arn not brought ower nonn as thes have hasia + raminale and they have alm the pmindege of traveling all over the country begroad or tatl.
According to tha existing regulations, incountry, is the omaly mafaruard againut the in this country, is the onsly rafeguard against the introJndging from the renulta, the examination on the other side of the watet is ansthing but entical and therefori onr melanty nias bo rad to rest upon the Englance of our own inapectors It is onls furr to thenn ts ir own mepentors It is
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 wors latate expresses the iflatht whith int alyayes extat, in reference to the exastal re of the
 crem t tame bat cligad to chable the reamine t) $f \mathrm{~mm}$ a prowitive opilatm. The sliughtor of fireign bheep mithon the limite of the metropkelts enamlorably lessens the nak of tho sprend of ani all-pox, lut thes regilation only applies to cirtana proportion of thase which bre 11 portent i largo rimper of framen sheop are every theo remintind ats the e andery, athd thero is tio regth latera whi.h es.apme the ir slanghter. It therefere of the 1.ts at importanmo that every farmer whould make arraugat entes to sub ject all netwly - parchased stock to ${ }^{\text {B }}$ ictof has farm. Thus, while purchasing homestork, ho will inenro the preatert amonnt of ger irity which is attamable under the ex.st.sig repulations. All danger may, however, be arivited simply by 13 tiwh rgni alturista tacitly letermining not to purchase a single foremgis ni-p for atore purpmana

Thene is rich land in Anerien, that wo aro il. cannot be oxhousted In tho reh valley of the Scoto-a feeder of the Uhu-Indian coriz
 brath is por sere. The tertile flats of lllonoms. Gho, Itiduna, and tha ('entral states, hatso been cropped with the same prolific cora al 2t) yeats 11
 vell. Manurn, which 25 go as linfet sable a resto-

 that the commol. prace of Matyenome gebrs ari was only a dow pence a Lushel much lana that ita ralua hero as a manare; but that whicli 15 so largo an item in the worth of fooding cort here, viz, the value of the reaidue which returned to tho boil in mantre, and is necesary to ita continued fertility, 法 of no value on lane of surh mation freshnegs
 the at rease of populatan at 1 thi: exp ertation of A1 +. 7 in the more cumpact form of bacun ha monowht ratan ata prow ctert in the diatarit States; but such is the abundance of these atarla commodities in tho Tisted States, that the common ration of the negro, whon he was ono of the domestic animals, was lb of bacon a-day, and Mazze all libitum.

In the rich Maize districts the land iv too strong to bear a healthy crop of Wheat, with such preparation as would bo necasgary here, it must be tamed before it will ranty Wheat A common syetem of cropping is Mazo and Wheat sltermately for a number of yeare, yathout manure. Tho land only requires clraning, it neeal sot be fed or rexted Malze drillimi in rows a yard apart. and grimally in "cheeck rows," fo that the plocugh cari pass in both directions, it an nimsrable fallow crop. The 1 ght 1 -hore plentah as carried by a Kentucky laburer frista uro fi hit another, and it and the hot summer sinn, witt a little holp from a hand hoo, soc a deatros all tha Weols till the crop rushes up to the hetght romatimes of 12 or 14 feet andi takn fall zoswessir it of tho land. Early in Soptember the aced of the noxt crop is harrowed or grubbed into tho frabila soed-bed without ploughing, and the Maze stubble protecta it in tho winter manthes. Thica, in a coluntry whore labmit as car, the only heas y 1emi in the roat of prodetiono is reducme tis It atam 1tin, and the grathu ab alway harctip, il in rrit ref tulue.
In Alahams, the state of Misgiss.ppra, amil Inursians, \&e, on land mually tith ald nfarrt Iniza to clean the ot Coiton fillowedi by ana of Manz to clean tho land is a conimon retaterts, phech 15 ropeated for years wathout manare, from oxhauston, when tho luad ba fromamall abandoned to Nature, and a new tract is broken up. The cutton growers have naped \& quatio with great effect on the crop, and fopasm is u4nt inth. Where that crop ot Bed lover farthris Fige rousits on the froph sonls, and 14 , groun repeated sternately with Wheat.
othar frint trewas do moton thaila,




 tisy bisn lewi etiret, f 11 it that $\pi l_{1} \pi 1$ the $5=1 \mathrm{~h}$


 Fhreh alfeets jumt sto aprises axhatistom and aboud mimal lands. rromusal forest bo cut demsion but so.l ho fort whete 1 afterkards, the gane tren 4 mill agam vecupy the ast 1
Tho supar-catn a.d I waino $\mathrm{ct}^{2}$, exhatutible arr, in fuct. I xhausted so chort, that it 14 but a brief apean in the 10 . of a nation The 1 rocusx commenag vire first crop is remos cid withont retorater sot-constituenta which it arpropratal groweth; it 14 ritarded 13 part a terton: artifi al or other manutes aresete 1 whin rest catesa

## 1s wery great, 3xi his a

 onormota wante of tho tumanlint when the $p$ allic thare a e? tho enormaty of thas wast, the than venting it will mbaloubted ?
source of ferthits wal theri in parnud es
 mantat..


| On the subject of tha firme I vm <br>  <br>  <br>  <br>  |
| :---: |
|  |  |
|  |  |
|  |  | wयy aired mad







 not able to deler mituo frumis the qbore detn.ls

## O1R E.ILE stoch

3.ast weok wo hrielly nots ed the priac pal ponts of interet of hita bid intolt sisle. Wo have simie heard
 last sia antry arcound. ite ayerake ch ie fo malps las readers to learn that Rirkilevington 12h, whiuh Lord Dunmoro obtainod from Mr Leney ot an advance aver the 381 gs. ske fetched at the Didmarton sale last on Dera of CollivoHim Henceformerd Dunmore w. It be associated w,th Kirkiestigion bluod, as Lord Dudmore apparently loses no opnortumity of socurimg any number of this fashowable faunls when comes inco the imarko
Lorvey, was put up for ent property of Mr Mrycy, was put up for sate at sadmuton Hith hardinge for 110 Kg , the prox pous bud or 104 Rs. havin been made by a tenan-firmer of the ne gubourbood. purchaser", and the prayes reainsed


Two traluable herfer calkea have been added to the Kingscote herd this week, on the IRth a roan from the Comiess of Oxford, by COTNT litheustafie

C
 Clarence ( 19.611 It will be seen by efperusal of the pedigrees of thas latter calf iwat st ss bred in and un very close.g; it, howewer, khows no sy niptom on
weakness but is a fine spu men of what a storthorn Weakness, but is a fine spe men of what a storthorn calf shonld be with tuthat riknhr so surach hrother to Corxt Bicheratatil 123 NJiN, $3 n 1$ Counfess of


 Winabredile 10, ofs,
respectable sum of 200 g .

- Mr Lenes, of Waremagbury's, sale will tako place on Thursday, the 6th inst. Twenty three heifers and gas maty bulls will be oifered to the mbibid by Mr. ceard, respccing Duchess ana kirnerons blood we mber wite atention to Mr Mr Loneg' herd, and its hand character the presert acosion to enter ferther into detals as to its ments.
- The Ridington Catslogue has at lenpith apperyed. It contsina no fower than 6$\}$ entrea of Wortley aro females. All these annwals, bred by dolin Thoroton on Tuursday, 13thinst., at Risl artom. Mr Thornton, in the lueid prefatory remarks, tells is that Hthe tribes from which zuany of these antuala are bred
has o been located in the county of livilind for a grani


 11 ny , Sowkh, and ato or dill of listes





 - ilifar in 13is. The stock are probeluneed to feerling qua, $t$ eb, an at to be exce lent ased of ferdink qua it es, ase to be exce lent macera
 Cheaey, of Gad leaby Hals and Propsidesi Mr. by Mr, Adking, of Miloote, and deaceaded from
Farouritr $(2) ;$,
- Jirom dongiond Howse Miarhinhsmptom, wo

 on Mondas last a xery han jocman rerl nud withe fermale



## Rľill, mill MJS.


Jis nay of a peg on wi ch to hadg my momark. I Fill refer to a stale tannt made an fers daga nirame by Canon
 the parish of Ingleaton I ve in dor, ity in + +h1 Canch

 pose ble I lustrution of 1 he I recout parichal nyatem







 endorsed 118 curitint is ay plabue not oriy to Halbertod, bat to all kingandi. And I am free to owi that it his complaint wil hear consideration in any jasush rehoob under the same byatem.
Ganon Girdeatnos complaint hat pespect to the murl too larke a =hara falls upon thmeelf as the clergyman of tie phaze aud detumita a cormpritsory tranner accupiers of property The cost of the school last year \#as 1337 it. fin, and was hus ostribatod inal 168 or more than ifo-fithas, what prowdel ont grant, waf. or komethbe lass then one-ifth, wis romntarily gut seribed by thy or aers and o"cur lers; zul lit sa, a exactis snother one-tiflh, which was met by an endowo 24 ile $3 d$. In ather words, of the 12 , when the
 patd by ti:0 Grsernment, Holutary subscribers, and stsh lews tian os ing the parent. Now, ubat is ha true in (rence to be irasn iram this siatencent. What is the puat oglrousy loes far pom much, and the parent
 friend of the sbourer, to rall upen $1=83$ to do his own Luty benre ha agatates for an ertra but do rowntorily fir their nolshhes ark child more thian be th $\$ 1$ was 20 do bimizelf. What can tant culu -ition be realis morth,
 how unatinfactory to there manster mubl be the fisult of has own example and ingtraction, if il leare hiell sontented to do so nttle
Chough I may have the misfortune to differ from
 dipposed to admire ancerely tho rin ance of ho has shown in fighting the cause ho he undertaken I feel it, therefore, difberat to undersuand how he, of ald men, should fat to perce ve the injar Ilat a cone to the independence of the sugisa ahild, and encournemphin to cast apon otlers one of the first duties that bi any to bial as an Einglast and
 ank idquess of coch sud sind men, hatym mat expect

 which Canos Gurdestone has taken up and so loudly procla.med. What in that poralion? hivy gamply




 practically know the dinetrict, and, so fer us I have



 the remavide 10 my to reproent the atmelsural labourert and their fomitios fisut I will the abe
 satisfod that in $\Rightarrow$ torm or ouner shey do, andmuss
by the anturo of



the date it to dit the re than lipy now nut of pure
 Whnowledke that whot I hear I an a real ermn of the
 my .ndgant in way grat berause I ixambli, frem my
 bave refleted on tar matter 1 base $f$ und mseaf linbourer b:melf I don? andew. and texad if the tod.matit to wlen I tionk in matat, hencurprese my

 fond e bim ko blure in ing, but w not truat hirm an










 truching, of pay a himper rate per head dow, the Lery teirhider mema to me to be the sort or evirapl of taration of rufu semet hmase to the labound Itelberfon paruh, atd the furthar charemment to
 but, wo to organate tho whole leachang profemion of ib

##  <br>  <br> 

 The quest an en to quantity or Werstat of Grase is in








 of $t$, dir ret




 termed in each tase good water mexinw prati A Open, porous, sandf, and grere.ly wis is carty the fin and pleyey sols, but the lirass on tha iatter nometime aten la better up to the seythe than that on the fortops


## 

 Errain tinter: "timetina n, it raj, $j$ y tanges the them gearer and Lasiart in a mommon alandard Ar con nerer bo wholly equal unlous fresh anos but the the antiare on the primple of warsitig In pasitat of art it may net inaptly be ay that the difurene sat meen than two ciasses of mold is kerater tian itC'mate and the asture of the mol, apary from the mning the kind and quanty of the tirass Thus.
 hre sandatnge and nol to tols of C'mmarty and Boon



 Thas, howeser whith lise the it int



 atrint thate will bo fulu 1
 hedent tall whter, and the qustity of tho freat then Traparitiraly proluce
tennenaty prating ther hertan water in momuris






 hermme cimistel or blanrhed from the britinm they rej' site rupply of liaht ewemisally nempant of the

 . ght to the portion or atubbio ieft above groutid, and if

$\qquad$
 ather hand, Inke all short-livad plants, it forced, but more liable to a premathre end b
umproper food, and the li umproper food, and the like. It reat tho






## 







 wright of each rit


 The laltep the may reroy tres) fo find is must he rat short for reasons alrendy alated. the meadnw has beem laid dry, may be torvod in in mat oul the renp in time, but the prabour of forward the maiden crop of the mensan by


 this it minat he lwatno in miad tuat when aide










## Fome Corxespandence．

## thadowneer－Therc is hardly any profession


 Wh Higem nd farm profts in abundsice or at on biz portion ont this ishand to the prose Con．There canot ben arpater
 －mate－－these at dotreetly upon ho milutation，producing ail thad difer－ IMes rephero aro onighy， Me．．ti－Thero．aro light sindy d．
 hoge omesure telen ivt theit ouners，present －inlotsthions of Trethitity and produditivonest tor
 a precarious livelihood，whilo on

 4．trence hetwean obergy and carclessmess，betiven horality，between recklessaness and
mery ithop－I well know the class of sheep men－ and your correspondent from Carmarthetalbire． show broeds．Ahey zenemaly brine toins modern mach boods in the way of an extra lamb or two in tanks of suy 勋 emes not unfrequently rear moro of may ay six，flyo of which lived（by the woch band－leeding of course）bud fallowed land on its ap their quarteps at night in a antifion Lode，Thas place Upenme alsalueir natural wowe the kise whinga ity of these slicep，The Poos that brang only single lambs，They are iamintid mongril breed ${ }^{2}$－the mountatin gheep aby yur e．Thay have no distinct withifid Club will recogeiso them sowe of rur best inproved breeds wera left out jo and giverises for them at Carmarthen，Lanboidy， wertord wesk． 8 ．

## Toreisn Correspondence．

THA，The fertility of the country wabered by the

 hup，$n$ consequeracs of the want of a rualyse⿴囗十y published by able in the saboratory of the agri－ are from inferieure at Ronge． te fromb the ton of Epaptian ut $4(10)$ troless surth of Cuiro suti mut ti，e application of sory iofferintic beang，that while the the ［itn］cee＋by a eareful tarmer，who
 tie practice，common in Whith was ea ust whe R1＂nary with horse－dung．

8 Was fornd to contain $10 \%$ por
a very coreful examonation led to the consuliou that the small elasticity of the gluten derived from Esjptian Whett was due to the presence of a lurger Fraportion of colluiar tiasue than pres to be found in Frenel What，It way found that by squeziog tho gluten of Egyptian grain in a cloth a very somsible
if fretence was produced in tha elastic quinlity and even in the richeess in szote．Thas mechanieal treatuent fed und very elastic gluten，passed through the cloth， while the other remained in tho cloth without possessing any elastioity，and contaiaing 13 per cent，of cellular tisoue．The haur mado from Eayptian Wheat when mexed with water producas a short dongh，From whob onlybread of in mediocre quality can be made．Thas brithe It also possessea the pecaliar Bmelt and taste which are found on the flour and oven in the gnin． 1he wher ensus hecher lar，and mastiog in olasticts－explain the juferzor quality of the bread．
Freuch farmers are giving attention to Siberian Oats， which，they say，sppears to be superior to all the kind a at preserit cultivatad in TVestert Europe．The present is the time for experimenting with the grasn，which ghould be soma in gpring rather than in autnimp．A quantity of the reed whe placed laat jear at too duppasal trisuted amonget sereral fermers，end the produce varied from 20 to 35 tumes the quantily smif
The application of cottor－raste to agrieutural pur－ posey is one of the econollex which nir neightin res are now altempting to work ont MI Buant，C ithm－
 sho liad the ider of applying colton－wanto to the por－ yoses of cuativation，lro haz bcen highly suacesshal 12
rasamg vegetables，and especumly Aapararus，which setms to thrive beiter with thia new kind of mantire ban with any otler kind whatevar Lask jear the ranjo manufacturer Lriod the experiment of prolectang his Asparagus beds from the cold by means of a warm notton blankel，that is to say，by blyer of cobtom－wanta Buchestitek；and not only what the Ayparasus protocted from the ciald，but jn Janunfy the plants were actually
puatiog through the blanket，and were fornal to be exeellent．The effect of cotcon，as applied ia tho abovi manner， 18 to be explained partly by the fact of its beiog a very bad conductor of heat，brit it may bo looked upon also as actually producing heat，by the decompostion offect of bunsudity．Cotion manuro is prepared in the fol－ owing monner：－The cotiton－watelaphoced in altarnato loyers with the mad and breepioge of the fectory， weeds fromithe garden，or whatover ubs is usotui as the whole．The hoap in then constatity and ebund ntly watered auct the mise enon becomes biack and fowdery，so that it is easily appled．B1．Bideralb reports the effect of this manure to bo admirable，but somd other perrons opho have usod it say that it producer a
 tlat only rem cotton－wasio shoutd to used，for if dyer or mpregatied with graany matters it prodace clie sflorescenco complatned of．
ares any olher kned of manure
Our ntighboura here ano much occupied wilh tho
 ried in June lack，aad of whild bea forese was very soarce．He necommeads it trongly on atcounk of 14 rapid vegelation dirine dry weover as is mas bown during the Fhole of the umıдер The Ginnt Maize of Caraqua，or the Horag－tnoth odian Corn，beoms int present 10 atrract mot atran sunsed to the northeas to tho saluill of France，althengh it is only ha the armer parks ripenced for seed Cerlainly the appearance of the Maize grown tu some parts of Franco and Savay is mot refy oncours，afic，
 Germany，and the efurts of sha Frame，and thence to supply the fermers of the nortbern disiricts with sce 1 production of fodider，seem to have been success Thl．MI．A．d Gasguet，of DCentonne，bear Cotugnac．

 le ug is plant of luxuritnt and very rapld RHowht
liere ure three coadtions essealial to jts pomploto stecers－it requires if fresli foll，deeply plotathed and richly maoured．Uader theso conditions，be sas $\mathrm{E}_{\mathrm{a}}$ there aro few plents mowe gemmentive．The plan
whioh he adopto is to plough the land decp $y$ at tha conropermatit of the zunter to
upon by the Frost，eded tirn to plough in the manare
Blareh．It 18 gown th the south during the month of Arril，and turee yenrs experience has proved that ouch enrly towng 19 ，thicaciouts when the ripentag of the gritt is the otjeut，when it to cutratud firth ghtls ifl the eod of Mlay，end even later in tho syinth where trikation can be emplored．Tbe seer
dropped by hand in lues Prom 89 to 40 inches apart， the seeds heing placed at intermels of 18 to 20 inches， and as s depth of not more than 2 inchen，ercopt ov slopang ground and when much ran line follea，when it may be sel hit twice thas depilh．As torn an the young plants begill to appear，the moil must the
 fodider as shooks．The crop in redidy for cathan for the oorn when cat must bo allowed to lo to form，but 34 hours，when a slight fermentation lo in heaps for
 Fhon firs cout
As regards the production
armer ayas bbat be gathered his apo corp anolher
 domn be liad about 3i人）li，rees of（x），ra．A greem orop，it is anid to be sxopespoly prodeo tive；the prants of fow to height of 9 end some－ are and to bo far more zugary than thane of tho common Indian Corn，white xyy superabundatioe of grain may be very edpantageotaly sapplied to the feeding of poultry．G．W． $\boldsymbol{Y}$ ．

## Societies． <br> maporisy．

Chention Pomulotid．－A paper on thes rabject，of Wheh the following is an zorldgment，was read at MRCEETT，of Hartiond．He said
If I am anted what is the best adrice I onuld gave to thoge abont to butd，it whult be sone eth ng of that sort：As＂understanding a thing is half domp it，＂bo thoroughly sat，－fied bere yan lay a bro k that the plane not only sLow tho necernmonsutican yois tant，but
 ever remembering thant ns lin aren coverel in b
 chay to correct mhat is wrong bef ro gnu bpgin－it $1:$ not so when bu＊t，for then needlexs ad！hosual enfense mets be incurred，or there thert mempar it may be estimate，wo prepured with kometlin more than th sum firct nanted fur depend unn it tharo is trush a the old andake，＂The chartas of buildaga and making gardeus are unk nuwn．＂linly more on the chara ter or your tradesmati than on figures，and，abovesul，whe you do build，bmild кubstantally G．vo your ordert a onf baroredand 4 you can．To delay therg unt spmap in a few nummer month，perplexes an employer apurions to the emplayed polende to daypoerntment and lose Moreover＂Good end quiolly mollom moet．＂

As the tenant in the most intersented in the convanieuco of the buildings it is but right that his opinote stould
 Pueltament which tho chronteler of a clay farm hat so httrontratily desaribed

The handiord，the tenant，tho briekiayer，the enrpeater，the
 rally a mostipre

Hoution－When you possess has powar of di psing ， marlupe preater ills than tho fiett，and nat nasite voided．Good accesaibls romde are noqueationahis a verater consideration than central posiliny threh tritors on this subject havo theorised no mil habout． Apolber «uthority Fays，＂A houso built mion or fint ground by o river Bido，mikel work for the phystetan， ground by a river Btas，milian wher，and emire－diguer，＂ anothecary，surgeon，comuman of localits than wo aro digposed to think
Mito．－This，as well as the last，does not often berppen to he a matter of choice，bub when it dnes，it is just as Folk to recolicet ofhat an arsiof bill d lest thern was ool would mother hill babind tin as a sheiter aganiat nowisera． storms，Bul them is ont very maveria codst and tion these wise men havi not mentiosed，and that non about a furmstend．
 and heahu are aif ctel by it，in of fosehtre inmetred to somo extent，nif neces．ary in a firmbouse as in en grect－ gall vegetable，and requirestreatitig as cis h ，if ts chepse． The beat fropisispeck as sounteaci a corld and cutting，south end mest hat and wel a TE fer once to 1 he plen before yari whil hest explon what deem the beatiapositjon of the dterrent roors The ，Of milkbause Professor Voeleker says＂It should be dFF Fell ventilated，and proterted from tha rays of the 011

Arrangmeni－Tirse ampt I must refor yot to the plati，mentioning only some points which atrifo me as 1 mppritan a more than ten of mid servents he fsmmarl．A good－tited bock or working litchen， he farmymer A good－ander ib，to provided．In thic
 itclien the busk of the rots bang mase of a dining as．

 their many diadrania. at is at ry the tithe provender from exhasation, the hicaltar the enimals

 mant of courso bo provided in licu of lons. I ." In to bo fared, very Jutalo cared for. Where they ipmot jegularly emptiad, either for, tithution un the

 mandre in the manure-5 ride which shoude be tail $f$, of the mapara-stead, would ing in only reperive wite bat the manure (or the next bett thang Eand or soil, wited

 be $\frac{1}{2}$ cotilcient sumber of gond loost bozes for breeding

 Mobse-trough in the ynrd. Stationary engivee ran


 Dutch bays. I may mention here I 'i, an it a t ,










Much may bo dono by colour as well as outhise. It
dreas is to an individul, ootnitr is to an elevation From \& fectare I hetrd a week of two zeo by Mr. Prom seid, ventilist of Prescot. He says: "To define tho word vent st, $m$, it is to be underatod apartment or place not havink free und unlimited communication With the open atriosphore. This defioition thersfore poltudes alj baildiags, and all parts of buidinge; and the supplying to them of the most important and the the life $t$ I healith of tile ocouppuats of suoh dwellingzfor wit out elothing a person may tive lone, and with out food trasy hive days, but without air life capnot be susthined even ${ }^{2}$ fen zo zutes; therefore air it most absolutely indispeassble of all life-sustaining shill necessary to introduce such ar in due quantity at proper placea in a fit condition grd a ppliancer to ensura
a continuous circulation finto and out of every aparitrent." \&o that to bo salisfactory, it implies ingress as

$\rightarrow 1: \quad$ : le gove the foor, pointing inward
 as bonnot fidger and louter veptalntors nro genorally used for this purpose. As to the ventilation of the roome of shouse, there is no doubt every room which




 go on thas subject $;$ ? ' $\because$ though it does, on my onn craft "The ma_r "uch roomg are now con




 inmates, that the joizer docs not more perfeotly complete his work : were be go to do, the chances are that
 an is if losing one's breath." Light is onig secondery to ventilation, and beink chasply come at
there is the lesa ran to mithbold it. Cominnued


 antlent phan, ntid th it the lomet becauso the mont


 Logland, a most admarable work, oomptrtes this at









 th rejul,
 form iny Workizs of theen, whath ithave not; there-

 wher $t$ may

## Farimers Clebs.

## 




## parseties, and by constantly sapint ${ }^{\text {and }}$









 readoriag the lasy leas wiry and on we
stocie fod on th.
Itolian Zye-grous isa varial

 ance of foliage, grows mueh taller, is mont
less indimad to spread on tha ETanwi

 it yelds early, bulky, nad quikik) anoce ota duration, I think it canotot vo atilad biendits, ard tho groatest produes to oblthe first year, There are many diferank opinian a the beat mronf is tho great and ingorenting in


## hress may bertain preferomea for soils desw what

a naturally inflaenceri, Thus it requiret of the crop and of the soil, Whath will eankle those uasatisfactory results that will fande which


 the oounties of Somerset in 1 I ToD.





 the Italian, and ulso all low quality Gatis wor is well knowa to sebdsmen atd larmers, wd
repreheaded by both, but practically stapor latter, who too oltan look to ike i $i^{+1}$, to the quality of the seod, and in I iat mos












merthen chastyr, aud too ciose to the rook to carry br be pe latd down to srantly depends urson The sed of the erop greatily tippends ur on in whinh sised for $\overline{6}$ ed, wathout auy sat mat ve benp applae to it, the plant


## 

n nter, the cum inion of the land w

sas, have the best seed, wt

 aher the land is intended to loy for two fresh asinfo $n$ see + slutd be plump, of a wirntade ant of a areentsh ant instoto tho hack, and of a ara ter 1 do int tank it is adrisahle to utel, except $t$ be the last crop before
as the preeds and Grass ripen as woll, iest seeds and filling tho land, lhereby fond uLh h would otherviso go low inds tho of the cultwated phant. It hank it a gond the i ant a good harrow, hir alter the wioter whid dealroy meny of the annal weeds nours I i mora the subject in your liards, and trus 1.4 a good discussion mey ariso. I liave only toncked - A fer of the ftading pinnts oultiveted for the supply alood for ont stook. The Clover crop, with its
 mut on by some othor momber of turs elub on some thay 0 Ocrazioc.

## Drscussios: <br> Twaking of Solinfofo, remarkel that ho hai 

> $3+$ hitif mown it:alang and would proIt thlght be argapod that Jtathan ma
Fio bal
$\qquad$ That whe
-ang mume Itation Clover


## T00




 ang it un ofed Itritan Rye-grass reed ha was particular in are thare thas soctually kn posaible. He did not thlnk, bow.







arite to doturing to the statomont sot forth in the gat of the Itallan sure-groes, rooolmpalon was that tit should not woiph an H quantit tio the shring $=$



$\qquad$





$\qquad$



buak illowed to rematn a yroper trase before


Way 5 pald the best in the end to keop the lased well nupjumed

## 3ncutcing

frorse and 3fan. By C S. March Phill jps, author of rimpprutence, "Se Longmans, Green, and Co. This little volume wrill bo suflicentiy trought under the nolice of oar realers by an extract from is preface
able to do gond sersee hy ititrodur na to

 hon Las cemrieed we hat they may he mave excedingly servieable in the education of ordinary horbes, and they are entirely unknown to, or neglected by, ondinary horsemen. I hare berelore forward manoer, \&s I find them laid down by M, Banuber hanself, and I have alzo stated the opinion Whils esperience has led me to form of their practical Lulity or woobessity, in the hope that better jitdpes may posibily be induced to give tuena an estaly arr triai
evi viman lintes it so thoronghly es as Eigarsh apnitsman. Tho fint is in my opmon, bughly credttable to the Frapl.sb inte, lect Practical mer are quite bud admirable as it may be, they have never net mith any speosmen that wis not qutuatiy useless or perniorous. And just es Evglish ghtatesmen dempine of foory of goyernment which jractically leads to sissery or to of equitation whiok practically disables its professors from ridins acrosf mumber lour concrasions. we say may be trie in thenry, hut they aro false $1 m$ practice and this tamliar plat titile is by no means so absurd th it sounds. Ita real meaning is: We do not thinic it
 possibly ba true

Bat I do not observe that, when Endishmen have once perceved the practical talue of a tleory, they are etther ucapable nr impatiemi of hes The kind of theory
 naits aspiamption unveribed by experment. Experiment is therefore our first demand Show us your resultz, wo kuy, and monstration And how fathifily
 man requires to be reminded
"I persuade myvelf that M. Bauoher's system is one which will stand this test. The siaple and ohrious method of manipulation by whech at mparts lightness and elasticity to the duli, or calmaess and docilty to the fretful horse, can be tried without the slightest difculty by any practised horseman, nor do 1 belieso that any pruct.sed horsernan who farry trtes it will deay lu eflicency That incther profess to be an arcomplashed master of tes resources, nor an umplent beltever in the magical propertics wimeh some of its admirers ascribe to it, will appear hereafter. But I am convinced that is elementary lessons mas be cmployed with perfec has no awkward tasca which be wishes to make a clever one,

Mr Pbill prapoes on to ray that he adds ore work
 been writtan by accomphshed hursemen

How cau sach a miac real ze the $d$ fficultices of a

Fore to sugrest that wo cannot do it, h
as if wo were complaman that wo catint lwen wering of squituta, it is very bidpula performing thene mar itar res all ma hfe, wad be them tuazabr or 1, Mil th




 reading.

## Eramples of Hodern Sipan, Atr and Gas zngimer of

 the nosf Approved Recen' Twpes, tir $13 y$ John 50 Plates, and shout 40 ) if oodutustraicd by abou Ten or eleven of the monthly parts of this elaborat atd tery complets work hare niready appenred, The steam-engine yletids nof ion material and considemble s steam-engine yieds now material and considerabies port on of the force used ar agroultare, that wo may fletest popsible aecount of the rarowis furms of engime detailed drawnga and spectications of tha best oxamples actually constracted

## Farm Memoranda.

 - Цincuest was limstied on tho lash any of July, duriog Bean otubbere worked down 11 acies of inour Bean etubbic. and worked down 11 acres of the poor clay fallow after letches, in Bow boin with White Siustard, biving the lather pieco eswt, of guano par acre. I tho manured atesut flowhed, and planted
With Rape Is ncres of Whest stubbe thas latter with Rape Is neres of Wheat stubbe o thas latter
46 actes being an sditton to the ordiagry ares of 46 actes being in sidition to the ordizary ares of
green erops. I had on the fils of Auguet, witing for Tan, 8s acres of Mustard, it) acres of Raje, 5i) acres of Turums. The min manm, and from the lenithy state of the land aflet the excessive dry uxht the clay-land mote erperialig. tie growth of Bu wha vry luxuriant.
By tho madde of september tion Mintard rmpured more shecp to eat it than I bud, al 19 I Euse tun of my nephbours as mucti as liey woind send meepg and



 datrosed sit kerio da remander at the wiater, lit ling on thif te early Cabluabes are reads
hou will perhaps nsik how, with ony 5 wires of Cabbages more then 1000 sheop wore manatoinod from July to the middle of Eeptember. The druft ewes Hero sold early in Eaptomber; the store enes and


 medd jur weak The ewenatais were porely butat up, and thoy ware kept on Clover chati, bran, malt disct, cotton-cake and imocod-coke. The ram and Fether lambs wenk to the Cublibsiges, getiong outy hald the usual allowanco and a matnture af dry fuod, fot the eve-lambse in a month, hawryer, we could seb thet
 Huatard whe rexdy, and the ewselember alyo were then prit to them. lis thes time we had learnt-and itat is a lessoth we ahall continue to act upon-that the lambe Were doiag better on a smuller quantity of Cabbages an $\ddagger$ more dry food thus they formerly did with as in teh Cabbages as they conld eat.
As it was mportant. wits a Fres to the next Wheat crop, that Ba! the fustard and the Rape Fitere Hangela should haso been, thould be eaten off in good I me. Wo kept atore onees and the tamb; on those felds plantol with Wheat.
The owes are now upon the grass-land, and only the limbs (5J0) upon Rape At firsi we lost sereral (tro unce mmon upan youts Rape, so we bled the whole lot nad reduced therr ni.owance of purchased food.
Thes bavo now no cake, tno natature beng for the lot daty -

5nt. Ibrnn, contitig
ewt, "Ground-nut meal

## Cas ajea Tris liam


My difliculty will be with cires and lambe at firet, the
 50 is winter Oats


Firi of this specles of antimal wild be speedlify pochern (if they cat longer be called so), poct the advocates of the measure to bink Ioult But thero are two facts worth wi will be reduced by poaching

## 






$\ldots A_{1}$ at be eit Elomi tw countprom xet

' $=1$ for the extravegant privilesen of
u- agingt the plain domanda of just ae sortso of the phole people.

- In your Norsich Merecury, Murch 3, 1809
 Curing the gut jeara. These wero tramfermed tnto



## $\underset{203}{208}$

 Witethinto tho quantitito of Boots bollod in thin dititar ponydderling the welight, would naturaily ko Whan if the modo of gothering tho Govarnmant tax
 and for this wory renom, the cultitrator bast to procentition as to the chiopsigy of the innd on
 on modowh anow land fruhly brought into cutitwaHe the had ylolde a very largoreturb as to tho weight


 Sr hiter prit of July And August, ta feed the contlo witb, ns
 There is be pold to find for paytio the duty. Great for this purpoces muthe be very healiliy
bo phanted far awny from other sor ba patatoa far awny from ofther borth ar 7 lithlestry on of prefer thu white \& 8 ,
 the quanility of the gricornd, tube binc unripo, which is duxe up whimet titll
 I18 inchea Phualsh; bumaller cuitivatury
 rown, ated 15 fnches in bouks (rdegea) rugar in thom. Tho giold is, of course licem where 150 swt . per Prusitan an Englikh acro) art povildored
$\qquad$





## Qumatat of gincatiots.

 -ar.0. I Yisy but it is liable to soffor from is cnits for maltitiz $\frac{\text { distrots, much }}{W}$ into be redutat in a fine thith, so into breird, and for this jurpuse than broak atine th hen sust ", tedately, and the lanl ruled if the
 In eral 1 he latter cantuot be prolittrefer tirythraley, gragls, \&a,



- wa) fmm tian midale to the
 profitable sabatitn Rot in in r. $\mathbf{n n}$ in catric wreantsan it. and aboust if buahel of speal pers



A. $\rightarrow$ hr


Drul as in ant month
Aprif ine is aiso sown throughout May, as direoted 隹 April, on poor Bandy and peaty soill adapted for íta
$\qquad$ Rape $1 s$ bown early, for sheep foed in July The preparation of the lond, manuring, and ceeding, are gimilar to Turnip cuttore it is generally somp in Fin 12 to 80 inches aparf, on the fat. Tha woll adapted for keary solls, and is very formouly grorn after paring and burning, not only for sheep, but for mowing for stasll or yurd-fed catile.


Afangel WWrsel sowing should be linished during the first, or at the latest the second, week in Moy. In wong the liquid-manure drill it must be borne $r_{i}$ in a as tide seasoni iuranc (s innre water pir arre repti row alan to bentten leal to And if thres prachem detala are observed, the crop sown the frat reel in Mey is often es soon rendy for the hoo as the previous sowing 1a Asril.
Foeralg of spring corn ts enenorally fintshed this month. Thistles now mako thas appearater un the r. us on land ithe is cultivited ton suallow I tatog Cabbages and Carrots regkire botb ! ree-hoeing and hand-hoaing and gil these orops require the oarth to be drawh well ap to the pinats in hand hoeing them Potatos grown in "lazy ous 3re earthed or with fhe month Benn and luns ruire mould ope with a double movidban
 as atanding foroge crops, require careful hand-hopis, blade of Gmas of anty kind boft in tho Tow
Graseiseeds - Sowitg after the dast joomen is preforrod by mavy to the comrte practace of laying down land to or sieds in poth casps beine rolled tr. When ihe
 ( mn of a wim, the or rrit both the soming of Gras

Thrref fot wen iry a large ared of every provinde

 ghift of oropptog, one- or the lakd is somually in I
years, howovor, is menergal
fiot, but in many coses :





 c. if ' i in a or a inwip-ribbed, an the phrise may finn ind tats lisprossod betore it is oress-ploaghed and the weadg mithered off. I' 18 mext plouglien longthways, herrowed, wad oarrfity weeded, and them














 lurn operationg in the jremarato on of tae land Iurn for






 for dary purposeas It hen outifor miling a lithle dry bay and meal mased with the Grass will obviato hsim. When folded, cows gre ouly allowed a short time on the meadows, ind

## Notices to Correspondents.

 owhor to edmisture with tranh of any kind, and that fas for pald, yous bhould not ba deterred by the price fruch purchsalng. Our manulacturers Brg as rood at squeckitg put the ofl as any are, and the forefgu monl in likely to bo tho zicher of the two

## RImPWAT $Z_{0} G_{0}$ Noat weok

Lay Hy II P P. The leat mothod of the orentilum io that to whlch tho shaphertis of the didtrict are necorstomed. In a matter whore thero fo appro local exponemee, the local rales advine in Euch A thing as a vetaripary surgeoth.
J.


 do be br proctical judgen, superlor to may other $\rightarrow$ bolise the boe
 bered, and tha satiro Mucbite otted and filimbed * - sumb Incontentably woporior to any dther Lamp Mowar manafuchurod.
 by the Motropolitan Bourd of frorks io ing out thetr Niet Pablle Fin, 4 I hava moonmantod joar Lawa Mopos to mony of my Athath
 of Groma', Hating bow four of youz Lawn Kowity $\mathbf{K}$, o constanh use on our groundth, and tre of thme having book th wort aror a your, I have soror liad cane to atrat thin oplotion of gom




PRLCES-NEW PATRATE EAAND MACHINE for LDE
 Glact AMAn Mod Bo

Equary Machluo Fartanted togita 5 J I Bmowir
Thitnas stroot,
\&
 Lt. JHy Matsid CARTA


## = 1 ther FRIFRA

## ITon Cluterne





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 acomary to trouble tho Pablio with a list of tho numeroun Tutimorials that thay have recelved from time to timo but would aimply add,

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TIIE CRTEFAL PALACE COMTAXYS GA\&DENE, BTDENEAM BUCKIMCHAM PALACE OARDENY MAKLEOROUOH1 IJUOSE

TEE IIYDE PARE GARDENS THE WIATRR PALAOE GARDENE, DUDLIN the dublin botanic oardens
TRE LJERHPOL RUTANIC GARDESS tMe heeds rolal park
the noll botaxieqander THE BOTAMC OARDRMR MA TEE SUNDERLAKD RAE THE 1RRETOA PARE

AND LN MOST OF THE PGLNCIPAL PARES, SQUARES, ETC., IN THE UNITED KINGDOM.

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The Patent Improvements recontly introduced guve Slunk's. Machine several important advantage 1,ossessed by re other Jaten Mower.
PATENT DOUBLE-EDGED SOLE PLATE, WIND GUARD, \&c., \&o. THE DNPRECEDENCFD S\&LE FOR 1RGB BEARS TESTIMONY HOW MUCH T日ESE ADVANTAGEG HAVE BEEN APPRETAME



HAND MACHINE.

of the
UNIVERSAL EXHDETVIME PARIS, 1867.

ALEXANDER SHANES AND SON, in premnting therr "PRICE LIST of LAWN MOWERS for 1869," have much saLisfuction in intimatug that amm th Escibitora of Lamn Moweta at the Unuperal Rxhibiton of 1867, they tre the only Firm to whom the Jury have awarded a Medal.
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IN HYDE PARK, IN FIGNORTA PARE, IN HATNERGZA PARK;
And in many hundrede of the priveipel Gerdens in the Kingdom, an well ait nbroad, where therr reerita have beet fully prosel and their auccess firmoly establiuhed.

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July 19th to gith 1869.
THE ROYAL HORTICLETURAL SOCLETX'S GRAND ETHIHTHON A MANCHESTEA SHOW of the ROYAL AORTOULTURA
 GARDERERS' CARONICLE ATP AGRICULTURAL OAZETTR for tha het COLLECTIUN of 5 FRUITS and \& VEOFTABLES



 muat bo of the hlhatifnts own growinpt and any artioit other tito


## Tht Gatientrs $\mathbb{C}$ thomicle.

SATCRDAY, MAY 8, 1869.

## 

No definite resolutions were edopted at the consultation between the Royal Ilerticultural society and the exhbitors, hold in reference to the question of reducing tho sazes of pots used for the grawth of Exifibition l'ants. Novertholess, we thiuk it may be farly gathered that the growers aro farourably disposed towards the roduction of the clazses for largo specmene, and towards the introducton of clasies for What may be deargnated " half erecimen "plants - that is, young progressive specimend, -which Fould neoessarily be shown in pots of more limited capacity than those genarally used at the present dny for stage plants. Our own opinion, as our reaclers are well ampere, is quite in favour of the adoption of stch a course. It ig, however, very important that, in carrying out any such changes due safoguards for maintaming the bigh character of the shows should be provided, and that the schedue modifications should be adopted with some fixsty of purpose, in order that growera may know whet to sot about, and may hare some assurance that theur labour may not, when the smaller specimens are forthcoming, bo rezdored mugatory by subsoquent alterations.
While adrocating revision in the direction above indicated, we must, at the same titne, deprecato all rash and revolutionary changom To improve the general etbect of our shows by any of the changes proposod, can scarcely bo hoped for, bat it 18 possible, without much affort, to ruin them naltogether. We hold it
to be utterly impracticable to do away enturely,
as some persons would appear 10 contemPlat+, with what aro cal orl "large apermens." Thoy are the ghory of the shums, and cambt, 60 far as flutrimig jlatats are concetthed, be Aspemand with on any cosinderaton The Clasiseg for these th lastur beltymets, may, huwever, bo curthasled in ratest with mach advatutase Cosmanally sa regurnts what ato called
 obsions to erers une hat the are greath serdono thas durector. '1a hessy j rizes foverit for

 Litel wath bittle tru ila, I Jund that atteldang therr remopal atid trapat, nfadow up a large oum, that might far better bo nppruprinted to more meritorious amal attractive subjucts. Thera seems in there matters to bo a strong tondoncy to rar to extrames. Formorly, before suoh plute wern regarderl ay fitted for exhibition furligans, the llazi if emiar, it wis thought, Wus racrpowaraby, rual maxt as mehow or others

 sowe of tie l'alman at dyeas- bul tmate and even Ferne, which threaten to elbow choicer nnd brighter-loohnts, 4 abyets oat of the shows. Whern the colun-foser was complained of, theme wis a waut fult, but it has been mat by pasang to the oppusite extreme of amportag heavy masses of acmbro green. This is the excrescence that just wow wants parreg down, and it must be done with a firm hand. Without adding to the expidditure, we have no doult that meanis anuy thus be forand for encouraging "half specimetas" in tho ramous classes of flowormg planta, and for istroducing largor groups (8ay $2 \boldsymbol{j}$ now ald $\mathbf{3 0}$ bereafter of plants of tuore varied character, and hatele +ither as to the kizo of the platit or of the pot (bjections have indeed been rameel to ary rexthitions as regards the fize of tho prots, but we think of limitatan 18 desirable at alf, the rentrets ia if the 4/a of the pots ik rimited to lm ranel, an it alfords tho
 mittemifin the suhe if virelas ice
Wo have always tathirt, argiced $1+$ fawo of the fatest. if "f in we plants" at exhucitions, and becauso wo now objoct to thene propondorance it must not be concluded that there is aby inconsistenay in our remarkil in refarance to this matter. Such plants are still necesalary. Wo would, howeker, urge that a score or to of nolle phate, well placed, would be more effective ly far tu exhibitions on the scale of thow usually seen about Jondons, than the long banks and huge masees that we now get ; and these might bo introduced without excluding a group here and there of the moro clegant and attractive of their cl iss. Thin s.ap of the matter 19 euggestive of the possibility that it mught be found to be a $\begin{gathered}\text { weef policy to dispense with a } \\ \text { a }\end{gathered}$ largo proportion of bulky folugo phants as objeots of ompetition, and to provide, by the more direct means of hiring or cultwating for the purpose, the comparatively limited number of "Btarors" whech, fiticionsly placed, would form the dressing or settins off of the displey -a fine l'slun here, a gramd i rat there, and no on It was this prisicuple, it will be romenbered, sa tastefully actod on by Mr Gibsox, which renderod the International Show of "fib so effective.
In the interests of all pittres it must, moroover, be urged, that whateser colise so adopted, the duflereut \& ctetics whet are concorned should antin concert, so that use body may not adopt egulations which ex llds selyecta admatted by others, for th.s Hould bo to lay a double burden on the shouldors of the exhbitors. Our adopted jointly by all the societies, and if thes be foundod an justice add efuty, we cunnot beleve that the oxhbitors wall rase any onnecessmry difficulties in the way of ato adoption.
We have from time to time in this Journal put upon record the resulta of the experiments which are being cartied out in reference to the growth of Crachosa in Livit. The oollection of the secds and plants in smoth Amenca, their transport to Inda, thicur ciltare in the Nugherries, in thestikitur Himaisya, and in Ceglon, are all points ot which we hisis hept our readers informed 'The publicatron of Mr How'smD's
 a ratuablu sulpat lient to h s preriosas magnuficent "Quinolopia," affords is aznother opportunty of adpertugg to this rery importinn
and reiterate hap premously expre－ted opuan that the Cinchoner oultivatod in India







 production of now bart by tho simp．New bark forms under such circumstacem rrepidly，and un
 Mr．McIvor＇e mind．

With the latter gentlema +1 notion was no
 pondent of whit the French botamiste






 ftre FTma＇if $f$ he alkulond．
W $+1:$ ：！！！ine mode in whioh the alkaloid iAforr Cl ＝aris，Mr．Howard atlides to
 mant uffntern ：


 of 1 thats，and rosalks in the elamiuntion oxyencis and the fixation of carbon；the other mantronted chielty，but not exturely，in the night． anel Ifi thome purtione of the filant not axpmand to the light．Now，M．Drealowe＇s experimente showed that by Farsing the condlttons ol＇growth $\rightarrow-$ elaboratiou

 trested by Mr．Mcilvor＇s procese is due to a timilar ropldcement of one form of reapiration by the other；in other worde，by making the forma dive anergy of the plant manifest itself in the production of alkaloide rather than in that of chl nophyll．
As to the particular part of the bark whioh is the ahiof noat of the lormation and depmit of the coreted ingredient，Mr．LOWARD is decidedly of opinion thet it is in the eeltular portion of the bark，not in the wood or bast－celle，that the altaloid exiots chiefly - a condusion that is si
 analogy，that it egems remarkable that 11 m com trary view could have been hald．
Another carions point esteblished by Mr． Howarl fur tho Ounchonas at least，is the groulual dinaluitan and obliteration of the lates duets wa the proportion of alkulvid incte

We may say in conolubion，that the wark Mr 1 Inwath is not unly ditertly velusble for tory and unam it kripa ay to thes chomical hile tory and mu romerparal n＇ruc therent the＂inahoma， 4）．w ug how jut itp a in ：r t i，hettreen pra＂e and Bol？it ？．． 1 to find







 ubtanavel than in the wurk already mentionoi．
$\Rightarrow W$ e have reatved the folloming additanal
 at 4 I I＇：ERGuctme









 Up ${ }^{\text {U }}$



## 


 furnishert with $a$ lisk of all purtictpators，whlth thitr travelikg earts，to ausblo them to mple smangomonts to orarney The direotora of the Alouish Fullway Company at Collogis hasre concerlod a roduction of bo per


The folloverig a Lue mattorg proposed to bo
aed at the BuTANIC，Cosoress to bo held at discussed at the
St．PgTengbubo

## 1 Cirmuation of the Eap whent -1,

## 

## i

1 ．．nunications are aloo mathounced
M．Wrumoses－On tho prodmotion of various lorma of Etiture of frult trese．Mr，ANDMEIT Mustity－On the Coniter
 On tha amoubt of water cabtentacy in the ftur，tha Fir，the the Etruchare shif piop at as of tuit wood of

 I Cabsat－Thn for sof Nuphar Whish tim nativo to tho oorth of Sweicr alid apland，it Welss－On Agive on the



 ＇r＇inamiptions and tharks funut on 1 foter

 ulture of Roasa at Bra Comte bobort，\＆
The Rusaian Soctety of Amatelirs of Horticulturo propose the lollowing questions＇－
What trocie of training（fromber ar．in if frit tran．

 necessity of publishang ：Fynonymy of planta，M． Horfyhen（Glesses）proproes the complution of a suale showing the rotictaco to feost of kreen and slurubs and whioh ghould at thif sane time serve an climato－ logical ohart，The Economis Sooiety of st Petarz－

 cattoru in the nouth of Rustig，The tratumplanting of Ereen ill

## 


 11 sins．the inuci on hater－weed（Fltudea oana account．In thatt conntiry，想 may be well itrat to ged is oven a more mosions peat tinn in Wogland but by Fay of compengatiots the Dutch make use of it st manure for Pokatos．

## Wo have receited hom M，Stelzw in，of Ghent

 well destrve the fery itheresting novel forms，whick of Gold and Blyer Perne is tmated one in this farmig
 sppestratice of intermodista！rase sut ins to wiod the evidence of hybytifetion



One of tho most striking is that slisd GIG ANTEA，a riblly－powdered 2 ariety of panarkably broad leafy pingules Targe me a extremely vaiuable decorative ths ferns are prized．Another ta $G$ ，prant whe CR1sTaTa，a vartety whicis hat the traza Mase habit as the former，but with shine man he somewhat nocrower frouds．Minulith to $r \ldots$ of Gold Feras－G．Parsontio of the here we seem to have a firely ons by growth，and as freo in habititas a fata
 parsely potydored，but very di－i：an brodily fingered，and the pionut－a： a tendericy to dialatation whech thomit mid
parneme erested which were may probably live then futare oceablou

## Nen Planta．

STRUTHOOTBRIA OBTRNTALIS，Foom Fil．iv， 161
Fouds ginata，not docreacent at tlas bow


This fino hathe geshes，
Tom Japan by Mr hand bardy Fero to Ascot we trat sum it fruchifing soem to be of a pale gregn oolour， aspect of its sterle frenurs it nearly tho Amoribanded．rite－tued orpe about a foot aud a hall bigh，and a fool pecularly slurt as oampared withe th
 are very stout，crewt，in HI： convex，slossy，darte ohe the epeationous figured en the fortile pinta and tatil ontize，but in the Japan plat merfectly aistin． Yanica，whioh a

## ereat fronds nad li．．．

## 

liuate Tt infertin）
vibilect．onn of collurat 1 it the

Follus lineari－Higulutis aploo mmaryintila rotion


cunuato dtutata antuto lobalaza，canin

Thos apectes was compareí ly bux b
Ttus apectes tas campare
nearer to Fanda lat 24 abs
wild and as grown
ago．The Howeyalioh
racome of very prit
hale as large as ande $u^{2} t$ in oura reverse，the gide lobes of the It one cumente fiabellate bilopod Fith soms ridger OFer the and acute，nearly 絡logg er The stede lobed of the lip are fri
Ti ere is what was intantion II ere in is Irriflitu＇s work afove otre

 Falta 1111

## $+1$



bruters，vis）mita ambit， bue Vanda，quite difieront extromely satisioed ho he laya cuota Nureor
plant Irom the luoky

## THE B WRET WHLAX

OF all the Iowers thet wit or pleagure，none hava hela ably，or relnined shatir ＇Hogg＇Treativ
 such oharming flowert，and oemed to bo to encoursze hion Fortu ind that［n3．13
re all deodedly within t
1．rist linwors，and no imer at an the
There is，however，one mow fanily that the flomst does
forit that cut
（0）
$\qquad$

， 10．The

$\stackrel{r}{\square}$ －

，ur

$\qquad$

In quat an 111 wont - il ballad, is nhach

## 

## 

## -t=1at


(x) + t wo It be It mes lo it


 and 2um irs bemut $f$ aly tlended
 ciar an it inpirts tu liavo t.ao licano ar us






 In $t+1 t, w r$ ruliter innther face, and tiae

 F: 1 br uli b ossoms as would heve dons die linat pr fenssustal, f no part of the brown thr ciarnha safveli ast frefahn and as a buck a gay fal |l of awpet limwers.



 of a ras as notlion in shoret of posise nows


 cort and tha rmusts and a eys, wbare foverty 18

 irt j. fiv tu he laea led "frat atrinne The Listher with it a humble donkes
 niss * gariat waits tha, to bo sulliled I the t ma whimn tha surplestable

 tamanas of farta are arown for haskers bow, ta 3 am bandit of the tr ree phrlies theren con. van alh the frorne grower, and the beng to the better chat of ruisera, and do not
 Wh thole thing \& fute a luxary, ind rie must 4) the fded of makis the juor mans a home tay oing daren bubs firmed
 Tilliems ju fusl frower, and anmarondy ireated wheh care as if they bad boon choice l'ulardeorerte hall do doubt for the harker, as ms: $\pm$ the like, and where torrages of bor denoing is fit up, zothing din bere more gaver of bloom have
 mast indeed; for if wa take then pot at $1 d_{\text {n }}$ and 8. past and zoil her if farilunge the the gomer and and - Mose in mate a handsome profit if they can Ret

 heor bis a patoh of sarce \& remark that where modinga, and the garden pround he can prow an that of one pint of beer peed thil not be Thy frot a fior otait of beer, for which small

 of her flowerg arg doing therden for cut flowers, the work frymuending the a exotic honoura, the riand arze arcuendy fal a to tho lot or hardy atit of the of changeable jn thicur relours. There


 nis of the poor in in taying for the mindow $s \cdot \vec{j}$ Ihrcyth.

6TगTA1C $4[$. IHRAWING -NO. V゙III
given in mif frimer communamans, t, ef 5, in I, I hope, induce tac lientinner adsuly an flower drawing st he
uit.er gursust. Then by dite of , he mas berome qualified even to imer from the herbarnum- an efort fismerit, and call forth al his and adjustmbnt
the y uesirable (as Fome by thrit norky ev dence that $t$ insing been made from a matar als an fint that in drationss atiag, though she acuto botamoal critio
mould not besitate to whom he should mward oredit
 tak, but cirid spenis ons is merty stermest, afal by detwir ies made from andity to the bejul wed nu a merm 1 erankentronam from theric mould 1


 not allute to the artisice tre, ne, to of wil that they are aspeptite, but ratrer to the oreheras shading
crinre tu bo prof ortionalo weateral anil the shades rilite frapar, nuid vamous effecte of light and stade on

 nay be ny 18 a or dark for gatits the latter cang the tone In mercily botanal ilrawinga the fante of the arint
 Miven, and in minath cilses alt the Alladine neceasary la
 parency of be sit rested an if npaque. The trametranskluernesy of the leaves should never to thompt the As a trinem ruc an sthat 12 naver bo athompted. As LEMEM, ric in Slla. I' with penoil or with
 to suproly that lase of antus, out ur byid any atlenpt
 trarte of tahour ngid concey lent y in bsid tanto a lieelexg naxier landr nad consequient y in bai tanto. 1 zmake

In mains the lead veriml it is of troursia newedenty to modume the effect peran it is of murse berpssary to produng the eflect of shiside by a peries of hatclies, and



 proceeding mo this manner, as the live answor a double purpose, and impart both shade and textures. In the shadow of one leat on anolther (an effed which should alwbss be rendered in a coloured or haghlyeshuded draw.rg) the lues may be hatelecd, as it is techarally terned, e. orosed dingonaly. In luyers tao toleches shutild blend with the Fisible or supprosititoun vonation for the shad, big, hwewer firely dons, if the ines be mot systematilaly arranged, mall becer give the preper eftect of xhading To arake the liuss of the aladion harmonase with the sebotion may apparar a very ans:ple thing, but if the reader will test his akill 12 that respect, I venture to prediot that he will dispover it to be one of she mosi difticult exercues of the pene.l.


Stemes or any oylindrioal portions of plants, ahould
 a rrfiected light fhould be left an the aladed side, this Will auggast that a section would be crecuar, but were the rłacing decpest noar the outhine of the suem, I have heard it rumarked that relfeoted lights are ati Hrtiolic refinemont in betanical dramige for celemtufi, purposes, buts it 19 cortandy effectise and natursl a artistialay safely gue the paruer un ubleb he draw arme credit for jellection. $H^{[p a} \boldsymbol{H} F_{i}(c)$

BEDDING PLANTS GROWN AT CHISTICK 1sint.

111 icates $Z_{\text {viatic }}$ coniturkeu)
 - True Mompayd.




## Fhotroue growth wil: An In  <br> $\qquad$ cact  4...        A kitron duth toway ntack   Grman Modorntely vifuritht lenten with dull mone    <br>  <br> Min a [it:1

7 Fintarmation of en-ntrel-

 Saron de strel. Dwar ani mompeot, letvon dertanoed Rumeroms , ind
 te ta mate.

## 






## ad larie trusaid of in duras and

## of Sirathatort. OI rigoruas sproadting lubith, wht

## 

markod mith a modium zapo, nind deup mosy tiowers,

Dwehes. Curnpmet in babst, Jesvaifainliy zomed: flomaria holut.



 Of modernte growth, wilh iall znno







Carte mith Green Hargin and Watbled Din
Sen $R \quad$ I
 lay mes mariglo
fiower it fat
 tewhari igoruns habit, leaves maatblod, with dark



## 




 B. It $y$






 in 1 IGOs

 Auwera driop sed.
lat olven in 1 sod
 spolims tu thon therwill tenth of the glized window pue them to the top of the bottom sash of the Girdod remo The nudgr manbes are capable of being sird



 the planty and runs in pooms where enct ", "A
 atteohed to tue mindof treo to move et ! ."ser is umportme thit the ventilation of the is shaterna


 much, or the ving room too lititle ant, unless the one is rendered quite indepeadeut or she ower. t, the, , guarded aspansti, nothang can sda more fif var lion-


## 



 I Ateriog in a urost it it 1 in the enjogneat of andto the health sad beauty of the plapte. Supposing, instas health sind berden j - furtished with tender, or instunce, such m, garden ?
 und axvess of when 1re nit in in mit rited arean. On the other band it it in not heated, heat of the room oold, theow up the wiadon, will proserve the plants from frodk. B.t inom tik. mis.
 ndow, and preserve your plasts fromit $A \cdot(u+b)$, ins $2 \cdot 0$ luble preak fast of coot and dust. The window war +i" glaxad ever to olosely, must never induce 1....nt 1...Paner m.th 11 . Window. This saner turnar of
 niss it if it noent from them with the



 and it us almoat the ou, y ual ly of fianta bhat, anat: bo dereloped in thow manduw garul
It woald therefore seam ouperfitous to enumernte ligts of plant ? atable for cutivation in Itunh alifuchures toong tond I lante few could be more suttable than the hardier Caladzume, Begonitas, Ferns, and Moase Amid curious plants there are the Cacti, Molina ail th rarious rices of bugculentas. For the geners run such gardons there are the Pelargonums of all
 the" yesr Then tlere are the fuobsias, of which atmon the xame puckit twe on I, with Petudia




ananos of the sear tro white hiat if teats. Falita, whether gruwn fir finazo or $\mathbf{A}$,wers, in the well-ghasd littion house Aohimence, hain wio , matraras and all such plents pil inn ina flower in summer, and give tha lower lazif of the


 plant may be found in thesa windiom suripra a 1 confesg that I look upon the rough borea ot the poor
 poor to bring motur framernt of tan henaly, purtis and fresbness of the ramitry to brialiten al thin
 which no many of them are doomed to $\mathrm{d} \mathrm{x} \cdot \mathrm{I}$. I had tha privilent of gein fur th was both-of faiting some of tue wornt parts of (, ingow in company with a cit manionary, and ifund the hove of asorers as proved hy thei? pemenalon, to bo almot univarsal aming the












 Thite wo gratafuly note hom inurh chaver sin 1 buris hea, alagoo bat be atrare llat

 cultiretiog ach of their home at home is surat in cultivating, and mott of thoir abort ho.ifaye in collechigg toward for the window garden. The fol is eif sapplo of corer-hunsiag in whioh I ahared given as a fir illustation of the meatur used to

 Glasgow friend -avery window in whel ticular about providan, belors ithert largo pocket-hindikerctiefors and a streeta than the reason of sul

## 

 fished out of the poont He lhing like it, before, and it hs the mindow and expanded two
We also huted for Moners is thret and ends to set off the "ither llowe "i. I, "' Somo five Dasies, Buchatont


 n li x lamn in r . ratio of tho
 I grow year- ago in the suld hone at (ajur
 handkerobief.
roomed to change hands durime the $\mathrm{m}^{2}$. garden to the hendkerchiel But the ometumes med with tre er mid bas riay in mor













 ntala wr few .t.





 "Oh you little dauty ? "* widerase OL Everd frow tiny tpa, and open the ol less tea-pos were in ic kant sha and no boonernare 14 . dndyn. treagin fhat roomi in the 3 hear oity of Glasgon, चhas transfo ofty of Glaggorf, thas transfor representation of the thora of I colt a a E thering lump in my subdued my areving for ten
ha ry hlan any the When all

 every day 1 War to renow Finder gerdeng on the mor bold faos upon it, and began to of the winduna the the ring ho the ringag near or nety brity wib to hontor, lasd-lonking bits, is I 10 l. 1 as rid, or reparenoed at had been garried früII the Burnin thet been broaght from blat of 品 Hill, and that lifte platiden of blan

## tront thits

## bad

thry ins bust be fory

## The 'st 112


done ainco over hit 3
never ${ }^{6}$ lookit ssa preth
RTery viadon garde


## Tomt Cortgponachure.


$\qquad$
 lift








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 2.
 -4 be or a :




 -, Lhome who =an =


 ne nethes




 rill five new flower, akrot. Ih his maing of








 con trera


 Toubtims is ary snt fontld drinle from an in 4wether a a a ant Irite for drooping. Durjoz


## 




Will be enisanced by being ehermingty set tup end of in pensebla to all who grow, pather, or + wo in hern

Feaches if ectaragel, and Apracote on 0pne will 1 iear $a$ stanal complamt on all endean A sprms.
 s
$R^{\prime} \mathrm{c}$







 Tra Mrosotis disoliborn, ivi a sank lime in fower for the last two monthe, $n_{i}=1 \mathrm{n}^{\mathrm{r}}$ a rarierated with thas plant intormaned, $y^{\prime}$ ir i ir the iv rír fimpta whike and
 $\because$ irla $\rightarrow$ is tho weathor, whon henghtened by the conrrat: ! :





 Terra Cotta Statues-1raj mel ${ }^{1}$













ther rom tb ts oortaing the bet that my even bave
P? them $1 \rightarrow$ prtar $\therefore \therefore \cdots \cdots=1$

 Tr:
 Un, Some of your $r=x=$,





 aint plice the rreat majorty of yrowery wodil wat





 wivt is is ruphiod lasgel for purposes of of sumbion, what olenl) manitest from the number of subsidatary bronncles rooting part away rom tha
 An plump is luy ensiest and best grown of tho Who knom jitite of orobia prices, that at
 Cen eulture, and how rutly appreciated sound advice nid hus extreme delight in the Orctid fanily (he was pp at $50^{\circ}$ clock in the morniag duribg my risit, as my time wis inmited, to have a cuat), 1 am rers preased to Enlentor Mr James ir telb. The first thing for all to


 for purposescol root sivd pseudobalb supply, ns nearl
theme, Tertically, as possible, and above nid beyond nill, , d.nti *: 'm. $\quad$ add droughta a thimg that will be
 in ir i, ipeners Chronicle (p. 411), of the minter - ona poinit not clear, viz., are the Tulip, do, which are is in in such smail pows, th tod out or plunged in th. flower marden? It see ? thiso :




 114 the decoration of the beds in the 'PriDa garden at
 light Eoil, they romaiv thus covered until thay Im. to grow-probably until Jenuary They are i if
 betp ime in thet $n$ an


 ir it re paper bags is imparted. Now, twoo as billiant as in thase plantan in oo, and the apilise of bloom are ssfing as by I have over


 half of the finet, niexatof hos arlet
 the bears of the other bist there in cFowing ficmin



Spring in Devonghire - We bavene mivey ir erz progress. The various kinds of Dilac and Critoreat




 $\because$ Pare and nther fruits atoo pr=




 almost no public sinounqcement;



## 


if: nn with Mr Thorason's idea, thast the front
at atitepdiag to than the rear rank, it has
 intut, with mat my oppaigutigg - that is a fair quantion for argis ment, but my oppount is conspimotuly quitet upon yonting
 feeding tablen wero to bo horizontal in ithet, my whole arexs-




 - all labourlag so promote. The only thing I dry ho hoped that la eatmer momenta ho will reeonslder hL

## Poreikn Correspondence.

Gamprning Notas fiom Ruggi vift rburg En m $n$ 'at I L. 14 seen of the Russtan capital

 Fhole reabe 1 should pay is hat not exceeded an


 three monthe, Thesafogs aro not so dense, however is thase you hove in London sometimensen now Think






 are it good many shops of this especially thara seatry here are particularly fond of hering thei
in motion, to show thair tuses sad the w Which illustrates the mode of proming fruit trees, and contains hetides somy har models, comprasing the Firionts Fin berrips, da. A great number of the museum are of course hhown in elas ar are generaliy mugh too doop. T



 l'he direotors of the Nome $\ldots, \ldots$ Antermaikiand Exhibition, tot .盾 to comprise alj kinds: evar relates to their in : over ange birds,
popular and int
The Batenic






 1) , rr

The different planthouses sh order. Those occupied min,

Buatiful, but unforturately the weather
in ron epatous I bave seen, but it 1 not Nonsin ajything worth particular notice by
oof the nionth, or even before Juae or July. of the month, or aven before Juas or Jaly. $=1.118$ admitted without 8pecilal dphents told sud concalas only a limited
 - homorer that a Rood fow of these houses

 Cuiled Tree Fornys of hrving trunks, what Tiit mia so to deseribe them, from Find fronds about 6 feat lonk so that
 = 1 fet thok and from 3 to to feet hifg $=1$ bbotita dozen young fronds are shootise, ould thint that in the course of a monts of till tho Tree Porms, is one whioh 12 soy 1nformation; the stem is fully 7 feas inochee in diamoter. It has been nursed ma, and ig at preseent bound up with a little of them are zanrly 8 feot lavg.
=vetice from Van Diemen's watice from Van Diomien's Land In. Ans thives ligh, and fronds from In. . ves these largo ndid beatutfully $\therefore$ nisches or shelves near the glens all
 3 phati, rom 3 zo 7 fort 1 tin


 Another lerge and besutifut Cytand is called - Ia Pearoflskiana (Regel), thic plint has about Perotathy, formerty drector of this garden,
to be thin only one of the to be thic only one of the Find in Europe. ropolutat has 2 stom fully 6 feet high, and 9 foet in Jimmiter.
you nre atrow Moquaintod with an Ivy Pow no namm Hedere Helix var, denthtia about 6 nuches 10
 $\therefore$. The bast Hederas in cultrvation rthera which doserve mention-
ndedera Holiz var. maculats, distinot in outine and slightly H. t rar. Wagnerrana is a finc laske

## a mrote you the the dark "n

- a 1 yourthong for dio Thape hul In aum betten ablo to formin an iden of their 1.1 before are heing arranged as st.ves 1 ,r Ton of pints which it fe intended - Opening of the Exhbthion which will, thelf

 P) We Exhubtion sod lae fient hotape
* tumber of portanen arn buws arranis mis anch will be land ollt an gardy -
 at lise deagna ran bc to teco done yet $a^{2} \times$ rets lishers lontty been eot to recently, 1 , $1,{ }_{2}+1$ i 1 ely there will be
- id have been a mrent adrantege ifthe ita 10 or 15 leat higher. However, I i: f paraly be forma exh, tion of flowera nud for 8 or 10 diy and the 1 ave has been throtion. I'Le weather at present in think this 3 nat the navistion will from England nis si sther countries milth

Hirtaugat
Antimberar, Natach-The Great want in this
 phing for males upon miles, not or tryines, bat Then Jor miles upon miles, not a them it to be
 thenthe at it hats indeed all acung the coast to mithtwoody is sombtimes very bmeut. ful indeed. thid with the game shelter woll ther have at home कathlen and do in the open. The Hy frimand enaremoreh care end coltivition. They will not do
to tate care and cultivetion. They will not do

the open "beldt" or commou, and to break up and got banks, Oak Ash. Film, Furze, Poplar (gil Englat Blue Gum Willon and Watrle (Anasialian);
in good bearing with the Waluut and Thasel oloso by

 20-424
 in an almost hopeless atate of 1080 ....; ?


## Societies.

12: 11. BTICULTUEAL May s.-Jemes Buteman Fi Fis - in the ohsiza . At the sonalusion of the






 the ir in if the" lat lection of Nereiss in en in get at great number of speoles in formor at In. me time in consequence of the flowering perinds of the difirrant spyecess oxtording orer a considerable time. He then informed the meeting that it had beon decided to open the competitron at the next
 It isuay wowt Lés.- April, 1870. Ho further gtated, Chat Then the prize wis frat offered it was not intonded that gardon variobtes should bo admittod into compothtion, but only troe spectea; but it whe now deoided
that all marked varietios should be tualuded, nad that in ald be left at the option of the jud ges to disqualify

viled Nasclatus billorus, though it wea dot blwars two. how end - 114 some inntanosen ho had found five fown the plant ine only a ningle hower it appeared never to produre ovules. Ho then alluded to the new form of Coloor* cal. 'tal at the Floral Committeo. Mr.


 possessed muky

## A platroides wern cimart :







 thoma, a cosumoal 1 avis, frem then-1, was them exhibited. Mr. Borkeley then repeate tiomm toon made at ormer treetiags, rect mang the rrowt. of rrumes; and with raterence to the mildew on 1 ...ic vith the Hop end Vine Fungus, bot lit
 the alataten of the liap. Some lowers of the common Beohecte? 13atton (Lyohnis dopical), in Whech the

 1 lant, Alluding to the zlvertised nosirumis 1 , ins
 ti at theng wore in eome canemedinclous. But ir
 in germituitug, producod fine inmente penafriting theoe aporturth The bosi renimy

shown mith Dumerous excresoences upon its mitase in
the same charnoter as those si, ufleri ween on the ocartos
 tir thete eth hem, an in oun town nfarmel tor menctige thal thin band whif ar at the groles in
Boion tific Commutioe May s.-Dr Thomson, F.R.S
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## Barden operations

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 IARDY FLON地 GARDEN

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## SUTTONS' <br> (EAROITY FARM SEEDS, W5 MD TOADLLTEILATER,

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Ent productra gnd bent iheped Purplotoppat Price Is. per Ib.

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## StTIUNS

roved varieties of turnips
fTT, PLESENT SOWING.
Kif S' $^{\prime}$ PONCOLNSHIRE-RED PARAGON.
to PGM上RANIAY WHITE GLOBE
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## 8ER <br>  <br> ARMER'S YEAR BOOK

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$\mathrm{B}^{4 T R}$ and $\begin{gathered}\text { KEST of ENGLAND SOCIETY }\end{gathered}$










A Leeture, "(\%) the rescitis or CBEMICAL ING ESTItATJONS mad duribg the PAST YEAR," -11. be delt, verad by Dr Fohicherb on yoNDAY
 12. Haberay Square W

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## YANCIESTEA MEETING, 1 ECD.

ESTRIES of HORSNA CATTLI SILEEP, PAOA, IBUTTER, And CHEFRM CLUSE on Jl \& E t, and hat Cortibetw crolred after that date will be returaed
I. M. JENKISA, Soctutr

12, Italuryer Bquiren Lendon, w
The Igricultural Gatette.
SATURDAY, MAY 8, 1869,

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Is the courso of the recent Election Addroses ore candidate, in speaking of the Irish Question, reficred to the Jasid topice as ono too leng thy and comphicate for the popular treatment necessary on stech sin oconsion, and intimatad his purpono of entarng into it in fuller detail on mome morto suitable ocossion. We look upon all hand mubjeoty as our own; and we phall be gitad to see tho promise carried into effiect.
It would be idle to attempt to hide from ourselves the fact that after the settlement of what is called the 'Iriah Ohurch question,'- (not vary accurately; for, Establughent and Endowment are not the Chareh, bat its official clothing, and habilimenta, ) that after this, must come the Land question: and it has arready long become the fashion to say that thin will prove the more diffcolt queation of the two.
Very litely. But difficult or nof, it zaust be met. For, what alteruative in there? If there be evil to be remedied, or error to be amended, it must be domen England camnot afford, yest after year, to

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in the person of that close-madjoining ooutotry whose relation with it must, like that of a wife, be either a vital element of national atrength, or an essantial weaknese, a 'Thorn in the lesk,' close, constant, and besetting. It is not really an question of Party: be it Whig or Tory, Conseryative or Liberat, it is a matter that mast be dealt with. It camot be done in a passion. It can only be dealt with by the most judicial treatment. In the present day, natonel justice eannot be denied, or deforred: and if it could, the Government of this country is not one that would deny, or deley the remedy of a proved wrong. We ehould not permit either in our own case; ; we murf not in the case of our fellow sobjeots.
liat there is one great diffenence betwen the Chareh and the Lapd Questions and it is this: that whereas in the formor case wo aro satsfied with the institution which we ourselves enjoy, and erred perhaps only in trying to force the cap that fits our hoad, ripon anether skull of widely duferent shape and size $-1 n$ tho latter case, we beveasyotem at home which is oondamned by-we might ulmost go the lougth of saying-overy one who his taken the tronble to understand it Indeed, if we were asked what one thing is leth for an Englishman to complatin of what one



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## Foreign Correspondence.

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## Bocieties.











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 and rather frosty which sligaty a affecta come of the
 frost- may be triblis, we wat woine serinis leark
 wher da earl or than wo remetuber to bave eeen any befure. The 1 tiesta penerally are liokiths wel., there are a fess exee tions Lut, regarded an a wliole, wo lave the prospect of an abuodant crop of striw; ; beyond th s if would be folly to sjeccilate, we majy, or we may not,
 eqper al y whare the plunt < it 8,1 arass ind atroms In

 ture Our fen soils neg kas prejucicia $y$ afteched by

 rasages of wresorms, ara plavima wel, prid
 1 +xuraint atpearasee, 820 sh the weather cont 1110 warm anl arowing Uar great moeny to the Gat erop
 tats rearcued that giayn when hheor ravages chase, we catr

 abun tant as we snomplimies *e日 hivem A larger agreage of l'gas thatu usisul has heansowin ip emsumpenee of the Talum of the aneda now nt present tee wrop is
 and frozat the nbugtun of in est are and the warm tomperature, af atas thely to phant well. th o hate



manurt, and last auturtin sowed misu abont 50 acres of Whest in thas same wey fond, judgiag from preseat appenrances, elionikd say with great anceaso. The pracconsiderably during the last fen 3 bars, and with mosi satisfactory resuis
THio litie we the er oceas otung suctia raynd prowth of arase, con med with the present and proabo future self, and the demand appears atmost to exceed tho
 shou d the rastures cenunue to (io fresh as atle to sell
 lead These hase becs bept nit raku snd strat all the early part of the winter, ahid latery nime have had a Mangell. The quallty of our new straw whe nuusualify geod havisg grown and been harvested un auct trapical wanther. Gelserally we litha sa much b ght and mil
 pror food for cuttie. A pord urop of theat wat sear exerting its leg tumate miluerite upati its sai is and cisbrter less than we conmencet. Wo need semeroy say soculs aro a poor plant. Many were resounn, a few successfully, bint a great many far othersise, fience , we


## Che Z Joultry Yary.

Econosy li Feedirg Cuchyts Thog Hhokepp ohickena know very well that if ail the loed trat from kevp DE them 3 very sunall, It is true that at an 1 gardeu requ re that they should be shut up,
 yet tho amount of feed wiseth they can prek up 19 but smail And yet our experienco lents us to believe that ine cmef adrantate arts th from koepme chackens I es in their attongas save-alls, Wfe lave therefore tuipted certan rules which are in a measure baved upon this dea, and we tind hat just so far as we dopart from theat yust so much do we dos. Jurarg w inter and the
 feed and not vemar very degtruch.re. With the exseptıon of a few oud favourite liens kept fre breeding, we keoy b to feu bens overwinter lhirms eary yumucer,
 fall, arid furnioli a koul suyply of exgs when prices are bigh. by the nas alik of October we proceed to fathan

 casioy d gexted auI easily phikerd up ford just botore hepy go to foxal fir tion hat Tha enables theta th bris are at rext and thiey mako up to the mores.ag strong sn, hungry and payer for lorage. They thengo to morz is if they has to depead upor there own exertying for a bing ln tha Fay thay frek ap enorus to. se on, while al the food that we cise them
 sendla them to bed. It wotl 1 bo easy to fill a voluma with arg 2 ments in fapour of the prow tive, but it is unnecessary look at the plump littee janl wlut has pone to mont in the shaiter of a heap of brish He in pone to mast in tho sthaler of a heap of orasi He exce.tent, as you witl yery lisely find of you fry yout hand at conpturang ham, and yet hie goes w bed every hagd watherang aum, and yis crop lizerally atufed moesth gran. Ads wild sumals that we kue w shy ithorg of go to bed Fith

 hinvo no desire to fstlont sfatu to the ex rawn of the Fent We never find illat l.vera femiriz interferes with the anymg of young barda and , bockenis that entor upon winter in grond rondhort-they requ re sexa food, and come out better in fyring lhan those thas are Inted Moreover, we mash anknowaedge that ate thoakh we have heard ginmive accoants of the it pray to fatten cliokons in wlose coops,-Albaty Culfinator.
Assisting Chuckens unt of the Shell, -I have reed with andin interest the poultry ardictes 10 your loper for oras tumn jast, lats week 8 aritale conluins heme maratareg to bo mucemper "That it in likoly to bo and may bo oo, I smo mare from this fook Aboult
 monith ay sp ayrig a benclethm, as tho usal DL days
 To hen, wok out hitly alf we tMgs sume were gomg
 the sha. Lempong at the thenowl that, so bs to leave




 others are strong and kod thy. Oa ef former oobision Ahastad two or thred chatikn Nat of tholl amels. your correapobdents I lost averal of the ohtairens of due eigerberer, bepr ry doal of direruce Tre jext her sel was put on burd nad the hay nest formiad of at Tha egiss for the three hat days of tix
 famher I generaty fet to coac with than thace that Mesi, the the pord The the hay and efos placou oll the boards. a a O.
 our Journal of February 27, on the oinnacy of the
 hat evidently Rood remady About io dajs siace I liad a favourite IDorkum hea very ath, 期e coufined Lerself to the fow -house for four daya, rafuang al food. Sial hau wated preally, her cyachaticos were
 prece of tobaceo suto os hard bull about the size of large Spamikt nub, and forved it down her throat, in about lour hours ste let't the bouse and mopyshly atsocisted with the rest of the fow ls On the fulturing morning bise touk hor loud in oosmben w, hit the resh and by mglat moumed atiite convalescanti ghe cximmented to tay agald "recourie ta the "quad of tolucco." if $\alpha$

## Miscellaneous.

Smigration,-The class of people st home thet would most immodistaly bepelt themselves by omigratag to Canada are the arrscultural labourers. I uever beld ont a bope st by goink to canada they wouk ens then
 conmmina thore of tas necessitis ancurnar3, nit even
 owners, ingtesed of berng tie mere tasers of that ind
 noma under rij onf oosprvat on the the cupter originasy its their owa purthon, fat maw the on cuplend or owners of well- , earec-up arm- 2abran

 that the dajurity of our now wenl-to-do fiarmeers came to thas vountry wath Jutle or ma mopas. Oitan they
 ith frarrise, and persevering industry, ther gradiall wonde

Another strong mdnement Conada hodis out to contact with the koife of the reajang-machine. Lard Lius clase is in the fair hex affirt I b, bega and
 country, and by legreas beworne preparet it coti-
 bappy mothere of farm.ties lisuve I seen in thas far l'ro-
 chalsten, wis, had t oy remm ned becolinipe thy wisme of farou labourct
 erusgle hard fre the barest means of filysical ex, it pro-amsently tho ocuntry for the poor mun, who posenes lige the qual.fications, wheadt, and strengh, prosrege, althouzts he malititarrive among us withou a peuny Taie exper ence of holusands whe contro 1t, statement But, tmest hever be forgotten and oxers se of the chalth ex beforo tawtitwion, ass! that

 ns they oupat to do I'rofeseor George Bucklant in the "Ontario Farmer
Mr Siuth of Woolston, on the Drainage of Grazsof krass-land, conk+bls of two dustuct qualilues of EDIl The ralley land si mxed gravel and clay I hare generally called it lipht land, it is, howavar, by no it alwas y licelled thres tarses to Jend y ver) faeaty lay - (on grass-lend hereabouts the

 fummer On arabae ar at, that whacle was drianed lad the ndvantake. fins greatly so in all cases in theo Wheat ercep, to the extent is more thath a juarter per ful, wherems alf the crops on thend land were than on the gre retid, and notheng ake so bulky when cut, fet toy risened well The eflent of dramape upon the Hean : rop was very perepptide, for on the undraned lands they bursit 11 ; wery carly in the burn up 30 ores orit tio wed dra.ned land dry dat deoply culuraled Jand stiey atood out to the last 10 days befura harrest. aud I had the honour of harang the result of dramesengis deep stean cullitation can, lowever, give you ono anstance of dranage laving
 meadow that foods in the winter, and had always been mown. It as athuled hulf a mite above thts mill; ; and as soon as the mull whe puited down, th s meadow give Lad is 1 ar ir $F$ are yeurly, and it conturde 1 to do Water to ta - lif zil. At atood at befcre the mi If was moved, ashis het. tho meadors at once returied to its ancrease s frod in wencti, and it lis continued so evor aplatidsare atll well dransied, nithonglit in, so that the
 my fand ly steann-pormer belge - The deep stirring of ny and cy stean-power bas enabled it to mithstand tuen droustit wetter than blallow horse-worked laud They were plapled ot cearly slizown tr my bean crop. bouring horse-firmer the anme tume that the naighfirst and sept first rimey pland theirs, yot thes came up frst and sepl first They akood á feet high, and wer erked las and kept green longer than those on horese mires hind and were much the best crop in tho Eacintburhood. Jowrall of the Royal Agriculturat

## calentar pf operationts.

## 

日prnte are תotr transplanted, but th.s node of cult. Fat ou Turaip, with the liquid mantra-drill anplot Swedian but the quantily is toogmal sa only wiot tho surfor for vegetation a only started with nothing to suppor it belor. For many folls in dry Eeasons 1000 pallons coo strall a dose. Much dopends upon the slate of lend. If comprerativoly dry uto exallons rasy do lace
 should shok to the dopth of 5 or 6 anches aeep into the san, 5025 to apply available tourishment to the rootlets which rery soon atrike to the depth. If it ouly sunks 3 to i rat of sumernhosplinto tha themming that from \#y to sta milions of pon! water In julang bow

 proper deplitl, bearing a mind thatea twe soth to a the ligud spreade italif the mind that the mare widely mical and successful whll the supply of food be, not only begin to swell plants, but also to the roots when they will po, th is ensy to paloriatice how far 8 palion required per acre. When thate how much nill bo Work, it is a poors smiog to alint the land of water rdins tho reaniog minch as mace a smooth sutfaco for the reaping mochtne. Before rolling ntrong ground faco stares preces of tood, 38 the polnts of hurdie and inett. swayes left un tlie 801, whero Turaips hare been eaten cit by stecep hhort peres of homp beon and such like, as the roler lit passing over them very often tilts up oLo ead, so th to come in
contact with the kaffe of the real. Ner, as the smallest bit art, wher pressed in wath the roler, 1 ill whe soffer but braks erusty clay soll smoothes the sown bronduat, thereby supplang mould for wien 5own brondiat,

 fir itacreas niz itue wornt is the land redures, as tone, in a box, water in the ro.er, dee ry ro ber at th.
 ens so as to 2nduce the 1iteridi of tEo Grasees ard tilling of the ground.

Wirnorke are gid to be "soth thas month. A latie extra eorn and troomidg as becing away the bofs better than Jrastic purcostives. ars weanou Hosy shourl bo learned to eat sloced root, ard woano wor, ond hey; and if this is done, estly calves th hele dura baen fod by the pail may now have their mater ther if they suck, thers mams shaud d be milked nearly dry, and fimaty dry, dams stoud d be milked ne
before they are put tothem

The Dairy, -As 800 a as milch cows are grags-fod, checse-making comes into meason as tha eman are Feaned, but tuth the cows sro farly taken with who Gre both 10 a healtiy pormal state, good ohaeso chanot de made. Soar mare (abtic acid and salpetro are sometrmes disolved la the matl, to prevent "heaving," but tiey lomer the quality of we checse; meithor can sood butter be made. The true plan is to correct the rood of tian cow, unt atie has purly taken with the Gras. Thts done, gool theesenmd bitter way be made. Duriag thiss afonth, howover, pert calar aitention equares to bo patal to the vertilation and temperature
 old during winter, azd this, with the inorease of temperaturo lue to the senson, socounts for muth that 18 experimeed, 1 the wity of tarning toll sohr, and caus ng cheese to be warlabe fal at times joferior in quality, when otwer cocistions ate the same. Tha dary showlit bo wept ary at the pirajo tomenaturs, and free [rinn stapoant atr. In Lutter daries, thare is aneraly of of $14 . \cos$ as to tho tempe arure of the
 wheu first turned chais WLicti till tho gralaty' of tlicir matk. Cields and prass-landu an May Shay sad kavoe in cornTurnifs fallows as a remedy, spreading a liberal dose out of the cart, or by broajcast sowanc-ruaulanes ofhers sof soot and salt by hald, of broudeast sowingmach.des. In each case the aphieation of the lime,
 more effot in eruslang tho enanzy to deuth, a more effect eralinge ta enany to denth, ind lixicg the jome root orsis tio ule seot, or gat. as sown at night, when thoy aro norond feeding, and frien fis lisuled is the roller momenso numbers are destr zed $13 n t$ it rewarm is oot io cassily got rid of, as it is defelided by a tongh, cathery coat, and feeds tuore below tho surfaco. latue, soot, and silt, are ohmosians tu tho inscet, so are nitrale and sill fate of amaouia, buit uriaess apphed consequenty land is sufliciently moist to dissolve them, when the applestion actic t, 2e, In dry weather, Lherefore, the
 oroade two are not cont lineti ith the form of $n$ surayg or water is latd on to the land for rripalaon, a free use of eilliger 1.1 time is doubtless tho beak mode of fetting rid of both wiresform ahd eluy in it nob olly kills have but promotes the grow dat of thoso mants whinh
 thlargs may bo fi.led Urr by tranablunitur corn of the stase kind from in dilerect field, or from pateles of the same field whoth bavo estaped the ravages of the risects. Ihe work it best dono 10 tonst weathor tround, if rich and art eact way will t.ller and fis the round, If rech and in food theat, and the expense of have never fried it. Whon somito may amagine who by wareworm, as it pometimes is, tho bist 1 ine bor applyang salt \&u, 13 when the usect first oeglas ats work of destruction, as at 19 then lezs nolhag is done to arrest jts ras.rpes al When misacerent
becumes getarated fint lem of two fiel 1 thi laticer bisiabs of wareworias may bo colleatset bat cazes compost of lise should then be spread orer tha bare places, and Grans peeds bush-berrowed and rolled ustij mien ole griss-lands are suspected 35 they daddy-lono-le When codkchafors, elfect-beatios, aמd Geason-they should frequegtty be ex era.ned diriug March, April, and May, and, as soon as ubserfed, active messures should he taken to soak the roots of the Grassus, on which thoy live, with livati manare such as the land and Grass require, the applimainn to be followed by the clod arequiser endrolier thention dry to be $W_{+} J_{+}$

## Notices to Correspondenta.




$J$









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Index．



 WM，lidUl bega to announce that hia CaTALOGOE NEW ROSES，－Inylye of the beat of 1800, ， 6 ．anch Pollock，ed，wer ther TWW いング

ROHERT SIM Writith Farg Cetalotac
$\mathrm{R}^{\text {OREMT }}$ SIM wint worn








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 OTAL BUTANIO SUCLETYYB GARDENS



 Int the gllulik year．




 Fiftilis A．FORREST，Storotars，Czerry WhLKHLLEE HORTLCCLTTULAL $8 u \overline{I E T Y}$


 JJ．tsis at Kit

## 1 JiLSIONE，H

Tit $1+7 t$ hal furse -May

Punas．


## SRL $_{4}$ Royal Ancot or Perpotral Vine．



－Hin at［Hf，t fruting In Pots，
It 1 mr merwin stid Sead Xerchant，Worcerter
Mr：Allitilysist angus．an
UK才，Y YKHLY，IANA－T2



Beljug of at er orat Reduction







hi．Od mond Tvey wera all yicrexim to mand out hil oix








spaciman THicolor and Bicolor Oeraniume．
F．An，${ }^{4}$ ，Mil H havo a large stock of mont of their





MADAME Speclal offer the fineat Doqbla PETAR－


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 ALOPHILA EXCELSA－． 1 ．
 $A$ Aratrinlo

## gnome Flowern


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RICAARD WALKEK Can suppy for ensh the

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StTTONS＇CHANPIUN SWEIOK，the Gardient and

HALL＇S IMPROSED TradétBTEY SWEDE，

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H．AVI $F$ SEARt $z$ wit to \＆al ta mismit $t$ the

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Perhape the fleet Btock of IXOPAB in the Trade．
frris in great varieyy，
Whioh J．\＆E．T．can supply by the Dosen，Handrea，or Thoupand，weiuling－
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 Tha daficiety, South Kenangton, and an Extra Prize at the Cirytal Palace, Sydenhana
Thin dufficuity of preservigg thu Iresine Herbatuk durng the winter ha kat too moll known; fortunately this







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 Coweth sory double
EOLLYFIOCK, frum the beat sumed iorta
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## Beddlag Plant

A RCRD, HENDERSNN'S

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Purehasore aro respoctfuly invited Oingeat tha Frook it Slon Nursory Whitehorse Road, Croydon.
Epecia! ofiterb will be mede for large quantititer

T Bearipeading Phante, from 20, por doron. J. BLO'TT, Htemalt, Somernet, has to offer the abowp


 TIfoye Hundred Thougand Bedding Flante




Wés of England Beddug Hant Eatabliahment 'ПHOMAS SAMLDON, The Preaton Rosd and





















 Fakland-sk tho uloncentershlize Root and Grnin Sogiety, an cha ben



T 4 TRS' MANURES are now ready for delivery for 1.

DUPEPPHOSPTAT
in BUPERAFOSPRATE of LITE, Theo hanures enn ba obayned of Mr La Fin of throdiga thi
 NITRATE Of SDDA, SULPHATE of AHMONLA, and other Chemloal lianared

ODAMS'S ${ }^{\text {YITROPHOSPRATE for CORN }}$
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E PATENT NTTROPGOSPHATE or BLOOD Coler Omanugh conpan s LiMITKDi.



 Rabort Leede, Ceanstoad Abbot Horts frorgo innl Callo acto, Norfolk. gaminal Jocon, Orahif arar atarniord Chatia Dormary 23 Emex Streat Sir Tonas Webb Halton Rovm, Cambradgeab: re Charlen I Lacy, $00+$ Wast Linen nabbsa



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TEE TEXANT FARMER'S MANURE COMPANY






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 S Cort's WAsp Wasps, \&ect

 PaTENT OUT-THOR LLEMTGaYoR, for Frame




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The Cheapest and Best insectiddh


POOLEY'S TOBACCO POWDER, for the Promes
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A ambly-urriged CATALOQUE of oftint limpton
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## SOFT-WOODED AND BEDDING PLANTS.  <br> JAMES VEITCH \& SONS


CATALOGUE OF SOFT.WOODED AND BEDDING PLANTS
For the present season, compriving a LIST of the BEST NOVETTIES, ns well as a selechon of the mod
 ROYAL EXOTIC NURSERY, KING'S ROAD, CHELSEA, B. W.











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## PAXTON'S STRAWBERRY CRINOLINE.



The B'TRAWBEREY CRINOILNL is to the forta of a table, minde in buiren, so ala to be ueed without disturbiry tho plunt. It is 10 mokes in dimmeter, and stands 4 mele bernies fromant galvalugh conlout with tir sa, moisture, smi othes pubsinctara. They ne considered to last 10 yeare 解 leaty with are

Price per Grom, e4.
The ETRAWBERRY CRINOLLNES are declared br all wha une thesa to be of the greatest nes in kerping the Frust argit craps. For partioulare ete Inustrated Cutalogtues, and Testimionilala sent to us by out paterons laut sear

The contrivince ss by the late Sir Jiseph Paxton, kl: 0 , after teting them for one meason in $1 / 2 y$ ow in gardene, "Hock Fivi has approval of thon usefluess. The ritht
A HOLLIDAY, PRACTICAL WIRE WORKER, sA, PORTO13ELLU TERRACE, NOTTING HILL GATE, W.

Illosirateil Cutaloguea of Hortioultural Wire Work free on applicatson
 Esory dracryation of Wirs Werk for Gardens, Comarvatorics, fe.

## PORTABID AND EIXED HOR-WATPR APPARATUS,

POR HRATNG CONSERYATORIRS, HOTROUBES, CHORCEES, POBLTC BULLDLNGS, PRIYATE BESIDENCES, ETC., WITH

LEAKIESS PIPE-JOINTS

## T. S. TRUSS



Begh to etate that the immonare namber of
 HORTICU1,TURAL SUCLE'Y TUN and CHISWICK, with unrvolied mantisfetion,

 - Af qppromnee. EFFECTS A SAVING OF 25 PEB CE'NT or. Are : teras farility for extenatons, alteration or removals withous imjury to pipes or Joints, ean be




## ThO FOUR-INCH PIPES ALONG ONE BIDE AND ONE END OF HOLSE



\section*{| 59 | 0 | 0 | $\cdots$ | 52 | 0 | 0 | 50 feot by 16 feet |
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Brth nud Gas Work crected in town or country The Trade Supplied.
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T S. TRLis, C.E, Consulting Hontictitural Esoinesh, \&c., Sole Mavlfaotraex, IRON MERCHANT. HOT-WATER APPARATUS MANUFAGTURER.
nd hgatteclutiral huliner
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BBG TO ANNOUNGE THAT THAT WILL EEND OUT ON AND AFTER MAY 21 ,

## THEIR UNDERMENTIONED SPLENDID NOVELTIES.

Azpplopsin japonics.





## Begonis rosseflore.






Oroton (Codisenm) ancubafolium.



 Tiln phait pail

> Croton (Codiseme) Fillianum.






## Oroton (Codinum) maxamum.


 44 denip his trifo thin Botit 8 ms .





Davallas hemiptera.



Dracama Maclesyi.






Dracreta nigro-ribra.


 Frive gla, eaoh.

## Dipladenia (Echites) Bolivientif.




 F'flot Ify twob.
Branthemum asoormam,
 lonj-Lubod whtr flowars,


Hedarome (Derwinia) fimbriata


Tras toworn aro of meditum airs, boll-nhapod, of a bright rogy colour, and beantifuly tives how in ing planth


Maranta (Calathea) tubispatha,






Rhododenaron Benryantim,


 of It hask beon exhibitd

Thibaudis acumineta.




 amode poritinkly

## NEW ORCHIDS FOR 1869,



## Angreactum falicatomp





## Ooolegyne (Plaione) Reichapbachiana







## Dendrobium orastinoda.








## Dendrobium macrophyllum Huttonii.





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\text { Prom sood piantil } 100
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Masdevallis Veitchians

|  <br>  <br>  <br>  the form and gilout of Lhe flomer beynk entiroby mingas <br> frem 1121818 thehe him, <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br> I's as sppheation. <br>  <br> Vanda insignis (true). <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br> Prex |
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## A NEW ILLUSTRATED DESCRIPTIVE CATALOQUE

Of the ubove and many noveltes sent out by other totuses will be formended free on application
ROYAL EXOTIC NTTSERY, KING'g ROAD, CHELSEA, S.W.


2）pat Gold Ieaved Pelargoalums of the 8eason Hrg Colken Emperor and Golder Queen．



LFPED Cheap Thicolor Ceramina of
firken bhat offer 50,000 6me Plants at tho







Mow Traolor and Bicolor geranimar
Nont the aln are now sumping out that new

Beautiful Crimion－folsaged New Bodding Piank．




## New Semi－double cloxinlat．

为别各JAMRS H1ATCH









DOESONE：PHIZE FLOWENL SEEDS，









## Uhe（5avonertehtonticle <br> SATVRDAY，MAY 15， 1860.



FEW men not notrally engeged in the praction of Horticulture have dobe more to prometa ite interedte than the late Sir Charles fentwortit Dithe．The main flucts th the career of the decerased laronet are giren in mother column．Those who had tho praviloge of his fnendshup，atd thoee who were associsted whth hum in evergday work， will best fill in the meagre outhne there given． The general public approciated has actre business habita and tact，for the rosults wree worthy of his labmurs．Horthculturssta in partsculer will lots，remonaber that the Buterebs of the Inturn Atomal Imptimul－ tutal Fxhibition of I whit way due，to a rery large extent，to the indmantable energy and consummate ，udgment dieplayenl by $\mathrm{S}_{\mathrm{ir}}$ Wrarrwalitit ax thanmin of the（＂om－ mottre Ho retanued has enrisertion with this memorablenvent hy hrolmer the offere of Trustee of the I indim Ialrary，which was estabhshed，it will be remmbered，whth the surpius funds ansing from the faxhbition． The late Baronet＇s personsl friends aud ussociates wall also long remember the genial courteous friend，aimacs betnitive in his consxderation for others，over prompt to gro counsel or rid when required．

The present is a grom trmo for gaying a fav woris on a fault which too generally character－ 1ses our Bripter Flowsh fricms，and one whech has often bean cmunudvarted on，but whieh remains nneorrected to the preannt day．It is the almost total disvegerd which 18 gemerally pald to producon artistre aff wat with the mata－ rials sent for expribition．No one an have Fisited $z$ Coatinental show Fithouth having remarked the contrast exhibiteql in this respect Fith an Fuglinh anm．The general effect in a Continental show is almoyt mithout axception （We never met with the exceptann）a strithot
groups, , no that the bright colours of the flowers
aro Lrought out by the green of surrounding foluage. Thase that aro displayed sungly are plasted in smooth turf provided for the occasion plants wheh are stasgel kre concealide by the folla ${ }^{2}$ of of other platits arrangel tu front of them, large mastes are thrnwn tegether there, untul the whole asmornes the aspoct of a natural scene of besuty Whother thrs can be sald of cut Engish show, wo leaziour readers io say. mented, with ther phats ilsplaved in all ther native budeousness--owach induvdual flowor a gen of beauty, perhaps fir sutprasang ary thing bination detor oratel an efleet by ther unaryung lunformats modion flowers killed is the unireloevel glaro of somiethurg that 14 chacel to bluze of bazzty " 1 th ther vicinty, ampossible general effect, of course thelled ont in d.f-
where tho show 29 parcell ferent pntches and oxhibited in dufferent pleces. There 18 riothing to prevent our producing as good an effect in our bhows or diffionlty in it. We drd it un the great Intometi mad 「ixhbition in 1886, The Phodoin ulfon shows of the Jhyal Hortscultura and Jlatanical siocetetes are exayplos where it 18 done every yar, and rox ant teen \& morestion or less buccesstil eflurt mocietigs in therr genoral whowe, sulficient to prove that they can do it when thoy choose, and to remove overy apology from thend for wot dlong it always. $A$ great Ahow wheh was abeve remarkk, and whtch may serve to inlucato the way that we should go
The show whe hell in a rading schooh, as is usual on the Contunent, and tho whole whace had to bo put into order, copered with soil, gravel, turi, staging, rackeries, waterfall, \&c., in the apace of three days. In these three days, too, while the work was poing on, the plants were recelved and put in thoir places, and here is the point of differenor between the English and the Continental practice, it which our chief diffeulty lies. Our axhib trea ger dithrir plonts itt onlv on the mornnig of the day of exhisiton, the comenment il turivts bare whonn themsolves trollitg to part with tuear plants for twos three, or four days,
sone of our showb hare lasted that time: would they then object to sead them, 1f roqurred two lays, or eren only ono day, before the show, if tho show were not conacued boyond two days after openug ${ }^{2}$ We imanine not. Whether or not it would ho practicable to fix d.fforent days for sending in ifferent kinds of plants we do not know can easaly 1manne that it would bea convenience to some exhubstors who were sondugg more than one ran-load to seud some on one day and some on the next, and that othors who had sornething of especial ranty or walue would not like to send it untul the last moment, an l would not be will ing to makn two murneys for all that they had to show. But all that is a question of detanl. If the mass of plants were in the hands of the mank we should lnaug thrate a new and better sta think we should naugurate a new and better stato
of things. Iut another thing, not less necessary, is prolininary preparation. The plan of the campaign has to bo arranged beforehand the place of tho great massos has to be fixed, and the plants to fill them provided. At the Berlin Show, the Botanic (Gerden sent all the large,
massave, five-foliaged plante At home, the Horticultural, Bofanicit, and Crystal Palace retablishmenta hato all that withu themselves Esch rasaw1se group could be propared days boforehand, with holesg left anto which to 10 O the glowng Azaleas or bright flowering plants when they arrived, ard thus, as at be displayed with a thick framework of dark green folrago settung it off, end although thus minkled with other plants, the whole of on exhibitor's plante in that clase kept by themsolves. It would take a good desl more space and would eatail a great deal more trouble on the part of the officers charged with the exkibition That we do that deny but he our objoct is to make the exinthtions more effective, and more attractuve to the public, thut 18 eurely worth the extra trouble.
One nther ponit to be noted 18 , that the stages
nearly vertacal than we are accustomed to make them. It is easy to Bee how theso simallor phowm may bo ajranged eadmit the iles that for almost overy riant that 18 aent for exhibition there shall be ancther receen fo.leged plant to form the setting in which the oxhibited plante are to be placed.
-Tes National Ilobiculitle ehe Exhinition Thech opened yesterday ar Manchister, is probably Whe opened yesteruch has yet been leldid an that city
 competitors, has brought togetner the a single collec50 plants over staged bs ong cxas roup comes from the tion, and when weadala Eisg, those who have wit neased BIr Bais $\mathrm{BS}^{\prime}$ strle of growide plants will have
 merits of the st bjects prodiuded azed an Elieer amazement s, ach therting finer tharn ever she ther consphenolls objent in then aroan 13 a grand bush of Genelyltis thigurera, robed has Fhom the beauty. than that in ell cases the plant ro than Lsual, Which is probibly owiag to has rapenigg of that Wood, from the expersive hited something like s hundred specimed planis in the various classes. Orchind and Azaicen from various reas Thoses and Rhododendrong from Messrs LaNE, Fern and Conifers, and the thotesund misaellazeous subjects which go to make up a great jower show dre staked
 It 15 wo bo deanred that the weather may conlinue to be as prominous as it now promises to be, 10 order tha the holiday folk may enjoy to the full the fesst of flovers, which Mr. Fisiday and the Manchaster Botanical Society have sprend out for their deleotation

- We learn that the Botanic Gabden, ManCHEATER, is not avatlablo for the purpnese of the Royal Hortictlotipal Soctety exilibitios, in July hext. The arrangemenk between the two nocretuos have, as it appears, como to poagh owar tho Counall of the Manchester Sochety demanding privpleges for thers Fellows to an extent beyond wha the Horthoultural Society can Under these arcumstances the Rosal Hortinultura Socioty had no option but to look about for snother ste, and we helieve that a vory eligible spot has heen secured Just boyond tho Bolamir Garden, and attachen to the best portion of the Rofal Agricultural Sociely's Show.
xhitn accordante with a wish expressed by many PeLarionivas Show on the 2.2 dmat . We believe tha Sole. arracguments are in propreas by whick they, as the dinclizion meetige wh ch to take place on the Councrl-roura durng the time the awards are buste mado, miay be serted 18 the tarilen with a substantind
 We wing to ater for them if pres will take the trowhe to provide themselves woth,
 groposed that the break fost should ho served at is a propose tha tho meting may tol

 ssued by Mr Mit RRAY, aui forms a hanileome volume of wore than CuS jages, wath the woddeutz, plans, do
 ubject indicated in the title, it appears to camprise omplete account of the best and most notionable features of French gardenimg in all jits departmente. Further eramination will be needed before any opinion can be offered as to the technical merita of the book but in the meantitoe we may eafely commend it to the noture of all dearous of s rtuly hliustrated souvenir o tha Freach capital
- The first volume of Mr. Wilson Saceures anful libfcoicy Botanicia is now completed Che lest part andowoted maniny to species of Cotyledo techereria). Of this we shall tale oveasion to spesk
more fully at another time. Meanwhule we fender the hearty thanks of all hortheulturista and gardon botanisto to Mr. Savinibus for his publio bpirit and
M. Alphonse Dr Caspontie, the Proadenat of clected one of the fireign members of the foyal society
- The Chair of Botany in Erlangen, vacaled by the deash of Dr scemizubin, has been filled by the fescor of Dr. KRave, formerly assistant to the I'rofessor at Latpajg.


## Nef Plants.

## 



 ratity, inmina panduratu, lactrula aritioa angunta bati requal
 emarkitinto
caria funtue ar
The white Burmeen utripques.
reasuras of the mase anda whe one of the sectet has , wist flokered and Mes antrery for a while It placed in our hands the beaut ful reotis of this kudnd
novelty That halat of the plant many de mand hat and Berisolu, thoutl itr Hoe, touth one is mueb shar as oe hr Harry Yentoh informs us , are monder. 1 I lato, unequa, ly hilobed at the are attender then


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allus at itg base +

vere cha, doep orasgu srortid the montomente arnund $1 t^{+}$
 ears ago in the days of new son tour. Thera an then phainoonerd plant will oreate a sensation andonn that scarce.y bay that th 19 one on
striking discoveries, thomgh
appointed the modern l'ams to should oveliest among the lensonian on liand aliother Extrunath filimes uate novelty. We linve dedinatory dondesborourh mo redice eration of Lorl Londesbormisel: love for Orehads. Jewsrs. Felth
 appears to be afreo flowerer ss the same just produced a now fower spue. $\frac{f}{1}$

## NOTES ON BEDDING FLATE

 las pluolsed juen may jee hen its Borsm aved to be devouts thanteful firs the expen both" In sorme auch way mught one sperk axperiencos ol bedesilg-aut, wh m others who bed-out may tale lieart sgan, " looked on with lomesing ayen."
Bedding plants are numerolis and vand ras grand desideratim tiay brand desideration. Te ere is a ledotrope secure-tho name jurpassia Guaccon the coin lavender, tho trusess simply it wense-bre er the briast of a drawinn-room " jirmon, the bin, JoLn Eraser's, Lpa liridke Moad, and made a) st as a norlby joy to phack Nok that Helunn much used 180
 most elf chato bud, Had into tho barcain
Iresime a areo-ret minula lias Eucceeded miti asen with what was if itye bregle thouzh tropical deptirbine

## thore to perpased

theless, for it bus its unes
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glatha, the leaves benme
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Gemoraly, tha Goden a decided ncyulskar for bridure ह

## luoupli kome

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till quate late $1 \pi$ the kenson river
seed, use spring ntrack cuttiogza, Is thus pite
ouough to stend the w ater and so be men
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californtera, and the jnvalusble yaja
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compare witis Mrs. Polok tor otien
ras good, finely marked, gnd in th

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Sat＇s estublubment at Feroichufst，soit Hulcones bupprsel and pleaeell wit wih yery many otber well－ scown exiluples，in h s extens．vo and fine collection

 from suitable houseas soule tives the veril ar cond，t．ond uoder wh rh plants aro found ut uerf nane，where sin sc．And in an oce learned froul exper．ment．it is yery jumporlant to bo furcushed with 1 Diorniat on wirch nlways ncceptabie）to guid the beautes which it 19 our
 othert，chlll we mas resulta is ow wiat out，sodl are lost becsuse thoy are m thinaged，and otthers，that remain in cul－ Culiy dovelop may at times Bnd so very mich finer than over we expeorud to bee theom，thit we then regre their beautues bare not beoa blace of the Calantbe Soped．I might give an unfinco on of those rupert Yeitchin wa ase in posint trom the skill and perse－ verace，
 flower－q，kes 19 Inches in length，and is such it has beea so Ortinil has uroducen flower－s 5 ikes s feet lons ficenthry，and corerod wita blons．thuz proynik ats capabillees to have ben very nlome，by treatiup it as that it it park beto groilt ing th rouky prat add fibre， turfy loant，do．，with bottom－i，ent and squid manura during the do gerert thet by rersseveringly culthvating thing ancy genh iul tha Orobits are whan well grown，and hoor des rable it is to note result at hame，look about and learn what can be done．for we may yet lecome convinced lare anso of our own creating，and that they Orwhid cuiture are of our own crealing，and crationey min yet be grown with m mach
syother exotac Windian Payne froble you with， fow hines，to nlk if my of your numaro ften me
 on in my grden Abont seren weiks sol had planted oight slaot yows of the Moun is prido potalo dirc cellar，wind rero somes what freely grown，but in So，yes above ground except．en so，Yes above ground except．0g at rare watersins

 apmenclined to thoik the same process is going on witi and pre innired of neifhtour to whom I kase some and of Mon＇s Pride and Ind there 15 the saing ent $r$ th
 of the seed．and the smive Luderrround progrese．An experienced gardenhe，Mr．Reod， here，telis mes do Can any reader of your columns kindly 1 miorum me ，thls jear， the circumstances of the absence of any krowth above－

 planted（os for as I can learn）about 11 sears，and which have not produced more than $\overline{0} 0 \mathrm{lb}$ ．of Grapes．The oorders in which tuese esina are planted，are composed Fide，but I sm told that thore is uo crain at tote
 busches，but if doubt if they will come to any anze． top．The house in which they grom faces south vest

 Tecy stront Cormagall．SVines that hate baen planted 11 seape and hase only producect 51）its of（irajem，are certanaly not $3 n$ a satasfactory conds on From yo
account there can be little doubt but that the bnale accour thelt．In the first place tos clay lonm is to heavy，and 4 feet deep of it 18 almost double the dept required，and the drasiagere 13 imperfect，lour onls remedy is to take up your Vines eariy in autumn，care filly renew your bonder，giving perfect drainake in th frst place－a very important matter in sour locality then 2 feet of brick rubtisil，and about 8 feot of
composed of a good portion of porgus materials． would recommend you to have jour border raused abova the surcomadig lovels．You might work inp some of the rooks by judicious top dreas，has，but we do Adnation $2 \boldsymbol{n}$ Conisers－I was interested in tio remarks of the Gardeners＇Chronacle some montlis inace Acamemy of Vittral Scrences of Mriathdelpha My
reuarts I made st the mating reforred to，nad recuartz I made st the are prourate so far as they
once s－week for three sears of the rate of cumaz
tual growth during tha growns season of Populus mobinfera．The resiltos were ptolishodin Proceeding of the Phisdeplisa Aeadem，

Chromele \＆result of this erperiment min learsigs in girth after all funational ictivity lis in the lear．I oould make no use of the tar to account for the dry leares of some trets peduncalata beform my library wadern most of its leaves all winter，the other steds rat in due seacon．In the last th
slighty afler circulation has

## separation takes plare by the unequab of parta．In the otuer case the

 Fith the cecsation of vital fore or at the soin there se no poweter to throw of the leal untal of the repular expandng thme in spmos in just the same Fay．This is the ruode gre thrown off，the reason wilfy the sap that thas particular point or articustit on has nefe s clear to ma．I andi lad mysatf ott at star in this note soma romarke on the ohange other plants besides Conijerta，purtirulat？ all in connection with suppression adhesto pertect separation of paris in relation to lber en slarmes of be the chreat lenpth thnis note bes The Formation of Moisld by Wormi．－A I I asks mit 10 po obifing a manner whether I cratm the same opinion as formeriy in regareciemoy of worms in bringing up willay th fite soil from below，I must answer in the affint I bave made no more actual nensuremente，bor ib Inst complete，isapparanve of a feld with very poor foil od the surface of a fleld with been laud down as pasture，I have zlso
envered a fess yards sfitare of a grass－fied chalk，so as to ohserva the worme bamprice
 Park ia carly aulumat as a capatal

##  <br> 

 Finese fase ries are then taker nut nad bidded on other
 posible from the materisl at presedu made to me a fem the meantinta wholb may Lare an wherest fory sought renders of tho Gardeners Chronict he Chronscle vorrectly stated 1 ，a that the porrer of brapelamp in to vikour purhats in all other trees to vigour are the，＂That al Comirera adnate wh the the to the term adna－ tion＂The cases ented，lathubs，are more proper lastanmes of＂umperfect separaton＋Latna，sud use the is rd na Pliny would in epenking of the admatistine bat rom antted－it is pot right to emplay the term to jasignate an union of parta whan were has beon so used ef it may berme add is so used in common erce day English．We say of the Simese twins that thics are two men＂anited＂togethar but as adhesion of separate prm as appied to them jos no peret gaparate，We whe soy of an Apple that the alys 15 arlinato with the ovary，of of the fi aneati 1 Moynola tha duey ana I say the leafes of Conifera are adnate with tho stem．Wre use tho term as lmply ne a jurdet ral uniod of parts wh po at not wetl taken， bitidit．Tien that Touja erieotdes（Fort．） 19 los n so far as isay tha Thus oectientals its parent ranch ng than tho stare，and tiat the Giyplostrobes ants more adyancedshor than Taxodium dishehura The remart，that the＂Glyptostrobus at Ken as wore branching than the Taxodum growrig noar as to thows that mesing of the words we eaploy．The Friter in the Gardaners＇Chromiole had permsacal＂brandets，＂ros in hasmand at the moment．then are deordans at the of the leal．The ersemer is $r$ zht also in this Sintes，ns at kien，litwe 1on．Thore is in the United Suntes， difference 1 th the pormanentwy orachase I had refer－ the two，hat in tha in a aboot dwring the mowimg season．Io Ramodura brachehlat spring from the zzil only evary etgation tenth leaf，but one Glyptostrobus bran the Academy of Natura．Sruences since the remarks reterred co，
 G．jptastrob ra，and in ala cases a gradat in of thas
 Sob）Wiath regard to＇limja ersendes its branching more compact than the meture form，but tho mnture oommon fram wis be found to have brimethlot from avery other patir of axils，giving it in fact thas mell
 average．It geems as branghing beralice none of it branchlets are decidnous；the fer it hes remann，and ore so masey of them deciduous，it may bo objected to that I reessrd thent as parts of tho axial system of th plant．Ought they unt to be treated ridier as
 by specimens exbu ited with the naper，pres

## 

## gress＂），that the so－calied leaves of S．adopitys wh．

 It maghtsem sallie ent to prove that the deciruou branches of Taxodium nat Thuta mere rishtially some of them reman to be permanent branebes，bu to establash tho fact that thera is mo orgatio reasywhy they are not all nermanent branches，it is on！ Decessiry to po to the propgeator，Fivery smal particie of a fiabellate shoot ol Arbortvitw fill gral triert tho branehlots of Gljptristrohus，but bise act


out ine mond in buddiag in the Unttert States．） was anly able to perfect thas plan lost jear，so beve not put it uito varied practare，but I buse Austrian Pines
 otherex，and rare $l^{3}$ ines become as rapad．y plentiful as rew Rineza or new Pears．My own propagitota bé to baye this rach hept 25 an trade mecret，but $f$ woal 1 rather and if $3 t$, az I hope tol veto seas at prove tho meens pundreds be ag able to enjoy the beruty of maty tare Pries now begon＇their mpana，I shall bave some remard．The＂leaves＂of Ritacs，and the deenduous Pisas，and the deerdurus
Rad Taxodum，beno shom branclacts be of Thula and Taxolium，being shown thog go there，and the Dagur
hongured．an shotid the tompert and an is glves，nor dol
any more than the 1 mes． to Ret areustomed to guchs Weare now speaking s

dontoglossums Rnces or new Pears．My own mapoly plentiful as new dontoglossums G
require the most

Fonderlul stmonat of work eftotert under farx
 made on poor，satyly grasionan，and
Mr Fish will find tuat the propportion or measure of carbon in poor sol account for but a small proportinn of the when peat or pealy soil 13 forming the the comporiads seem soon to bo decomposed and den Julging from the quick rets as which I hin there decay of the Gras were a

In tmennas wald be fumes！ surorising nas del ghtfu to the dweilers an portso indeed on any had，wliof is never oferlamer
 not burrow howa not acr limulate

## The Royal Caledonan Show－Look lot lon si

 the Getriencrs＇Chronite，corresponde egitom se slow teports particumany thotigs wortigy of notice nt Cucuruhars shown by
above show，caramede

## Were on thet aciount not eli Imerste <br> Ithomson，of Dalketth．Insterd of sestas

 as printed ，th tho report，ti showBert，a palatable look．ny vegetabli． hard，and has，no wish to wlater
 elimnus，can
out the season－natumanal Dendrobing Falconerı

## temperature and ample m

tlif soms a fors
 ha Cattleyn－honse，hut be growimg them in my IJme－hmiks．

My Anders nenl dor Lifar

## d．Som，the be

 d－पTVF1ag $+{ }^{2} f^{\prime}$ tane $]^{22}$號Wim montemponery to fisk this question, but got 2) wren, and mp reason for arking fras a pood one. Then foth frabose our stour line, but then it was Ene the Cortse they wero fourde I instaseed my own



 at fell hinh froct this we lind, if wo conside mul trpertince if growidg ujpon a triat an Ordhid manti to the E15, what groat vieIssitudes it woucd poss thruagu The soil indestod IE6 at the silus sras anty $\overline{5} .8^{\circ}$ This moontomen is

 ats feet above the sea, bas on a sujerficles of
antes 171 loweriog plants whis an ${ }^{4}$ Wi the emt re are hupelagn of spitzbergen contain as oun abote the horizor, the heat so nbsurbed by the
 atropica we mo, the sreater th $\$$ d Gerence must grow Thi word upon asotizer subject, and then I hase boer log tha 1 resent Food and stimalants must be ai estra fos $1 w$ what stanulant 15 give oxtra food, 1 be grow or season, when I ruter tle Hine and so in aroot taste ar I sment the fermenting tan, thong ar Mr hudarious sug have been h. lied, falat wat hot-water pipes und evaporatiug jaus filled
 "red to them" The Frencliare very fond of the In precions, thing call a rifle an armo of preaision, and II Alterion, by way of helpurg to nbtain a Le weorlh ard milth of the leaves upon Mr , Salt's yot, s.so toe diancter of the jomis? one of nus


 ceoping of tan uthits and noneper tio trees during covering of the fruit-format on periods. This ral scasons ndopted wh th alfo ost experiment, or therely inductur toe to experiment, thereby inductur me to
mine extended reengntion. conseHolen aur trees woto so treated during of frut, the aecompanyseg ex selegted fromi a host of knalarly stern worthy of unlineted anfopt on roub estomo than the customary mode carering and uncovering the tree hially uncovered a fem duys goo durio eather, and, so far as I coutd absorve the mot affect thero in the enist apprecisbl uentiy the fuost timorous and steptical ad it tris procediro an shoult they in branteres es woro thick.y laden with wel prits fis
pear -1.1
Ifed frominn od l'ass treen now full of this was thy in axpersence of 30 pears promise of e, wontars $\geqslant 1$ leoves. George Bublt. A Jichelor's Bation noter at Chuswink thrs year EDi hitbon arid nation - Whesh is the truo Bachelor's
 a mar
a tota
a the Bachelor's Button, fult my erent plant. I feel rathe ather more than 30
yould
find then
y Lychnsa being dignified with
I. e as conse a button for a bachelor, which antral- the flowers of the Lycharst, on the Wer I lor rentarked to mext "No buttan at all. nreokit of ita revemblance to that useful and, if so, in fimey a molelor, are often If mo, a fimsy thing lize the $\frac{\text { Kgoheris }}{\text { Bis }}$ an this subject, I havermben atilime $\rightarrow$ Ballet tle Bamblor's Brathon, or 12 veryono had a diflerent plan support your statement. In chnia seems to be the git It


 Dascy is 80 titled, nad by some the commino White
lower Corn. Herostemmas st ect wizen
 occurrence the trute false pretentes, I slocild the nume, there simuaritg to tutiols
tuat the pretty doable white ling of the ut- guiathoin arl old liardy favourite plant of our grauuluother barden, the flowersis of which very closely resourale the tests of our friends so plontifally bedect the pluxa vest of our finends the "oarters." That is my
Batchator's Buton. Am I right? A Buthomess Baehelor. IWe advise our correspondent to chorce, end release himself from Lus juiliaboo pliglat Eus.

## Foreign Correspondence.

 my witer quarters at Melitoue rather cariser than nuath in Asperin and in the sonth-aster to spend Spin a, pravious to returnang to Landou befur crosilug the Miediterfaneurn for Alogers, hawover, belny des.rous to ascertath what whs uonj 111 oudder gat denink at Nice, Camaes, and Markelles, I pa da shor rernembered by these who of these towns. It will be remenbered by those who perused my letters last year shat of the jelathat 1s, the coast ine of the worth shiore of the Meniterraniman fenia Toulon to Lephuth
 horticulturally, shat It exlubilis, Dotanacaily an in the sed dearee of latitude in of the son can do ar nomediate, accorday to locesity, but atway's given by mountsin rallgea several thousind feet ligh In in my mountsin ratken geveral thousand feet hiah. It my
own garden at Mevitoke most of the sjorms flowers hybru, Ton, zantullomatal liankso wers heo nnint hy blow, com, althoum the manxsla werd hea name beem wassuaty bastemu* characterasol by an unuaul amaint of wivd, ran and coal
 my own, the ordisary garing flow, ald Yalvas, Ibatia 115
Count Margaris's gurden as more espuecislly remark able for has cultryation of the Camedia in the open air He has scores of large Camellia treas, from 10 to $1 \bar{o}$ or Conso, a l l lonkigs verfectiy ligalthy the shoress of Lake ionat sands of lowers. Tho Count inal meorercl withi been cultivatíng Camallims for mayy yema at 又iec,
 rufignal him groat trouble. Ho had tried various
 panted thrm in an s composed of ctarcoal, deonmposed lusual sol 1 soleted and sa chesinat lea-minu t, the asual sol selected in tas sowil of Eurnpe, hut hai mported soal frum the ne.tibourlood of Inde Co raport he bas dome nt a great expense pitas coil ich loamy peat, more coulpact than the pent
 mount of ordinary leaf-mould. It is more suited to Lbe dry air and scurchisig aun of the Riviora and Nico

 khows sueh surprising hurbrance on the shores of taz the usual idea on this subject, he planted the Camellias n the shade, but recolloctug that the Cowo Camellas are planted in the open, in a blaz.ug sue, quite 24 sarm as that of Nice, be bordly threw aside nil attempls
 duantater I msself recollect beng much surprised to see the lirge itre Camelia at India Comn in f.lls, always for und lierever I have been before or since I nave always ff und lal shade menkeated as a preeept in thers Camellas4, coveres with thouzands of flowers, beantifu. ss they are, have oue great disad vantage when compared with smalar plauta. AB the blossoms come inko inwer In successiat, hith not ali st one, many mast be fadang poil the look of the tree unless taken off with tho hand. This the gardener doen 10 a conservatiry, but 1 t becomes imprassiblo when the trec is covered with myrigis of fowers. Thac, although it sounds yery grand to hase of Cameiliss covered Whith thousanux on a flowar at smaller, more mapageable jlants. The prancipal sorts eult Fated were the Inde, albs plens, variogita plena, anemrameflors, ucarnata, altueffora plene, Henri Fabre, R.va, Roume, pulchertima, Prunlempy, sod Grand Monarque Rouge
In addition to the plants whuls I ieseribenl last year as filweriog in April in my nirn ybrien nt thas t.me of
 throug t the wanter in the opetil arr - Hasyirtion robustum, juacifolutu, longifolian, kractle, g aurkm, regarratis Afunstus alnustus. Gremileg eipestris, Chamerops oxaelio, Bambusa Fortunet, Zamia villoas,


 ta th of niefratiche it conta us many re warkntl trowing tir some of the atove menl.oned plants


 '1ate purders of V
above platita, but is more cisecia ciatais inny of the maguticent spectmels of too MIAsa kasele an f of the Arsucaris which it cuntang. Thoy prow aloue or in groups on the lawn, and are al. noble planty The draucarias (excelisa, two in number, hnve randly prom a a fert rears to an elevation of from wor 30 feet, and re perfechy apiendid trees, their foliabe ghasty and or qht, and each whori of branche sueswed ut the other with toatimmatienl prectation Ton kel and
 haselo in ght alsi, be in . Ls ative 11 your a or four bears the plata have rase, to a mazat of abowe

 platiterl it the open ar rat sitact and erect, fuldiag
M. Gasteur's garion is quite are of tue rariosities It oceupress larke ares $n$, hity abase the se
 Varuots aver oes have beon formed of Fabsalyotia
 ormer havo becomak th anaiz uz tignur, the two and
 Hedtherrancan sal $)$ r Cato sumper warmeth, the lallonesg of the wintura, and





 the
the capabiltites of the Buil, "tid , wad ditmabe of that part
Dracronaz, Dasymions, Fueces, \& ane whowh would
 pre owing, as in my own crac, in the specimen planted being recerved dirtat from hothouses. In his and estadimatnent his plands trased from seeds in heath afloorn yradualiy, Eopt ent rely without protedit dar or wo and then only given to his cuetomers. In are, the il ght cold of the southera wioter II

 Winter en d between Thuton and 1 'ise in neariy all ront, or to a degreo or two above or below, several hant, or tha degree or two above or below, several t.mips th tue winutar Among there were- Poonar australis, I ubraspectahilas. Sealorlita elegans, Coryplia araterile, Dion miule Zimis horrita Cyess rapolato
 ploriona Casusana tenutsinima stricta, se Ifo bile col ectan uf healthy Arsurar:a encela, frond 2 to 3 Cect huch, whach ho ralued at Irom 2 , to If
the mext day (April liv) I was of Cannes, and brosa, whuth 19 tery sheitered from the morth on a slope all biat due moulh. I found regetala in quite as aivancos as at Somtome, Niee, and Gol ouna Tue Hearmbryantkems liower lomn the bunk sider like r. sers of purp entid war. The Banksian and moutulora
 arborea. Inere were tu tue open, it a atate of perfect healtu, large sperianens of ( ${ }^{\prime}$ bias mevaluta, Dion edure Guamerops rexhneta, Plogntx loononsis, Aracatia Budrill, Aral a Sietoldu, Juse Ensete, Dasyinion longiss, mum, Yuced tricolor, Alsophisa australis,
Rhonals corcopadenuls, Dracasa indivisa. Indeed, Lhe indression prowuced upou me by the carefu examination of thas beautifut atia well-kept sarder that ulthough parts of the Genowe Etumara
Ifaditercamear underchir, way be more shel from unsagraenblo winds hint Cannes, the smoun sun-bast recenved there, and of real protes. nearly is grest as in any other regtor I may ago, a litule later on wiprit in I fotind vengeWion or Coty neariy, if not quale so nalvanced as Bt Nibe of Cenmes. Athothen mirye troubied with the whatral, or north-west mind, win. 1 in the pestilence of the South of France or Proven:a. a wirat share in the
 4 protel by tws resetaliul
From (annes I proeveded to Marspilles, wuit, beasi Ies
 jeaulifsl krounds and hothouses of Mi. Sonramonges

and moat coniplete $2 \pi$ the wictaty of Marsenhes. If was
 protected sonst une whath I had , ost lefl. The recent premmee, ani the hat tus preserge, of wo lat lude evident emarymhere. Altiough io the bamo lat atself
 thors stach is ? have ilezer bed Do Lember or Orange trees, un Pa me no loramaz, no Dazy fions, and
 an mathations. bad their leaves sinked by
 bevere weather ithe kardener, a wery blelligent matis, Why fudy aware of the calse of thas mitute of things.



 2ng heat, reflecled froms tio linestone mourians that the sursound it. Esen tu bummer 1s was the freezing thernsometer accisqonaily descephand, the south-wes Dont at might. On the other hasd, thely as to bead and hreak trees and surubs, ot to despoul thom of neary ain there folage. Tho month of 3fatch this year bac been unusuatly stavere and bcisterous, and many girubs that had wiocul thene rercund for jears lave beca hilled In than monerwator es ald hotheuses however parden at Mentone and in those it Cannes Fice and IIsorpy in the open These plants wiere al
 muth essa attentron ant heating than in stmilar house in the north of Fairope.
from these facts may be deducod a concluaton Which uiy researches into climate, ss evidenced by have rcpentediy demenstrated- - i. 2 , that thornugh protectiou irnm porils wirda has an extreme influence on climate and regciat on, an influenoe which th requires many degreas of lat tude to compensate. I am now on the aro of departure for Algeria, with a vial to
etudy this interestug subject in tho north of $A$ fricn, and she ind a futuru etter pita the restals obtanaed Beary Bennett, Jf. D., Mardenlex, Apral 13.

## Societies

## Rotal Hoknctiti RuL May R-(Thund Synigg Shoub)-Pot




 Yarichnt Nitel, and of Conor do Liom. Mr. Turmer furnishod
 blocmes, Lobopoid Hauberg, I lipgo full bripht cumino flowery CHlpe Foreojier, very Dicely hlownod and Doctour Andiry,



 Turnor sid Mr Wi dian Pail Mr Turner y enlertion whicl

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## 宽

 $=$ ho Ttane ith
 mailor In ofzo. In the clatm for tolfe end fondections, tholigh of Artiot, Mr Ifooke, Metropyoutan, Cbarom fine nhoty flowers

 slany and attractive of whinh of atpino Crariutien, the mont















 hited in remarkathy god coardstion emal-during the sutemess

 varsegatod varlefy. Matits from Messrs. Slandish \& Lo Ascot, to whidh $\$$ lat prizi tran iswarded. compriking four mies y lesrien half ntandurd



 with biff mpk ts on tive "ppper one antuguticr a elseerfil





 of herbuctous Calomilarian Mr. Lacleto, Court Qardens,
Marlow, contributed a liandsomo breco of Blue fiown



| wite Azale., |  |
| :---: | :---: |
|  |  | Dr Lindi

 Peilowh. Dr. Cobbokd exhiblted portont of a Poxtginklar Dr, Pror by him nephew Mr F. H. Goluney nf Chlppenham










 adopt d that India war the fralkizecnso cumstry + md thi
 Souks, nutwithbarnding that arker proval 10 tBit thist

 1 deacrlbod in the prement papor. Thoy wetre moned roppockivily





 some texarufut treey of the Bobld ( $F$


 fowernig speciture ba of Callixeno porybirl and Micrasia cuccmea was in find fomb





 Throta

Epoctes were describerl. The papers
Wotices of mooth.

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 2açure, butas it comes before us nom it aper a need of further retisjrat Were the done valuable poptur conppend,ua. regret that so much home and labont oxpended to so little resuly. The noores ardit
 all cases contrutherd rement dascorena
 and coloured nintes, the latter from tha seo Fitcli, it may be desirable to cilduct ery idena of the strictures we feel called on to mase

 the seeds, 10 Adorns and Tha, ctrina Amarait ans it
II Cheroliod,um
With the finger "r suganat congenes
 confoul to Pers, but is anw verg get over the equatoria,
ing inteli stenco thı figd the plant prud rees femalo blo oothlty, and the

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 been but as is irastis. from ines not own
 We mught ette sery niany more the might enters the rocessisy o a thotte
shoming 5howing tho socesitenh
which lears so preter



## Adts Frix ，erant pour lo Prlstomps of Ete 1 ，Ba

## Foristy＇Ylowers．

3yotictal milinery！We can find no better oupress our rdes of a praction very commonly ou，and or whi we iosite discuwsion．It 1

1 hewers，seen at our flower shows ar 4 小（d゙いrible？Legitimate wo think noer＇$\rightarrow 2$ a xte $t$ ，rithetugh，perhope no two ind
 In ad Tat wrise are sware of，absolutely forbidien by pit．Desmalio we thank is is not，apd the
 an knows well that success depreads chienly
 Eypured in trioking it
Cnoe the terme Fe have chosen to exprese arst mithinery．Now，these two points uly equal weight，the＂skill＂in production tailig Themore lapportance than the＂teste and lightaess －minne derived from ohservation，conpela us to in great mensure to to taste and lightyess of oflon exert an uandue jonnenc
to ungure consiom ing the whenco and whitu Whing the above compartion we are we．BF： tot grown，it is the work of an hour．On t mory，a plan
by a long

 Hhat transient arts of millinery．We are free

 at an orte，atal arrancra that enghath mas to citat irom the beauty and effret
Coh thet is wo concede－nay，constder
Linke a $p$ ant or llower ook other or than in fealy s，tind no sympanpy in oar nature

Heng of the petals of Peargomums，the of Jianas，the puramg of Hyacintiss all
n more quest．onab e lonents．By the
nay appronon mpo nearly to the
are are reacharg alat．lea，by
ans anepr we ratuer than by corticuibura Do not let us be misunder－
tira it is the means
to react them，tiat wo take up
do batilo math．Is thin ${ }^{4}$ militi－
sirable ${ }^{2}$ Wo thax not，and on othor are 1 to us trat the der me tr tare cultitia

b．are nay be hoodwinked，a competitor 13at the ablite－how ines
保 ${ }^{2}$ They west，admare，and phreltase from mast skilful cu tivitlun trelr aritecoulent． realised．Heace el sappomtineit elistes， Teult，and the for is awakened，discourazement cand but tle $r_{s} k$ ，then，that ill 1 stice to the sithe of thinge wh eximbitors themselres And lin rmanesy lies with the judgea．
 arsiored manu clear or stripsent
osis intimaste to exhibitors that the fad ba mitir atol to recomnse the slitl of the Luet mether than the mode of the arthat；and on mork out such nstruetions，thle would

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 arener，and I think，if I may jadge by com－ if hymen khoours，by no means an tingurress
 Warian is end sotho iraproved blves，I trote to mo recownended and prooured for
 disappornted th find luat ticte tis wo wadow in wa f sm troubled to find out how the swarm is to be shaken into 1 t，the formes oocupyiar nearly all the
spece from the top to the boctom for the bees to fa，throuils l canuot ilazalne how
 the stook hrae．If you could give me anly adsceace as wo what I had botter do and any informats an as to tin Fill greatly oblife 1 Lady of Sowth Deron ［Alayy practical beo－keepers who use，aluost exclu－ therr belag furmiahod wath any $w$ ndows，bel oring them to bef，to a certan extert at evil，and preferna， to becomo soquarted with the moternal conditzon o therr atacks by asotual inspeotion of the combs by means of the movable frames．8till，to muny leag amparionoed operators，a window in the hire is a desideratum，and it required by moy purohaser，should be gipetrsily ordered of the Inale
rames of these hives，our the mode of maras ar thr referred to papers thich appeared in cmer minithtu an
 but a for separato dive tome may be nare tureptat
To perable the hive with a swarus，let the heen scoured first in a common stram life．Kavine un－ serewed and romover the cover，nad having previmaty ander sude of masch was alang late centre of thit ander sude or each bar，or nttathed to themn hamali proper position，and the hive on jts premsament etand As soun hat the bees are pretty hire，onfry it to the atook huve，which hes of conpeo no $f$ the firse thold whe hie frames；hold steadiy，and，with a whirp coucua an between coll hards，shate out bhe epa on the Lop of the bmert．Repent the blows uatil all are down The heey will zarend wher the top and $\alpha$ des of athe that form may be lafted in by mpant of a shoot of zine or a broad atilf feather．The cover may soon be sippe． grad ailly on from ehe side or cormer，taking ara no
 the bees disappear tar eatlic
Tlue beres that take wige wali
ran retruma Wa prefor doint this in the day thue，but，if preferred，the oneration may bo laft Hett thin rwert ng When the bocs are kept in a bee Hain feas likaly to oarme a commotion among the otho colonies．
In the caurseaf about $x$ or seven daya tho frames shoutd be hifteri auth atd any combs that are bot perfectly atraught should be pat righto Thas may goneraliy be done by s genlla pressare of the atageras
but sometimes it is nevessary to sover the sttachmen but sometimed it is nevessary to aver tire sitachmen and，havizg bunt the comb in a paraslel ine，retain in its place with temporary clamp or slip of thin nood．Care mast be takan int to turn the comb oye sidewaya，as，being at this time very soft，it woutd almost certanly break off To remove the frames， begrit at one side．Ahift two or three of the frames ran their notaries or rests，puphany them a hithe apar afted out Haring eramined thera，reat it gananst thic onde of the hire；then take out the next frame，sin When done with，put it in the place of tre ons first the other ride，when 1 bat ons must be puth in he las space，baviag in fact quile ohanged blde Mady aptirians now alter the posit on of all their frames，an as to undure the bees to work straskiter．$A$ little of such care at fiss jention and remorai of frames a very eaby task．

 great success．Uoe advantake which thas is that yon the bees another is－the queen never lays cygers in the
 that wny I took 24 ，b from one h se lant，car，and it



## Manfield says of it

may be but we bive cut soer any luve with arrangements of of The impornt of bonoy－ 28 lb ．sald to hase beed tnken from oue etock in a seasou is nothang extra ，pertat te honey，beng ana aversite of 10 l 3 b ，apsecta one stork giving tolb in supers．All this also，be it arnmbpred，without destroging any bees，gnd ceasing Fithatanding what we have just otatod，we are not dilsposed altogether to run down the hive reermmended by our correapoodent．It may bs one ezaotly sutited to ladieapabilities of the more timid oprarators，amd for partin 28 partiouar．to should be glad of a fow particuma of management．\}

## Obitutary


Ot Monday last Sit Cif\＆bt ra Weytuvatie Dit kit died bormewhat suddenly，st St．Petersburg，to whic bi


Charticulsurel Sonety，He matisorth the ondy son of Mr time Eistor of tho Athenceun（from Whath Jourall we borrow mont of this notioe，a crotic whese wrinapg on Pope，on Burke，and on Junius are known to all deasaed baronet was born on the 1 ith of Februar 1810，and was cilucated at Westmanater and nt Trionts Inall，Canibridpe．For a short thue he si dibel lat part in the hterary aboure of his＂ather，whom ho arkely n．ded by hus on．thated tastes，mins wide range of tuformation，sound ju lisment．and habits of buinness tho afterwards gave ui L．．© el a re to the atfars of prominant part in tha society of Arte of thin promnent part in the Society of Arth of Whioh he wia for mome years Chairman of the Conncil
 in no slight degze to bis rexticas．At ithe Boardis of these Snciehers he lycame eequanted With the Prince Coikort，whou be assisted in carry－ tag ont many of（he great seberrea for fublize improve ments whoh ure assocrated mith the Prince＂＊name ax max one of the first prometurb of the fireat Executive Commitiee．On the conolustoy of that Finlant blecess he was loeded with tho fevars of foreigu countries sud sovernigns，and was opered by comm an 102 a lapge lorn ary rusti fhe kn kht hood he dealimed ana thick git of maney lie ref azed
 In lsis he was ajss nled by t．ee crown one of the Commissioners to represelt this conntry nt the special report whata he prepared whe presented to the House of Commons，sad ordered to be mernted in the following year．As in the rase of h a previous tisbours， We declined any companant ost
When the secon f（ireat Exb．b tinn－thint of IN， tlso fipe lloyal Corm so biars for nomdurluak it an 1 on tho Prine Consorl＇s unaxpected detrake，her
 Le setad ny chairmara of the committeo of the Inter atd by hra active busineas habitz and tact contributed

 the soctoty of Aoturuarion a Fellow of the 1 as． the 9 ，ine Motertum，nud of tho Liveles Lithat an active member of many other public and leirned bodiea．
For some $h$ nize past lie maid boen in fating hoalth and his freands had hopod tiant the trig to Ruasia Would do him good，but the extreme inclemenay of tho Weather in ma nord of Europe sgra Fated ais disease Ho married alry，danghtar or capt Cliatleld，of the Marins Capsiry，by whom he hos let two sons，Charles fontrorth ad Ashton Wentworth －the former of whon

## Miscellaneots．

In intrelas Brocrult This in decidodif a finti－olase late protect ug Broocoli，and mout desirebie where t hat arwayo do comand 1 beliefe the stonk is Tho origually obtumed it frola tha atis latiented Mr Stovemson，of Lambloo Curllo．Notwithstandiag such an extreordianry monson as the one we experienced fant
 plants I managed to $\begin{gathered}\text { are } \\ \text { of }\end{gathered}$ satisty my mathel sabgune expertations， 83 rekards． lato Brocyolt I tonormily grow a few of the newest that，as a late Brecooli，Wateribo 13 quite thatnet from a．．I hisve mitherto stown Thabihiamex tha value，inas－ before Caulifowera are ready for ciuturig．Let me
 Brown to sernto a jacket of th．W Wterimo， 5 I I leet Florite awd Pomologut，

## Garion opperatinns

## （For the cunting weak．）

## PLART HOUSES

Fichmeas，and thetr allies，Tullandstar，Bulbergata， that shozid recelve more iberal treatment now that they are forming fresh growtias，The prester Bromeliscere，of whtoh the above form part，ary nalue tropical regtors，hence a brah tomperature，and on atmbaphero dennely eharynd witn moistere，wi， gait them dering the tien of ant ve prowtly，st the
 to maintatnel but the ntmosphere shoul 1 be allowed man and mora sumy hurna anowed rogured for the matumtion of the veure erowth
 pots as wike plants，if the yoins shath nee serertd To their ful erze thouliants slopenil be pomplyed mith
 firm $y$ potech．Finererumotbea marelustual plant of in door decoration，ge they contie into fl wer at in tame or tua yess for that parposa Hulbs of Paltatithe soberaes（thalions

WHE (ARDENERS CHROTCLE AND SARICYTTTRIL GAZLTTP

They require a rathor high touperature, and delisht 111
BL
no
nok to give thems too mueh water-nf, indeed, any, A mont atmosphere, mith a good brisy iemperature, When potted anto 48-sized pots singly, and in acoarse MI It yerlow loans, which should bo fimy pressed sround
 orantions, to ensure thas they should be placed ngon enelves or mamiln r constructiona in in ordinary grean tor ara tiont
 It tho 1 lints were piettete carly in Aly it the pois, wi rol
 frotly clear liquid manure will be very bemefleial to flowertig pots. Great cere blould bo thkon in staking them, that do unneoessary injury be doae to tho row Thes atakes stotic be well potated, and as fem used as powible constatertly with furnish1ag in eflaient support, and euch a thining as west diaplay. It will bo possible now to remove some few finn amnnest the hatidiar virneties of stave flowering plants mito es conservelory or similar cool I nuse, whipe their mants can be attended to. The ctil form whatever, as these it permitted to corin a confat with such Eulyects, mest acauredly give theric Buoh 为 chrt thet they often receive grest imfury from कbich tocy are very slow to recover. Capa four perfeet stucoess ia looked for, let each plazt be carafolly examined durigg suah periods at leaty two or tarea times a doy
The trofirrat , re of lator Finerzes should be ndranced progress wis anomediag to the growth of the Vines. Bo romine in paride bonders such at eflicient watering during the perrod then the Grapea are notually making heir secoad swedrag, that no portion of the border is of te nearly an posible the same dearen of heat as the toroperature of the bouse itself Ea lenvont nmudst
 rey ard artane the strface folage in surb fosmer that the largest ponssibue exlent of seaf nirigeo 14 plarpa in durect communication with the nemuitle to insure is good crop by leepint the follago 1: on be bod to occasional syringing, not onily as a pre ${ }^{1}$ te more perfect matirition of the mood. In rexard
 to show promaturely. To atcecesion mote regulat, it would bo advigable, instead of removing the suckers at the base of any plunta which have already fruited, to permit them to remain on longer than usual, giviog the old stoola fone prowth so and otlier miducements, to enconernge a a fa than ridinarily, waich at the end will be there pate on try iessen the bottom-heat proper of Pine parmer and more comforthble the warm wenther; the mantimed through matural then upper krow th cath be
 mots. If throwo hor mone the hent of heat at tre a a lower tomp any carse the hest of the tai-bed fall would be rar beter to tol is essentatly necessary, it material altogetleer, and so peronit superfic:al phatmith to influento all alike. Black Jamajcas, Cayennes, \&ar intended for lafe nitumn and minter fruynme flicul now have there final shaft into tha frulting pota wit of urther delay, of course netty potted plants mus beit, A yooul max mumble ard constant bottom touted to pervade Pmernes eroperature masy bo pelt of er closing early in the aflernoon, and with abumds linmend it in the air Tho nleht temperature shovld bo one lesa tan the above in the ordinaty may.

## hardy frutt garder

moneraily speakinge culisustors are apt to lenve the auch as ara erown then prar trees, and especisily on the joung mood at their bave a1s become epalicrs, untrl an hit for is necessary for its remena.: I do not wiah to fellow laborners in this or ogmetically on any of my apor strdyng this or or agy other department; but
 ile 10 thus mat that to permit a tree to krow fildmanner that all furing tia bel he best wood is entirely shaded lenist, injuripus to the of growth, is, to say the enauing geveon's crop. Fortron requared for the leave these young alroots to habitusily in pract,ce thet when we cun cut them grow to such an extent, fower-buds should form upon that it is intended itat Wrl tech we leare-upor a short apt in lon of tha wood it, however, wher this process 18 , is lacts so late is tubrcughly have we chected tho growing powers of formerant ree irst, bs perm ting so extemsite a wood that il mect ind seron my, by such sidden? muthostion, Lat in wer-Ludt se domi rea ! form In lecu, homrentualiy canse formstion of an ire inaured, which
of yonng shoots. What I tidrise, therofore, ta-and shoots, which are ot this time aotively formivg, b pinched back a fow at a ticue to two or three leave rom the base; tuereby dmitted,
 thus sumessivity pinctreak asonin into lateral slinots ot buds, eyen ir Besides, thoto sin $T$ danis tions pesrer to tha meta branches wha asharady forfi plump flowering-buds, whilst not a tithe of that ran arrade sap and whach is so detrimental to'a sood Smuit cron, and ao jpyurious to good flavour
MARDY FLOFER GARDE

It will now be quite gafo to bed ont. I have pre yiously given somo hints regarding the preparatiots of the ground for the plants, wa, and it will euflice now to sar that with the ground in good order each plant id be pressed firmly into 16 when plavted. Deep is ants at thas season is gure to react injuriousty upout the beds so planted ore the sesson is over. In regand to a proper distribution of plants, varnous colours, bo., it would require a volume of ttself to give details, Distinctive colotrs should alpars, however be placed in justaposition to each other It js not almays quavissble to place two cold colours tosether for iosiance thito nod yellow may be sulficiently distinot in some peopie's juceas; these are both neutrals or cold colours, however, and honca a pieasing contras cannot be obtained. Most othor oolours wall contrast well with elther, yevertheleas. In a geperal wayoviag no aoubt to the great fariety of Pelargoniums whioh we possess-we have too much scarlet in cus womba wations, whiul is not so mand seea und the whole is fully displayed in tan midseason of their besuty This preponderance of scarlet we should oesulforvor to ccunteract shles planting ; we may do andearour to ceunturact whey panking: we may do pariegated Pelargonnams, and by a slighty aldition of variegated Pe .
foliage plata.

> hitchex gardex

Tonatos, Tegetable Atarrowos, and Ridge Cwewnbers may now be plauted out the latiter on to mounds propery prepned whath slight amount of fermentng maternals, and whith hand-inghta placed over thom is part protection. A mat or two, or some other lsght ubstance, should alao be thrown orer these at night for atweek or so. Anothar sorring should now be male of ate spring Broccoli, and also of the walcheren Catis Rower. Lise the hoe vigoransly during any tine drying weather which may follon the hoavy faing we exporience whlst I write. Forward all orduary work to the utmont this welk in every department, and so afford 4 far and olear start in company with the newlyheddrd out plants, as an eardest of a goodly summer display. W. $W_{1}$

## TOWN GARDENIMO

DAFLIAs may row be planted aut in the open borders, In the firat place the holos should be made ghont 2 fret wide and 18 anoieg deep, ${ }^{a}$ good tmiztu re thoroughl ing skouda than bo nad , thiw, when in the hole and be trodden down tornly forma planta may then be put in and natale ahonld be trime ato the ground alose to the roots oll not be jojured when they the roots, so that they may ghould now bo platted with
 and forer bonuthly is which whil thripe well and fir beaukuily front of the bor eat end, sloping from the whil to the the cuttine box whicil will in a grow measure prevent or Connt bnx convornitut major, if planted in tho onde of the moks a trined roluhd the wigdors on fing wire, will make in proty display aq creepers. Fern canes should littlo from the eun, and they would be greatly nenefited if a litile water could bo poured round them ocen sionally. $J$.
aTATR OP THE WEATHER AT CHDHFICK, NEAR LONDOX,



 Wind $A$ great quamtity and sompar
with
 at Iffitht, arimed withan lantorn and thaor










##  the perfoot atate. Aporspua bectle,  




##  <br>  your beit fritonds Opon the Fundoris, alat the quit.

 Fsurbiting la their prerent ofte.
 campanulata 2 , Scila nutans-
 Mr 1

## 


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 41 Thers． $1 \cdot$.








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 min bo read：tho Pemiderch Trution

 in pheo of thoes who meire by rotation put ero ingthe for reviection．

Il．4．JENKING
18 1tenoter Square， $\boldsymbol{\text { Wr }}$
Royal agriclltural goctety of enghand．



## Che sigríultural Gatzette．

SATURD． 4 Y，NAF 15， 1869.


May if Oqemery Agriteultarit bookity，at Falrymed．


Time，＂enid Jord Jaron，＂1s the greatest of Innopaturs．＂We all belacre it but wo faul to realizo it，sud fear to act upon it．Our Yestordays aro treated as To－daya；and wo canservatively olutah the empty forms of things whose assence and matornal part havo passed away，along that fir－renching wake that stretchos ont bohind wis mato the allimatablo l＇ast．

It is is pleasant labit，and picturesque，An long as we so singing on，Like Orpheus，the rision of past realitieg meenns to follow 119 ，eren as wh matrance into the outer world，of hife，and fact，and To－dey．But the ingtant we turn ryund，and look it in the face，that which seemed most real loses its reality．Aud so it is with tha fondal history of Land．

The time is not far beck when Jund was the only kind of＂property＇that existed．When there were no Canals，no Railroade（nor any other roads arcept what a Pack－horse With its lopd on its back could brush along）， no Banks，no National Debt，thenefore no ＇F＇unds，＇-10 writigg，therofore no Billo－of Excbange，or Saie，or Lading，no form $2 n$ fact in whuch personal Sayngs（the only sourco of ＇property＇）could exist－except bore and thero a secret hourd，of gold or of jewels，－1t will easily be undersfood that Iand wes the ondy property， the ouly thint that deserved，or bore，the name． Therefore when a martior took possesslon of a country，at Aomman Wiclias did of thas，he gave to his caphans and followers all he had to give，the LAND：nat for therr own，but to hold under him in foudnl frutert Except himself there whas no suath thing as a luad－onstrer They were all＇Teryants，hel leng the simple meanag of tho word）uader him
or Suzerain（Soveteign）their own of oomentiot
could not sell! A Colonel might as weal than of the Act of 1892, which limited Lend titles to

 depended from father to sen to the rident madefousible titles, unawating, Why was tho of course, as burg the first who cosh deseltuteren oft future, in rigor suecesulen of 'primo genturo' a lathe ret r bracken except when
 at the shay of a laughter, was as matter rif course mmedatesy consigned to the firm Favourite on s the re pal 1 , at who wanted a Fief Homember there was nos statalug Arms, yo Nary no 'iwo Last do Harhament to 'vote
 the whole body politic, say rather this pyramid, of which tho sorereggi. was the summit, embraced at once $h_{\text {d }}$ in intary frow tron: 1 of government. The land was the bails on whuchat ail stood, the puget on which the whole timed War being the tho occupation of lift. -the 'natural pursuit of man, tor follow to the field some Warlike lord was the Rent which each rrasel paid to his Superior, throughout all the lugs of the feudal chaos.
But there was ono class of Society which ind nt go to war The Churchmen of those days (for Lawyers, like other notional blessings, were of later both) wore the only scholars as well as the only lombards, the the land m.pmenemsense of the Woad, and by degree, invented moles of lextrm, End then- leasing lurid, which, grad bally supersending tho old fashion of entrof fete, furn shed one nit of several ingenious aud nwisure motes of posing the actual * enow ny from ola to anther "r "ts and in an esth ray, oven of conveying it info se to no mana for the factual benefit, or nate, of another, the latter that etyoying what Was culled the qu if t, while to former hell? the loyal, estate
lint here lat us take breath $f$ ra morrient, an $I$ surfer the jangle we hare got into! 7 abl Sur run, Tenants in Carla Crofts and limefinents, Lease and Release, I gene and Trusts, Legal and Fquitable Estates, and Fouclal Tenters ja fersersll With such a pookbulary over ats head by way of pedigree, will te how be wondered at, that that unhnppy bit of land, about which negociating; changed masters wee complacently Che ruv-and-Riceipt-bonk oprcrationo abort it as offer the dy ats of they hat prithee! to buy arid
 To modern eyes tho power to buy an of ownership. That frochom and faculty of transfer, which las during the past year enabled thremand a half Belumos Sterling to change owners tho growth of Trace, and 'Come solely to Manufactures, those - Lounger Chaldron, and national history, which as thor rose to wealth arlepterl to the stature and antelupanemelves periods in which they attained to cor the existence and maturity. Lawn are to a prorate very like what Habits are to an andividasl: it is old one and thus wo than to alter an posed to find the moplera taste not bo sur. society clothing themselves with the leges While Land wa stull straggling ingenco. fetters, say rather tho swaddling -clothes of a system, which while studiously retaiaure of that which as recogniseard asserts, deprived it ell proprietary might, - the pow or of disposal, or
There nan nobody to hang, or even to blame for did root a ak e it. It fret of the lawyers, They

 chivalrous mitrdependenco, which ming a sort of thdepondent barbarism. Tho enl is, wherein thing has lost ito use and meaning, and become into the socket the candle has buryat down into the socket and grown mischievous, that becoming -ijsagreeabio. pat on to prevent ats

But why, you wild
Eystenn exist no longer in the other obstructive Engrave, once as subject to feudal laws as England, and has never existed te ail in the Colony-why foes at still hold ats ground in the Why have the efforts of our Imgnandature, as mat
proposal perhaps the best of all, - to cut the from ian hint by Insurance, buyers and rollers donating to maury till the twenty yours
If you ak the question of a lay man, he will answer, smiling, With the aphomsins that "n an taft worms itself And as the alice the ni they rat $t$ du ${ }^{3 t}$, and the Conveyancers worm' lo
it, landed titles in England and Ireland can only wart patiently for another Deluge, or gore terrestrial cataclysm like those which Sir hor Entice Mrrctisen and the Geologists tell of, to give us a fresh start altogether, aud pat ins on a par with IVolland, Denmark, Norway, Germany, Switzerland, tho Typal, Italy, aud Belgrum, where no doubt somosuch convilisucrss must have happened, as they have made short work of l'ourlatism, and demoralised the convoyanvers down to the vulgar dnetrue of small profits and quack returns.
But if you are not afraid to ask, a Conses adar himself about it, and he ahureid chance to be one of

## Who think of nomothing dist letilit tho per,

he will probably ask you in return (also mating, we to enable yous to sell land, haw Horses" how would yore set about soling a horse whose minuter had settled bim the such $n$ posture that haw hand Was in this century, nil his tail in the ant, or Emersed? If you cordial se burn, how what y om throw him? $15:$ have $t$, leal in a kinil of trace hanna far-reachuge that, tl = Atlantic fable, there deluceta than the el curie bruti-threat, the norse




 They are nat real chants, those antanatals, Remainder: ' for they then always "coming," ads there hate get, and for ever and for ever hold the Fee, while that poos breathing wretch, the The in being. that "Tenant for life' in farl,
whom you ignormently call the mower, and address at ' lisithre; $2=\pi$ bond whin
for sitar at tho wrong end of tho metthenathe
 18 dally dimarahing, while the Remain to manas Horse, is daily dilating, and enlarging on the
You any that that won't exactly do, for the purpose that the roil was made for, Hz, its agricultural use, that it wis meant to be cults-
 enjoyment, aud that the land, if it bo 'real property ought also to have a rend wile of some Affine", the Ten ant ammon amenity the Labourer some 'place where ho many lay has and fou say that thees long-mudderit system
 With th ll of then, and ascrifizes the present censes totira uncertainty, which the very instant it possession, dy champed down in turn to the despised and despicable 'Lifo estate, and from that instant begins to

## Weill ! what can the Con action.

Family' has only to obey Instructions to holp Family' asks it, and "the I, aw allows it." Yous
 Jowl that, it 14 as weapon it to thin sine ter wad
 dock 18 better than a dead loo, is haring Visual
 on hes back, in the shape of d man of th+ easily us Aras to inherit his fire thoursyer) ns sounds dreadfully 'radical.' but it 19 the sp rat to 'disestablish' this arbor tyrant, and restore English and Irish eth to "any and restorn beth to an Revolution America? For it it gish a hose 'rested intruasts' it amongst the Cinbow y! themes the rub! 180 cruelly disendow.

## Tout, happily for

wren his objectionable cento a to



$$
\begin{aligned}
& \text { be The corm market throughout th }
\end{aligned}
$$

 meat are livestock niarkela lower phase
 The number of beasts con Mondonts for the 3, 133 Were fore: mn, and tile h guest pice mat ur per 8 lb . Of slices there were 3 prime mate lambs mana is. per 816 . 8 - 8 .



## - The liter
















 of the rows for implements as already prana:

 sheep, and pigs as it is sate to pul up pe


 flat, ard id at 1 ta essitera enid
 to tie surface, to provide for the rap d drauiper fan water, if tho weather ahoult ba wet. lie lowest, bo den od, that the row k of dezorkhe there should be any considerable min nfl done Snout "i thisyenr very much en annal by the be trounced the nasal good far rite st the Sadr
 tho albata fortunate er ra instances.


## dote, and for "this Nettle danger," there an anti-



 'rise prize a sutosuther sire infresid


mors by the frovernment o

a momposite Shard
 cpectel, w1 be to serd to eacn Fimancia as fuye soe representatise of the rate ane wis strates. But, as maty of fic
 Fors would be dran a from both clases. bithat the the tas table restu.t of ase inspu, en $=$
 arimpted to me orr $T_{4}$ defence that tio wjury to the


 areiren ora sop a presumpt un of faulit on the part of
 Lax कasm, $y$ sidanell to by the man who had charg hur been tizins - bai bees calied to substatitisto it hatan the wefer iatot the lawale red noesidenee as to the perionad favo mbla esitence on that pornt been Bondes i scomen in him that if a person chose to onre a number of bulocks through the streets of thy with ony et man in cbarge, then, 12 harm it mishbe an it iv \&f fir this owner's shtereal to hare

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Tro uprortant zales of II, rham cat.le have rerently atramed stlent on athon? 3tionerers of hath-breis stopk © ater in nholn Mr F tetecy elfered for sale beifers al. belnw two yesra old, sed the sayue Bris Farn, Buekz, when Lrard Penrhen diemoted titemsles amila i, ills, Imorl Penriyn's catile made ibe rerg exoellont average of tol ios, all round Purithr jarpection of the prioes reallsed alowa that
 rontbs ntit. 19a. each. The Wild Eyes tribe were kreatest demand. elght indinduals making

 by the tion C Wh Fitzwis 13 m for 105 gs, and Grand therews ol was knoekerl donno to Mr $\mathbf{F}$ Leney at the Wane figure The Darangtons aso created muck cont for 105 rus, and Iford Kenhs secured the 15 th
 and to give a full 1 st of the prices and purchacery. - We beg to rem ni our reariprs of tho Costerton wout of ise on Th Tesday next, under the super, intend thtrate priality The sattle wo have notried on a
 of it dos both at the Highland Suchely and Border rom Daine,th, and three from Tynelead htatom Mr ki filtson, lets lork, haz purchased two tears and a bul rrom Mr lhooth, of waraby, for the en of surv is it some monlbs situce Captaid Comidspoed of his Duchess Jith wo Mr. Cochrane, inest ocoaston hus asseated teq equality with that of Whit, Rnde of the Tale having realised the same 4 younz buil he yal Berros, wiore gold for 500 ga har seara II the Vale, a roan, is shather, more that U-rosib (iadis, ahd LGRD of tife laciey I. ne, 1 inv, a.so a roan, 13 by Cikxixbsik IN CIIIEF iHo lst prize aged bul, $3 t$
 in by Lisi bittisb, 2e) l2in, acd from Roya ondenctaded PRINCE ALFKhD 13,131 , sad tiere On both indea from LEONARD, the stre of $B$ Ass,
ban that of $\mathcal{T}$ Ledey'in sale was even more anreessiu che that of Tord Penrbyo, the general arerape boin tho mo of the Gis figure wia, however, areatly due t



Grand Dees 10, sat an a prewously throngla a loug


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-Od Moss Rose, prehnsed at K llhow for wion pg. by Mr. D. R. Davies, has produeed a meh man brill calf to (irand D)CKe 10th Cleopatra $51 / 2$, of the same heris, has calved a white helfer to Grand Defer of Dssex :ITR

## TIL CLRENCESTER SCHOOL OF ART


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snot lu be alad to be allowed, in saying a few words to You hoongit on the stoject of ath, to ramble abovit ritle in tais wide domata. Oaty burea dayo go did nour that I wight perhaps bo of some ase here this eventr a and nowe then my ordirary work hat not perimitted me to prepare guchi an address is would have

theu, If bek, my presumphon in sppaksoge at alt in th. place. Let my internst in Art and uly dessra to help. in any way at all possible to me, on such an occasion a thss, be ray excuse for standing beforo youn and giving you for minutes tome desuitory mind a fer subjects of artustic moment about whech I bsve often thouthly
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## Societies.

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aitrogenous matures were only good when the necsaheavy land bemefited by thelr epplication. Ile was struck with the rumaritable effects whtch the potash in produeing a luxurious crop of Clover end Rye graws Experiments wera made last zeasion, and they conefirmed the precedta ones, and showed that it

Ily, zund very early in tho spr. " "Whan topdressinge were spplied to cereal erops it was necessary
to apply them early in 1 in, be thorouphly washed into the soit. Similar experi mente wera tried on Clover, gramp without Rye-prass
 "It wt, yrown with a good dressing of dong and uperphosphate, tie roats were fed of by sheep, witich had corn with the roota, the result was, that this jand was in excellent condtion. In this gase anothar nitrate in mis nor nulphate of ammonas produced any effeet In the rases be la! hitherto inveatigatind, nitzalo The Horticultural Sociaty Were now makiag experiments on Clover sad other plants, in which the salta
of potash sud smmonncal salts slone, and various ofber mixiures, were being tried ; and he hoped juteresting muxiures, were belng tried; and he hoped jateresting
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 the bent vartety to grow. They ahould avold an exceas
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part of the jear. It the spring and early twmoner the plant required to begrown a moderthe site, sud to bo pullod up impoedutedy it began to find, when its magr prodecing q4alatites were at their ti sheat brawne,
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M Mr. Reand, end necanded by Mr. Bokey, bruutht the proceoding to se iner

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 Mr. E. Rooms, of Boothall, in which to and - Were farmers to ocoupy no more krourd than thear omplet would admit of oultiveting in a meaterly manner, they would admit of oultiveling in amaterly mannar, Would toon be oodyinood of the great adrantrom


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alrepith without sufticieat notrashmeot. Daily are net properly palverieed, or aulitioiently phoughed tuu harrulled, will frocuce Fery seanty cropel bub lot
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 ptants，except in rery fucarat le sav i y rtis rakke
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 a* a, part of the hay and strat hoad conneet tho culsivation with the London marketa Bad Loudon
Though such furms th thene are ktil] to be found withan the amuts of the county of Madflese $x_{\text {t }}$ they aro credunl, 5 giving pince to the market ganden cult valuon alled forlit hy the increduln arca and reguromenter andon At incremed rest, donble and oven treble ae mmant of thal paid for anhble forme under ordiary cutivalion, is bll jaducembent whet tancionner. cannot we 1 resis , ismetimes the innis is pianted ax and other treas at mate ratersala. The land when lat is deop pinugled, wita a hears drussonk of zuatistap regetables, 5 rearh Iteans or Poas with lirameels
 garden proviluct fitled for the Tandon markeh, are graduady untroducen, and un arable farth beomen a gnorket garden, tue drawbeck of the dratanee frum w the intre duetion of kardon cultivatiou, which is degrista $h 1$ Msddlosex of its qas unltura ciara ter, we far ad Mrble cultury is cosacerred From the Hen of Ayrbenliveral Somety

## 

TEX paracraph which we insorted on Satarily lut
 pospecially of those phio can kivo their chickens porthin emount of range. To those, howeser, mho heve only the pen, or court, or efiary, in whit theit bind lire, the adrice as to the morama meal must bo takencauliously The onner of bisds so confined can pudge esactly of the quant ir of frod they aro l kely to find, independently of ibat which they got at bas hards, and aust regalate that which be gives them motordialy.
A fertile goramen of much atspaen among the hards. and of disappon'ment to the contiers, 3 ast, 11 eamman to

 that ricikens wh. h 1hat ist allm thembelsen on


 ppeary
 that whit mener
That whin wr pave adviend, and would will arow to hose who have tue care and kedine of fonts watub hav ghere, is 1 Lal early in the muratne, let the tirat uped
 the feeder tatces the vinend momiarire the food asd walkr aney from the boune in to the leld rading the


 and winder mi in vearib of more Me endorme fuly al What hut corn-pondent reys an it ti hemry supper

 feeder. Whatheve yet to emon what an Amencan felte cowl te reaty lite, the weights. We hear of are far is ox one of any stlaned by our Fugith birds, and if the














 meiturat dival, the b, a wound tikse maneron on aniohor lay, and then posiois the fuly








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 thero are arge arrivel of than, but at prevelt, owine


Onco
ora constantly then of the suporrority and oboppates firsi quality poustry es comparec with our own but fon irst qualiy the price pard in Parinas simag highar then al frones the couptr. Wh le our ant A) teburg or

 The game promperta mem very woml as rezardr the and jhar deek, but jean
 haroc among them.

## Calendar of ©peratons.

## May - Arofeh Term are hintrunday, Mas 28 and

 3artimas. the thajurky for onty nis momhal yartiod nertin areeagyod by the yeer mome hmeprior to Whemuade mo an wonblo them to arrange ebout khour gardenand Putatu KCC IJud
 at tue segarati in of the croun from the ground The
 the yous landa for Turatps, but mere minturuly

 manaly
 lase diverafied that it England.

Swede sowing ourmmencos thumonth. In Bootiond the surth of Engtand, and Iroland somo fatmon begio thout the matdle of the month, others tanneris its close In favourable weat her, 8 jb of seeds ser acre uro sown butia dry sensous us betror tow till the iny promite to be aumaram. Tbero will wea be thek briard lo stend agolust their ravaks thes conze; f they do not, then boe in $\{$ mot for ginkling by hand.

 datiuress are used, lo deler mon rax swi-den untilninor period as thore mown ta may are more hadio womidew man those somis tornards the stume of Juse. The liberal use of tae water dris. in dry scasops wha do maned to bvinte the ty 2 the early stase of the puant, and madem ai m subseysent perived thie \$wede 15 anion rowerat fint, grid, in a rule ter walar int shuldu bo und lonne th afar blart -suogess depetidiok man y upon





and seed－dral Un，wfertur sot a，watlis een farmyardi－
 dury，und tha superjilusplaste applaed in a aquad form along with the seed，or the ghano and superphosphaie may bo both sown ower the manure gac riverst．In appled by the dritl，to start the seed rato brard．In dry Feather awe farmers put a heavy roller ofer tito drills after tie sownek maclines，thereby rowing them flat，and lemtop the iand so if it had autusty boon Bawn on the flat，But in moist seasons the drisis or ridgelate are left bigh，as the land Fhen noid dupporis the rolleas of tie rash hine betcer that when a tho dry Stter ylan，botrarer，＋4 colectionabie，for whan both

 should be cosered rather deems－or，as at some trmes termed，＂dosi below tae weather，aus the
 the land is thorolzkily draned Tho practice of hagd drily in wet reasons nO doubt took ，ts Tise beforo canc was drameld es broted both menure and plant．
kice shock gre faid to begin their now yonr with
 midne of April in the south，to the midde of May in the north．When first tareed out from the homes－ stead they regure to bo carefully attended to，as the mgets are sometimes buting cold．This is more espe olally nocessary with mi ch cows，brood totres，and al． cattle that have shed there coats jo whim stalis．It is a good plan to ture stall and box－fed cattle out to opea yardg fot a week or ten liays before they are sent to the pagtures，and if there is kroen food，as Thares，or water－meariow Grass，they slanuld be fed on suoh fodter in the yardm，as as to prepare tham for the per－ matuent eliange to Grobs Bileh cown and working horswe are often taken from the figids ot bigkt duting May
Fatling Catte and Sheop，－The remaindern of winter－fed stock：are now dusposed of，those rifie for the shambles being sold to butehers，those not fit for olaughtering bolag sold to gruziers，tho commences fillone thetr patks or pestures from the middle to the and of the month，符cording as the weathor and the formardsess of the Gross may allow．
Fal Jambar are now abmadat north and south．In the dortb somo farmers buy in drafterwes（d－jeur－old Cheviots and 5 －year－old blaosfaced） 17 wutumn，sarle trem with Lecester rams，and by tho end of Way many of the lambs are sold off，ance the equeg then soc become fit for the shambes．The lembs of the ams follow as
mis foltow soon as brey are resay．
Dorter Ewes are served in the homs counties from Down begitniag to the elose of the month with Sursex mown of Aampshire Dowil ramb，for carly lamb．In many gapa the etres are brought and marved purpooshly torether．Tha thetrica of buyine in old emos for a tomether Tha prackice of buying in old ewes for a orop of early lambs 28 tills sithitir if that wi Way
 and dam fattening＂Sussex and Hempithe Luwn oved alsa bave couly lambs，but the hormed Dorset ewe Reneranly pheferred
Lawbing in May if common in the Hirtulands of Soatland－undeed is seldom terminates bofors the clore of the month in linte distridts．
Castration of Ladsbathould be dono in miff weather，
 the shambles nead zot undergo the operation．Tl： Fhole lamh flock 15 genarally docked and marked a the same time，zoma oply brand or murk the ram lambs and emre lambs selected for breeding－the markagg of che others berna left to those who may purchase them in the summer markets．

Etanary of lambs takes place with those dropped in February and blarch，and coathoues on to July as hoy come of ssuttabia 표웅。
Sheers－monhity and Bharfing commencas Roupraly sbont the eliose of the month in ois southara provinossi
 stom forkcimaters hare cmall washing places buith of jog one or more theep for the purpose，the slze allow ing to the Azee of che flock Wred io

 being dramed off below，pthers dem e rump，the water the shepherd stepding in g cask thind and an older plan is so cank whime washimg； and throuph a deep pool in a ryer or dem fo lurough until cleaty．The poet Dun appen to all a traam latter prackice when he stipe－

Guy whearing timo mpronclen．Flrat，to woser

Alulple go theth ond by one into the floodso
Azscois rs the wool is dry，ahearing commenmen，In the lurcer bul fook of the North tho shepherds join or chib，sheatslis first ong fook and then another， equit flock belng thus put through the sheare in Bacon
Hacon Hogs－－loung piga intended for becon sre lest nourshing fore stadity，and hence are fed on hambles as food pord these forced forward for the congomy to in porices ，but it sinart－sighted hean to loue their milk pig when are intended for

Preedtar to ther
Breestag anos that tarrowed 14 Februtary and enry curan wil bo dry，and coming formard to litter in Alloust；they should be well kept，bot not too fat，and this appocs to those still nursing．

Notices to Correspondents．


H．DOULTON \＆C0．＇S GARDEN EDGING
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2.




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30 inches 32 mehes
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44 and $5 \hat{1}$, BLACKFRIARS ROAD，LONDOS，S．




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## SHANKS"S PATENT LAWN MOWERS for 1869.

CNDER THE PATRONAGE

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## AND MOST OF THR

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GRTAT BRITATN.

SHANKS'S Patent Lawn mowers PATENT DOUBLSEDGED SOLF PLATRS, WIND GUARDS, AND SELF-SHARPENING REVOLVING CUTTERS.

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 largest Apparatus on record．These ary no theoretical atatements，but positive facts，and it is not too muoh to add，that no bouler ean boate a pirlile

For List of Details，see＂ILLUSTRATED BOOK of DESIGNS＂（12th Jdittou），whieh can be obtuned by addressiag a note to JOHN WEEKS and COMPANY，HORTICULIURAL ENGINEERS，\＆c．，KING＇S ROAD，CHHSL



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Price on Harsow，with Br an h PIpc ，סprember， Unious，and Suction lios， Lu $^{2}$
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Dramng and Hatunates for Wind Enginem，Water Wheds，and Hydrantie Mashiumery of evory deeuription for Stean，耳oreo，or Hand－power mall be for watled 4pan application．


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## Salts ty Ruttiont.

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and in most of the princtpal parks, sedares, etc, in the united kingbou,

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Whe growed to to sha best, and emriad off wary Prist that has bow grom in all coskar of competition. Sine the firve yetar Phy toen èntroducod (1856),
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SATCRDAY, MAY 22, 1869.

MEPTVG POR THE FLACTMG were
IEt sata has lent atl her help to make the St.
 Eximitions and lontweal (impreme a anceess. She joined hands nti thenccaston wath the East of Europe to welcome the West, At Berlin the Projossors and scientific men received with empressement the Belgiaf, French, Englioh, and other botenists and horticulturiste who passed in numbers through the city on their way to the capstal of the CYAR. Profesgor ALExaNDER Brats was only oonvalescent from an attnek of lllness whels had threatened to be serfous, and therefore, altbougk his reception of the Fisitors was not the lese cond.a., the mare netive part of the solf-imposed duty of entertanning them fell on Jrofessor Kart Kncr. The objects of most interest to the ribitors Fers of conrac thome conrectent with thmir cursuits, and
the Botanie liarden, the prabate garden sud (Irch d-hosisen of $\mathbf{M}$ Pophtr. whose name is Well known in connct or with that of ther own
STEPRENSO* as is maker of docomotires, de., and the various gardeos and palaces at Potedam,
 soom to have been, on the whole, moat appre-|drew them in the way he donnd wimm of grow,












 conventurabltum putt in her place-the staf furzines are to bessen in full blow to the present day, just as Frenerice the $G+i 1$ in it ith it
 upon an andient courtier in foll fig, posturniz an 1 grimacing like a Fremh dancing-master, amulat the great Orange trees which were just belng brought out of their houses under the influrges of tho delughtrail wonther What a
to all this is tho tratment of than flumsare grounds of Prices 'llastics, at Glibnecke. There all 18 Naturo, ir at least geome to be
 this wo alla to stly to the hurticultural nat
 Fartous grottoes sat tamples decorated with tho house iteclf, a deliciour, modest, one-storeyed buidung has many anch fragments, whioh hai been picked up by Priace Charles himaelf in his traveld, bnit into its walls. We sey nothing of this-some people like it, we don't-it is debataable ground, wo are soma monstrons flowerpots of the Chimese fashion, and fanciful eents and edpinge of erookery. Ons honoured Bev.
 binself upon a prantic Amanta muscorum, colourel after Nature, or puzzlo ofen himself in determinng the spection of mome new form of Fungus, like a planted lady's parasol. Nhese Eve not what we blude to, it is the treatment of the woods and grounde of which we speak. That made to grow by porntant watering; the frees are luxuriant, of fine growth, and of the most benntifal kinde, aud disposed in the mo-t lakrming combinstrons; ath every here nad theri a Trew is opened upon choice portion - in ti, mul mozeding goenery. As some of oul' ravins mas know, mont of thear lingal plictunt l'otwhan are atuated on the backy or wathin sigh of ono or other of the reret los ly lak, which are thero nestled atr sught wurl al halls Tho palace of Princa ('rishifat 14 on the barike if one of these. and the gTE dit cham of hat grontide is the excellent curitiarg with whath duferent Feves of the involsent portsus of these lakeo and wooded heighta are revealed to the apeotator. It is imposable to convay by words any idea of the charm of these littlis landscapes framed il Ferdure. Suddenly out of a think green artionia beam of brightness birnts upin the apmentator
the bright blue aky aad blue water liakhag of the eye like the cantral niynect of a fitw rative and generally a cheterau ir uthar $j^{n}$ tis tor $r$. gives it interest and nitality. Thens charimms pichures have obvously all boen formed wita consummato art, and, wa we aro 1 informmb,

## the Prinee himealf who has done it,

The commensement wha indeod the work of conceded the tule of first living landscape gardenet of the day, Prume I'rokepti Mt ratar -the Prnce of a simall fracipality nua

 the frement lir. It atam- thersteme is supposed now thit raci an wer. I the al litit it gardenet for a Flan tor a phan a one might to a thoemuker for a pair if ricotes. "f Fime placos mude tis order whth sccuracy and deapatah." But fine plapes cannot he smule to order any moxe than thay can bor made 121 a day. Fou mint tirst get your materiain-trues and ahrubs-tomether, and when they ano well grown and eatabligherd, bring them into mhape.
The perfection of laudscape gerdening is opening up a new, not planting and leaving opeace for onf. P'rivice cirathes, whan aftur fong deliburatum ho had fixem whores has pacture should tos did not frame it by culting out
 times destroy 1









they have the sudvantage of the compent, Mr.
Grester, a pupil of the Princo Poeklift M $-n$ hin=a't

 atrin tual in the toluscopas prouelplo. It hato pillars which can be drawn out and in, like the


wing ail trants to them. Fris Orchid-honses are full of rire platrots, cuminer wearer th jee of Mr Sireig. musD Rucrese, of Wandeworth, for health and






 one house full of the remaricable Sempervivizos and Euphorbiaceas of the Athantio jslands, are among the entbjects which come uppermost to our minds. Jast, bat not least, wo hould lake to have dwalt ppon the mstruation oommanicated to their visitors by the Berlin Profeseors
 for 1t, nor would it parhape ba beooming it um : do Bo.
 Ygisproyrose, to forma basis for discuasion

- ay, the offer of which prize was sugensted un our -ages some titue since (pp. 891, 475) by Mr, CaNNRLL, author of an r.tal the Mr cinl. 1
 .. ' mar le We tunderstand thet seven essays wom ant in. II reqponse to the invitetion to competo, nid thes giter the seleptton of the sbove, seocond paper y Mr Joxitith myTRE, of the Jersey Nationm erom, sas mi milered gulijeiently mertorious to be wera Mr Mornts, of pize of at The adjudicators Fere hr Morkis, of Deptiord; Mr. ANDABW Smarif of Duly oh, monested by the Rev. J. Dix
- Fo lately reourded zeveral inatanoas nlinmmb the apparent InFLuERECE of the Scron on the
in tha case of Abutilon. It was found by mo re tha,







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 seems almont certain that green In this care, trien, i leaver from the flonth whe produrtinn of varimater








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 Heme ellerally, mey do very well for the for the ertist, and wie admirers or tiehe - tre," but, nentiemen, We want ood, jight ir yer round, not s sufiocsting atmopphere a sod by extreme beat, or soold humid one
genclemen, 13 the use of light if from 15 to on feet atove uk, ercept todraw us
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 ion them? The C. But mhere us the gardener
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oot stus t. . do improoriblitites, Besidex, I am put in
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 and eppreciating ?lie atvice given; and for fear I may got into thatistabe cifering whinh I racommend es the chartoter of our houses, I would say, endeavour to underitand three lerus-wark, warmer, whatuent. Tns U. it sphitera than this, Mr O.-At that robuke MEF. U,
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## BEDDING PLANTS GRUHN AT CHXIWICK 1888,

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## POTATOS

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 th terle the scien stats ; or, if the ecion 1: bmiken at, 11 will
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 troublen as Mr. Putiock complains of Jitiad Potatoes, I heer, have grown out a yord 1 enmh To kopp Potatoa from growiog out I have them spread for this layers, and koop theon turned often. If you wish your It Fill intio
 hiad Hybrid, and the Early Upraghtes are Euch, and marete.

 Iakr, but of better fia + mal a mure

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 Hero and Tayk ris I[ybrid, both perfectly good. The Amenam lematos, kindly seat by the Ed.tork, ave



## INDIAN MAIZAN

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overy gart of each tres \＃hueh is swalligg ite fruit in


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## HAEDY PLOWER GARDY末

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## Notices to Correspondents


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## SUTTONS

## IfGROWY SWEDE AND TURNIP SEEDS，

## SBF SND UNADELTERATED．

gred from curefully selerted roots
EKRLY，MEDIUM，AND LATE SOWING． fyerat price per bushel on application Souls Garr wage tree，cxiche rary small parcels．

## SWITDES．

T CIIMPROT－The best Swedo in cultura－ －A wity linary croppere perfeetly lardy stores
 2－a bh，much cheaphe by the buinul
por PCRPLE－TOP，－A useflil varinty，fine stock． N
ग12POOL－A well－known sorth 9a．per lb．，much Tro by the bughel．
IT MAST TANKARD．－One of tho henviest anow，mad quite distind from the Yellow Tantard teralo．In．per lh．，much cheaper by tho bughel，
GTiHBD HARDY WHITR．－A particularly olloico的；emellent for lato espring feeu．1s．3d，per lb．， was delaper by the bushuL．

## TELLOW－FIEESEED TURNIPS．

TOW GREEX－TOP YELLOW HYBRED，mad EWIS PURPLE－TOP YELLOW HYBRID．－
 blozut they will produce a hotsy crop，seareely
 widesper by the busbel．
TMAM SCOTCH or BULLOCR．－Greet Ant Putrle

 und a enthen cropper；but should yot be allowed to Nand यfit December．1s，per lb．，muct cheaper by the bubtcit．
HITES ECLIESE．A vers finc purple－topped hybrid， 4 eblowg shape．1s．3d．per Ib．，tmeich cheaper by He hathel

## WHYTE－FLESHED TURNIPS．

MTDES LINCOENSHIRE REI）PARagon．－Very urfer and of exrethlunt fecdung prepertites．Sow in Jome end July for suturan and winter tise．10d．per ti，much cheapher by the bushel．
NULBALIAN IMPHOFED WHITE GLOBE，－The hat Turnip for early feedsng．Comes off in trme for What swing．Solv in Say．10d．per lb ，math theaper br the bushel．
ITuxs Imperial green glorea－The beat Tero，for the matu crop．Fers Fary andintritous， atd of valuabe fechitig propertict Sow in May dane and July． $9 \%$ ．per 16．，much cheaper by the Trens．
 dibuct varisty，very froo grower．Fleah firm， fenderane，and suc＇s．Sow in May and Junce for carly fenting，and sugust to stand tho winter．1p，6d． pe Ib．，watch elizaper by the buekel．
TTTOKS＇IMPRGYED GREEN TANKARD．－The Les＂of the Tantitral vartetiea Suitable for early Iratigy on acroalit of ats crity quick growth．Sow in Hoy and June，1o pur lb，，mizoh cheaper by the
YOTLED GLOBE or GREY BTONE－Shoold be
 the Red Perugon．10d．per Iks．，much cheaper by

For furlher particulera of
GENUINE FARM SEEDS，
TTOR Ang SONH，

## apply to

SEED GROWRRS，READING BERKS．
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## CARTEB＇B TMPERIAL HARDY SWEDE，



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I．M．JENKINS，Scerotary，
12．Itadover Elyure London，W．

## Cut 2 agritultural batette．

SACTRDAY，MAY：－2，1669．

## MEETRESA FUR TIR ELSALING WREK


To those who have confidence in the Science of political economy it must afford matter of inte－ resting thought to mark the accasional force of Circumatatico in compelling obedience to lewta whoh argument，howarer cogant or reiterated， had falled to domonstrato．When the late Sir Robert Peer，was still bat half a convert to the Iontr rosisted doctrine of free trade，the for－ midable fistatan of the Potato Eamine in Ireland－foretold，years before，by Comestr， and by McCtllocif－precipitated not only the nbandorment of the＇Sluling Scale，＇but the wholesale abolition of the Corn－laws．＂The stars in thelr coursos fought agatnst Sisera．＂ Evonts which to the great body of genersl observers como sitnply as＇accidents＇aro often nether less not uore than the practical self－ vindication of Natural Itats，whech however slow，are as certain in theif operntion－as certain to reach their chimuatug postat，as the overflow of a dam by the Hisetit uecumulation of the etream，or that refributive courso，in the Moral laws，of whete it has beon so stetnly suug，

Descruit Rimo antecodenternt pode elaudi
It would bo will for mankmb，nif thour rulers beinovel in thati salutary doctrine，better atall if they bohorol in it themsolves．But we go contentedly on violating the maxims of a Science which is，after all，but the＂horn－book＂ of netural law，a sort of grammar of factology， ＂collocted and arranged for the use of atadents＂ －a class whoso limited demand will hardly pry the publieation．
Wero it otherwiso，would the appeal now made to England on the Irash land－diticulty preaent the all but insupersbloproblem that it seams to do？Are wo sure that in this question＂oar withats are unwring＂＂Are wo wurselves in s position haro wo gunhfied ourselves to under－ take－we will not ssy the crre－bat oven to estimate its featuroa，or honostly to Iook it in the frto ${ }^{2}$

Wo have suct，end we repent that－apart from every shado of polstreal thought，from every turn of party frown－we regari Land quediom
se emantully rur foris. What would he the tan and lambed topnen-what wrouls our nit $n$ and





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of titio mulat rasit wila bo reytured, and lotice delays, and long bills of Couta, must follow. On tha point what Eays the distimgunhod Feonomant to Thom We are indeltent fir the leath odition of Atise NMith"s grint wurk. "By proventing tho tale of had," ayn Moutrucors, "or piadng it.


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in which neatly atery window-pane had beon bracked, by the eltmsy volitemence of the elaatingin process, constantly repeated. The fact Whatimina, unfortumately: fors no effort of bee, that betweon the extremo erila of fracturing ovgry pans, and allowing then to become tampera Withity and oftemity thiftout thrim whs a very other houne in the efreet stood withnes.
On the other dide of the Britali (hannal there lies a country where an imprraal Jemon fitco, that no man should be able to make a will Tomittod bach of hin children (male and female) chuld, ho could moke a will of half, if two, of in tha nther ramen. This pronimotis law wo fitw of the g2, wh of ariutionericy what at paran-
wan and ia, a lirment ve of
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it han had the econeequetree on thif side tho Channel of narettung the ehocklee of a law of from feutial timen, and which orto in the nopo-

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Yot, - this landod
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lat in the of one in otur lum wit. A Mr. Smirit referred
mhtrwhtederil neryicos, and

## 1Hn.., Lratuat nll others.

reat prit the" he dealered "I show




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 printed raper wheh man real ledius. The shore ars may ad from them as basus of lime mbert

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——Does any gran-land farmer remamber, in any

 growth, and jet wherever we lave beerit the e da sre
Tillar of Graty than hare over luawn them. Is
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-I It with real morrnw that wo seo the denth of
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 mot He wai then apparently in perfect heslth, and




 columess of tho Ajfucu/fural tatzefle and espeanity through a lona and honoutrble career as nnid-agent, ta hail maide a very "ondiderable roatribution to the ngis culcural promest of the part ay yars. Ho was a comaty and taid been a bunday-school temcher for 30 gaari.


## OT'R LIVF STOCK

Tith 解dinaten este came of on Thursday tha Bth inst and war consudered by those best able to fudze to have been exceed, ngy xuccesar the entir it liead tray $317^{1 \mathrm{~h}}$ rutisiderably neet, mhat was
 boing 19811. 7o A tiberal Sunokeon was providen et $190^{19}$ clook, and the 1 ale commenced at 1 in The prina duen were excoediogir uniform,
 acistit, mat dearonded ons the female abde frimin and is a hanamme mars he fer, now $1, \mathrm{~m}$ ntlis With porkl in tid-lyuarir m, but defiefent in girth. Sho Why much ailmifed wh le in the ring, and sifter some con pet trit becatne the propurly of bir ( W Inutnee
 by Mr llarmer for in ga, Mr II Moifon rulehaed
 deordedly the hest 2 year-oud hesfer shnotn for ${ }^{-3}$ g Dot realite large smexs, Anelia, the first of ith m desmended tribe, only made 28 an ; and $A$ comb, $A *$ a

 YipIEs 2in' being and to Mr. J. S. Jordan for st pa The bulln suid

Gisures 10 and a $\mathrm{g}^{5}$ ) obtoned for twa youm oalve dropped in April.
$\longrightarrow$ Lant week wo mentioned afew of the principal ponits of nterest mith reforence to the Wicken Peth Aale, we now turnish our resdert winh the eatire lint
of firicen itud purchasers


On Taesdry, Dulh, nat., the entire herd of Sharthorne the property if the late If Whebers, of Xing If allen, Herts, will be sold by Mr Thorbten. The hiscuals are very re 1 deacendod, and duriak ito prapesing of the ath intion mination is made of the prinstrator from whrh this hers has been derived. The slonk it ouly now recorering from the effects of the tong droukht of last summer, but win, gotWhatandinx, appenr in mmxd healthy conchtion. The


## - Mr. Stralford bas drartimed a very important

 sie for Jufy next. The slowk in questiad is the sionerte of the exerutora of the late Thomes Crisp Piroperty of lube exeminom of thws wodbridme, zuTislk, and com in Ma former lisuth, thes, and other the ril wh hatuab ar
 ast cultural and the rutugh-brid and. Herk shire and

 Lire a mure deta leml aremunt if thide exvelinnt alack.
 T1AB ligatu, fromi Bloom, bems alster of the Leicouto prise bull Holipas We wre iaformed that thie is the tenth calf droppod at Thempile during the prosent year to Pbitce op tils diztic one of this numbari: If ted and winte heffer frem Pany 7 th, died when fow diye old from the effects of an injury recemed by the koin

## SI CCESHKY OF GKEEN CROTM.

## (Cume udal from r 5so

THFRE are two or threc other piants not jef mentoned whits are riften cultivate 1 iJa certatn merls Lucerne and sanforia are rery porluctire. Where there is no rusture in a farm, it way hand Thoy will both stan t and le frolimetive fir sevezhi spars without


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of years a person had held a barm was not emough to of yearsa person had held a larm Was not emough to



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other hand, the landloed should be protecten nasans?



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the uwnemh.jp of the whow of at . Uf coutme, if they thes plesaed. but if they wers only ownors of jomatad nterpit ju ul, they mush m deal with it ge bot lo make
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 It would, however, be difficult to ralue anoh sriturial

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 mate the paore likely it win thsi trust and conafidence ahould be maintained. He erreod with Mr. Edmonde that the longer the eneo the bether. Mr. Mecti apole of a Gi years' or a 'm yemrs' lease, and he really did not


## Fanmers' Clubs <br> MORAYBETER

 Chub, Mr. GgDpRs (Orblatton) snid: I balieve it whe the overwhelming finorease in the number of orown that induoed the committee to dapt this so the

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## but at all <br> doctonnt to voplagt year were Turnips Fere somm in the tor po to seed. This was Fifeen years apo $I$ so Fed Fith May, whto globe and

 atava liruls nbar. f́ros and Turnip hhot. It is rather an encouth notice that, notwinastanding the gond the great short fronfall ap till the middle of Auguth, yet foud was out the balance of rain was nearly il oryer the mountry, and in some districts the ho your aotubly exceeded the sivernge, and put on up to the presont tume, and jn groater than the corresponding period of last year and up in the soil to nssisf in germinating - modi; anta the prohabolity is wo shall have a. arartat or not, let ua
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of our readers to Mr. Hope's very,
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Jene Tartly in Fafon.



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 What crops to apply the semaga; and, clearly, the area season depends, of course, grasaly upoel the foliowing



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 $\mathbf{a}^{1, \ldots}$, daury produce, or of thorse labour. A very constuderalways be nsed in the production of Grass, without
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 per Ecre can be obtained by the production of the
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 $t$ th $n$ a re, and tho aswage applied was only about


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 hy which time it had nearly penatied from droustht. pured inchm, or anariy 3 inchm pre ifiem, and mont of the mbe ripmond ler fectly do doabi lat manen wat reeptinnalis bot but, hatit tmen mien at the pergme



 ownere, 1 uad niak. it srum quick equath to brapt the
 Figennlat leats in Augat ladt rearn repert ment was on fer oncournding, that not only wist the growth tho rivesprimily futil, but moll table did the mewne in wid were largar and finez tian the meed robo from America, Thers an no question, therefore, that if the
 has fuand benelotel to corvel dropsion




 three or fout cropa in \& seenson. But the true explanz
 of prew mg to certan numbere of , Detom an thtal


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drewed at the rate of wou luns per acre per mumblat
season depands, of cours, greatly upon the length and
severity of the winter. This yesp, for instance the find







 pooitive injury daring herd frosts or snow; bat thil it
 in sal contact Fith the gerspe must, therofore, bo bene | foial to the plants in protecting them from cold. Wro


 oreal, mmpardit Fith the number of crope that sion ordinerig obta ned from Italan Jyerman in net wamon, it za arit that inot ymar ape frot of tidian line Rezat on the tiolem farti wis it gn leat than




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## Farm Memoranda．












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#### Abstract

Of hase farm deral able, regardlex of expenge. Some of    orrol Od writers on ponltry liave othen written  as being common on the bup .re of Sarrey en Ituser.   is in eristias of tha bread, in areat bare the adoption of the lat Fleghe  own In the fem Fardis here whore thay sre kent, thay here this spring been among the most prolitio layats   m, Ins. thrin Formata goslings have now beon is 1 rinarkit', wime meeks. of turke) wa have net jat any account, and must  is upen Fith unusual vigour, and one of the earliod sownd-thet of the Batin ag! Wisiof Eaglend The  srand gathering mer bo erpotted. The Bath and \&Fet of Enpland is not stmply sin agroultural show, it rize ore the juea ralher of a penern emporitum, 5 extensitio            atop on a farm. Ho han tried stio ordinary dovecotw much tor the miporanoe of tho blide an for thetr breoding qualitien ; bat ho wants firdo of quick flethe  $J \rightarrow$ l.g them.

\section*{Miscelhaneous.}

If If ary Hudron's Remedy for the Shart Supply  intelligent oareful man is care of jt ; cuttism ung an many varifties of fodder as possible, v; luy, Clover, pea-straw, vetch-straw, whest-straw-mix!ng certain portion of wheab-chafi daily with the ctap. Then by pulping 1 anosal or Sivede roots, and maxim a certina pupang Mangel or Swede roots, and ruwinp a certan thoroughly wo blead the food; thereather by zirits Wheat, Beany, Psas, atad tail Rartey, trindiap the thixturg gnd pesting s cartian prition of the meal Fira regularly, for nothing injuras itock ar murb mirraxule if ge, fisetis as rearus in oref  driven by horia-jower, wh we dan tad upa them in different parte of the farm, wil Mid thore conventen and a cytedi gaviag of bunlage. Mogf frmers bura two    and expenaive proees, but is is nothtng of the land.  pulp tive rostit m'x tat c.a.I Whth the rooks, and put  the stook. The culting of chaff and puiping roots wh of more gavantage tam anything eiso I cair rocow gerid und with attenthem to them matern ithink grt thrurget the mpitert: flaf far Imater than  of a viain portion of whent and barley-atraw. The a rrinin of this bession is so good that the cattlo     other fodder. Both Feediag sud stare other Turnips  they are nll Bonet end then, of nouret, they whit be put to pulped Mangel or SWmedes with Libbled cath. The Working horses end young colks wo are keoping shomotigy  and the poultry aro daly fod 00 the stma motmre Jourmal af the Royat Agticnitumi Rocimy.

\section*{Caltndar of operations.}

Brood witres ere ennerilly timed to font sbont the int ci the Girss the heginning of Ifis be no the   Some moty up poal being knit fri, , is fivin But dayt ther, neither prantice to to volt 1 wid  ghould to viry geatle; at nisht mae chould be put ins  her foel is the bets axtroino sha can fane




## deanto there segms to exist for 1 to 1 ir <br>  <br>  <br> $\cdots \because=-\quad$ -

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baing lees atwnsive to produce and ouling end if a good faiv should - in m rtals an and ing fr
$r$ the empotion of home or 1 inte of the sonntary inglines atok keping and rearimg End




 atase t the hitha loy lratimi, cea sprailable to utilise the treasures
$2^{2}$ at soil. Those who esohowed tho con-aites or the feeding of half-

dinate of the country seemed to bave of Ballinasion being regarded os the where the il a thes rith otew of supplying thoir the heop ine. The horged catele of

## ase admurably.

 objeot Was directed to cfferting is of furo land, amalgamaling the small aim the the tumbliog down of thon
##  <br>   

 had, tound ample and remunerative utates; otheis emigrated to foreish 7.rars s at lome, and after theur litale 48 ozhanted were obliged to toek refuge supery on the vion. Melanoholy tales and tow un-paringly related in connection An'at hand management in Lreland.


 ag, fescing road-makise, puryln the the connegted, The thorough drainage of merras of land, its fonging makung of ruitable roads
and $\begin{aligned} & \text { mall }\end{aligned}$ ing thom 10
wnth

in sumas required in beutding
 hay of the suathaboequentla suljected to tha hoos the linad so ruelsimad woid fancu, varyind in sise from 1500 thazs. Tu tatlo ferm-steadinga,
 arisazy ary tran es fise the working

Ifich cown is some southern pronimoon da will in Mey lis the north the firaw il not er far adranred．
 mendow Cifase Lewerlie，Saunfotn，op Tarew thes，strent
 It is beiter to cut an＇hatien form，nto chatralang th tha hatdfol of has and the Reanm the io ture ot anaiok－：


 bean－meal and hamie krowt．bean ineas，formi ath exce．wht sem ning for mivatnm l，mas and Tares stip－
 produring thih firm Lutter and theese．Milith coiss Whether fim at the homuestead or in the feld，slioud bo sugpled $\omega$ th purn mater tadrank
The Darifu－＂Tre erean of the Grass＂ ts sa，d to yield eircelliant buster and cheeso，und the whather



 the mornint heap thim irengi far an a wirm phace，an！ ehurn whtoxsect Tha sk mamed mlk mas be nale

 not be allowed to cool be．ow 62 to Giso，at which tem－ perature 1 twill gon be fit for the churb．New mulk mado oo the Chidur Gloster at bevery weal，whelher made on tho Choddar，Glo＇ster，Chesthre，or Dinulop plans．Yine Scllionsarn also made，but the crenm stded to the new mix（．f lug vever be now donet requ res to be frech 1htith reant rheero may aiko be made，likertise the varicut sumbier preparations of Hu，alk，bs Corstor－ pb or Trazn，flotited orear，ard ko on

 mixed $w, t h$ tual 1 then berompe sour freekh food，and ard prach io to to pecdech elly with pract，en at an arter thenfyourth to precreat murn amir food being
 ble to the health of truns pugal To both，st the degres nazy uuit heir ake，sois fool is more earill digestible from the formentation it has undergone；hence lhe nuakity of the prokk 15 mpproved， and the weinht，according to the fivan kiven，increased Parmor and Buryny，in the hrcak on up of old grasel lands， 18 carredd on in May a in April and hancib In late distriuts and wet reasons very little can be done beforo the begizulank of the moth，but mhen once tho dry weather sets in，the ands dry rapidly，so that tha two works of parivg and burning go on toget ber In such casee thit tio oreraticon，and also the spread－ ind of the nhen，hoould be prosecuted with the greatest practicable expedition，so as to get the hapd plougbed

 or Rator for application with the witer－dryll．

## Notices to Correspondents．





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## MISCELLANEOUS EKTHA PRIZRS








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## The Gardenerge $\mathfrak{C h}$ micle.

SATVRDAT, MAY 29, 1869.

KRETINGR FOR THE TVMV CNO WERE 

The Horticaltural Socisty of Loudon, as ia
 the science of cuitivation, and the improvement of our gardens. lo that end tha penodical Exitumions of Gammen Prontef were establushod nearly 40 rears ago: anl though tho shows woro spall it the be gmimpe, they havo now assumed proporkots what Lit it tuly be described as levatuan. Trus, hovever, to 1 La charter, the Socisty hos uniformly encouraged the cultivator rather than the collector; and those who, like ourselves, can trace the exhibitions back for the lagt guarter of a opatury, Will see that the cultivator in the long run has always beaten the oollector. We might give names to substantiato that fict, but the sudden manner in which exhibitors of large planta have appeared upon the field, and as anddenly disappeared, will illustrate what we mean. Money may make fine plants go together in a rather mystertous manner, but monay pever yet, oxcept when bucked by practacal ability, mado such gardeang hold together for many years. We therefore consuder the Counerl of the Socioty is perfectly Just, fied in the imator it is tabing whth regard to the exhbitions of futture $y$ cibrs. Large plants have ceartainly hail their clay as a leading featnre, especially as too frequenthy they laek both novelty and vainety. Iool to the reports:-A. sends Hednroms anit Fineeles, B. contribates Pimelea and Hedaromb, and the anme wearitome tartology rupw thront.intio
of phanta in the loednig clasees boing or limstime y no varioly has men for tho he 10 yeara a plant of Styphelun tubilara? Where are the Podolobumg Oxylobiums, and Pultonrens? ? What has become of the rare Chorozemas, Gompholobrums, Zichyas, and other elimbing plante? Would not the bit of blue of Sollya lunearss and Drammondri be acooptable? Has
 saperbe or PImatii P or, to desoend atill lowar, What han become of the fine mazses wo used to see of Gardoquia Hookeri, and Lisianthrul Ituvwilhunas? Trae, monny of these were not all-the-rear-mound plants-that is, they would not

 to suy whit


 inaugurated, and an the means at present sot forth aro open to oriticism, we think a fow remarks upon the subject may be titnely, and nist nut fllen
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 exhibituble condition for several yeare, but for granral inllections of stove and greonhonse pl 1nt an absolute restruction to 12 incbes would : nnwer, ts no carefull caltivator would like to


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 Fignirs, but with hard-wouderl praxts there can be no buch renewal-once started the growth
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much of thas 'facing " ahout tbenn, all fineras



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-THE Rassinns seam determined that their


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 the extriordinary "pluck" whioh anducpd afm, as an maseur, to mensey an large a monlent its of valuable

 nshs, ofo from Tinns even Tho first suhyect ireated of what the schion of light of planth, a matter intro-
drood by Profenor Mosins, and discussel by MM, BeRODNE GOPPILT, LECOQ, ROANOW, A. MUREAY and pthars at the rocond moning of the Congres
Dr Hookrer was obosen, by ballot, as Prosident of the

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 an! M T)RPHLNLDEs caled attertion to the Flora of corecece as a mource of mapply for novelthes and plants miracon allude to the further proseellums of the Congross.

- We are glad to hear thut the Mivengater
 though the weather duriug the holdasy week was Wrecthed, four days belag wet. The followingamounts were takrn an tho repertivo days -


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In addtion to thewe min! recelpte, the Soriety, wn are informed, secured a larye extension of memberwbip. Tho arocint of prutes awarued whit Tol
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wis sal restrint ons.

- inmetrank nkin to consteruation will be fant



A. larkey ati in so ppocial a maanat due fo Mr BaENEA, en well sa the persons! walibes of the Iman 4. lavers of the meatutiful, the true. and tha kromi thes sampaltion, and the fand reapect of all hise thas he prameate
 ment and sorrow thet Mr Bakw Ro must feal in gul
 ad so bancurably been crobected.
ny early riat in the chom-hulum for do well to may


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- It wilt bo apen hs a rwernt et.






## New Flants. <br> ADLAMTOM DECORUM, MOORE AP :







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 Other gorts aho symptomit of the to anything like the sxtent Mona's Pride does. Here,



 the growth of this root, and have,
two or three hundred worts, and ont
are bul a verj fen biat I mull recommend as kind for universal cultjvation. I think Paterson's Victorls and Jertey Biue may bo so recommended, with Portyfold as an enty and for mid winter consumption. Thirtyfive yens ago, when tho Potato disenso first began to make an appoarnine, I recolleot that par early Poin-
tos wore just in the sime tate as Mona'a Pride is now. tos ware just in the same atate as Mona's Pride is now.
Since then I have wetched the Potato with anxjetyof the root world be nationà
 season in the madie of August, and have been, floury
 conclusion, lat me remind rukit i, Blwas boil the O, ato may be ejpoilt by elow boiling J. Scott, Puttook, Flarley, shoat $t^{\prime \prime}$ tat is I lim to inform you
 them thus zurving l lind twat thow pinto which has

 furried, bint not nearly wiflere ng the ot bers. some of
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 to his Last year thont one-third of both my Asha
 January, Fabruary, pand March, ohoosing al! :-
beas and largest Potatos of both sorts for the trgt fincuines but pormed plenty of young showed on the old oner-some of them 3 mohes long; oft efter the firtt two plantingo, and about oos. third of them han ovee up strong sand rigotouk, nod aro frr batioe in spporrason than may of the otrars,
 matured ss the largo onts. For the hast the hanm an Forts and haid in ler by tie undersuzel opee for sed hit they werel teal for ume exery day


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$r$ if an anea, many of wheb hive commenood ardetiars sre throwing small ingute folvage aboreground. The sed of the late rarietises were of lat come to mandurity; and to this cause Y nttrnprion the
 tion, but farther evidence on this mopect

 in in in $x$, Mr. Dean says of the round early kind in frowing anulm freely. I pinnted on the namo
 anme up besutinatiy, the lattor the frat and beit in the Whole parden. I don't know the sort, th they were fiven me wis rory good ones by th invilid parinhiober, a he Eald, to put a gran mano to thember
 fow have thrown up bigh, but in many cate aipgle naul have thrown up hige that in mating that in question "F is. grown before plantixg, and then again hast esme smbiguity, hut the common term hore for taking off the mprouts belore planting is "sparings" ar, an I suppose mort correotly, inverted corman $A$ Potato is satd to forout ectively,

 Potatos are worthless," 一 that my freakisidy Erown anformed Rurr Pultock, Fiaziey, Jrornhamon-
The Boyal Caledogas thow -1 nhound not hart arn rudial my opribish upon 1 lim matter th dupate mistaken view ovidentiy held by hoth partin, mamely, that the articles exhibited at the ahow in quation wore a far representatron of bonluero cultivalion. best $t$ is manamement of the Ropal Caledoninn, are dropping al of thas list uf ity mmy competo in some classea. The "binck mall" systamb


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## Foreign Correspondence.



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to Russia, observed :-
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th empire, the Foresgr Ministers, and fonion al il iors, thin Tmembers of the Botanical Gands

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THE GARDENERS' CHRONTCLE AND AGRIOUTTURAT G:NZETTI







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The flavour of the whole plant is due to the same !
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 Traki Ih all






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## Garden Memoranda.




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 flowing curres of the circalin trees is pleasing. Apples, गeare TuFin is it well wher tixs frat ment, atud, in fook all the trues, of whatever shape looked remarkably healthy, ati 3 were laden with hasyy

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 a rethril 7 arb luation I the heat back but the earth. Thay oreot bertier agaiast the operay of
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temperature of the earth in the react ratio of the enorky and rate of thent demmpoant．an
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 duction Jows theae farta are，I behove，it the bottom of Mr larnes＇＜u mess as the orikinator I tial almest gard，of the greut art of perpetuai cropshng aud vege－ table growing by exprits The potsers tiat be enults 3n hus spratie are ill matable，and hence twe ferthaty of
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Whint of wronk in these theor ex，the fart rema os


crop，und another senerally takes its ylace beforg th doy is out，and so on throughout the your，and for many yenta topethor，and the results are，increased fortinty sad therumulated force of production．
The welpht，satectneks，erispzess，and rapidity of growth of the crops 19 tho begt commentary upar the of forming in the open mound，sud doubtlegs a a spectes resmblor clogels，if it is mat ideatital with，tust of the markpk ardenimg romis linn ion Iast senson afforded ture．Theribly withering as the cronitist of the past nummer asa been，th in I searcely made a mark upoh Rut thege notes nhat lide an end flin ghat lave by
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the ano of the estate，wiwerpug laten from the nomb Rea，

 in all，it would le ditlicult to materh the ske any where account of Bueton，now eonuluded－as it were therse the the lifo－listory of tha lato masnager，who in retiring and esteem of ail lovers of gardening．EDS admontion and estefor of ail lavers of gardeniug．Eps

## Saruen（operations．

## F fhe anstang romet RLANT HODSRE．


 furmishad $\pi, i$ hemernas hearle of boome be a con－ sidembing，tue younk sifols whirlı lisve novs formed should bestopped or pinched bach，to induce them to break and makn a moro craular and compact krowth， When these plants are cult vated in pots they requiro a molerate aluint twor or tliree times diring their season of aelive growth．Tiey thrive beet in a comprost con－ good turf losme，wit one of decomposerd leaf mould and a good sprink 1 ag of silver serid aud potslierdi utrotest mportance．It is not adresalito is is of the
 youth lienlthy moisis，a good surfered dressing mill sumpe are formed They succeed best then young roots plung in anton moderate inotwombeat，with the top tem－ penturo about equal mid an occasionas supply of arr and
 Eure to boith surn aud air should be affordet，by placimg the piants uponanary alare in an ord．nary greenlionse． ripened autumual timt，but that earcumaman it rather eapable of withstandiog told better，and they are fir moro［reely manconequeque．Cetter，and will bloom pompam，now that thas sre flowerng，will regurare full Eun doez not ant upon thom mach care that the


 With tepld water，now Cookseombs，Aatzoms，Culeus，Eweet sceeted fo nageu posis，and other sinular subjeots，whe ch wi shortly pothed oa asoitem as a shiftia required Give to spocimen plants of Mydrangeas that aris prowing in yots and hqufd mave not teen freah alaifed，s liberal supply of mocelving a good surface－d nessing of astir loant and leaf－ of any ohoice varieties of Begonias tue propagation Dow thll make nive listle plants for potting－0 put an early date，and by pinching back they nasy be made to form fine busby gtulf by the mutum．Put in Wuid coniml batell of Chrysionthmonal cwlamge，is these ta demand．

hecp up a higurame of thaperature in Tineries

Thera the Graper are ropomito，and particularly eee that the mecessatry supply of fresh air is given，
the zore the better，whth plenty of beato Late timererer with bave set 1 re e erobss should neain bo
 Foung Vines and the latpral shonts of older canes grow as much as possible at thas period，and be particular to
 it can be insured at this trae，in the manner，nlluded to，will prove a preat 1 brent．se to a frestr and bea，thy root firwat on，sa dearrable to carry each plant sug－ osifulty through，tiae frumang period bo on the pests as the red bptder．Uso powers of aulphup plontio fully，itustane cool surface freely orer，as an additinnal
 syringe the follage freely with tepd wator

## Tardy fiow pr gatidn

Framine the buda of Romenculuren whioh are this tionsble grub．Protect the llowers with some sort of shading where they aro oulitifated in beds，and oppor－ punity Difers to do so．Coghinge hise propagation of Pansies by cuttrigs，eapecanly the Blue and Yellay
Clivedan varieties．If an emriy spring dipplay is Clivedan variztios．If an emily spring digplay is

 wret kiockr，and the druble varieties of Zimatas whith have been grown in pots or boxes，during s mist yoriod，and by means of home wood－aghes，or some s milar maternala strowar around them，andeavon
to protect them from noturmal and ofther insects．

## HARDY FBDIT GARDXN

Remoye all kuperlinous and needless growths and tickers from filberts．Iook carefully over each tree neal catarpillarb，whoh are rather plentifal in some 15 alio mahing sald bavoe in sonne places，and shopla bo sought after incossantly whma phee it is known A largo eaving of infour will bo elliteted by fooking elneily aftrr them dur Diz 1he：r marher staze of growth besare trey becomo iratr buted amongst thir liraner es plachd upou indis duad leares alone，and consists of from 10 to 1 in yound caterninars．They aro readily detected as sonn as they beconie sufficiently large for in mishef hy the varioizs minuts punctures，increasing lasves，dany，which aro discernibla alone upon those lesves，apon the under surficees of which they are gafely ensconcert．By remoring these leaves at this stage the Whilat to leave thems later，pecessitater the removal of thinee of larger fize nimo or more only at a time，and than often ailer tike trees bape beer kreatis distiog and Terty out all superfluotis sickers ailached to Rasp－ be amitle，from thicu to moure wood for frutting in tho misuigy jear

## hitchen garden．

Continue to make periodical sofings of any choice rarreties of Peas，seoording to the demmad for such in tho enrly rutuma To keep up a constant successional supply，I have frequently intimated that asch sucose－ suonal sows og should be made jminediately the preced－ and tall shows through the ground．Broad Beane， somn for the last true，mith，an weck or so ory，to be accoretus to the aspects they are to occups，abd the constantly coolacis of giren souls．Keep the looe as fout things entiance the there are any weeds celt， than clean trinc walks the beauty of a garden more

## Tons gaternive

Cithntors and Picolees，whoh are now tommancing neatis tied the flower－busis，shourd bare there stems neaterst buds should be remeved growith，and als the be secured，leaving only romoved if filee flowers ane to stem．the brayching Lurkspur，if planted out neach the front of beds and borders，and afternsrdis neaged down，furnislias a wice ediging plant，which thrive bods shavell now he labjectly would fail．All flower proking them in wo wept lree from weeds by hand－ prosing tiem in wet weather，and by hating the Dutch 50 benefit the porios，whet will sile the surface，and 6 jnches mida mante window－boxes，if mado about your of 1＇elargoniums and Calceolarias planternatels math a 3 row of bine Lobesiss in Ironl wall make a pretty




## Notices to Correapondenta

## Books＇Summerseat－Thompmon＇a＂Curdenta



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To the Trade



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Tha Best Swede in cultivation is

SOTTONS CHAMPION PURPLE－TOP SWEDE－



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CARTER＇S PRIZE SWEDE AND TURNTP． HALL＇S WESTBURY BWREE





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FOYAL AGRICULTURAL BENEVOLENT
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MANCHESTER MEETINO，1800，

ESTRIEG of JORLES，CATTLE， SHEET，IIGS，HUTTLE，ara CEEGSE， CLoses on JUstis $1_{+}$and e．l Certitester recoived artor that dasa Fill be ritneaed to the nodrer

J．M．JENKINS，Secrutary，
12．Innawive bquare，Lobdon，W
Che gaxicultutal Gazette．

## SATURDAY゙． $4 A Y$ 29，1869．

## 






Os somo late occasions we have cadogyoured to point out，as fambiarly as the subjeot woll aulmit， the faulty fentures of our Eaglish land lawe， features retained in this country，aftor almost every other European State，with one woll－known oxception，has got rid of them．Even whle we heye been writiog，this exception has begun to disappear．Austria，the once backwerd，but now progrossifo Austra，has actually sot about amonding her land JBTra，after the Prussian－ We many almost say the Enropean pattorn，and has recognised at last the wiselon and polecy of freedom for the land，－freedom of Tmuster， freodom from prolonged Eatail，freedom from exceptional law of Intestacy．

The opponents of this freedom in Encland are of two classer，consisting on the one hand of Landowners thamselves，and，on the othar，of Lawyers of the land－agent，and lower conyeyna－ oing classes，The opposition of the landowners is rather passive than active．it realiy consasts in a backwarinoss and indisposition to help them－ solves，arising ont of a kind of timorous indi－ Fiduality that ahrinks from allowing its own wound to be probed or known．Unfortunately， too，thare is suech a thing as the Timidity of Ignoranco，a not uncommon complant，which has the offect of poopling the dark unkmown，or tho twilight half hnown，whth all sorte of spectres， oo brain－born and uneunstantan as to ulude all fixity for tho purpose of examination，or the detective popier of argunacit．Uno of the com－ monest of theso，in tho present instance，is a mistonary theory about bubditiston of land and ＇peasnt proprietors，＇whech are assumedas boing the object of those whe ask for I－and－Emancups－ tion，ant also assumed as berif unfayouralie to agnculture．Both assumptions are groundeses， and untrue；but they are repented，from prant to print，and from mouth to moath，what a patone




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Allow mo to impress upon you that whon youn apply ctreal cropar- Whett, Othe or oven Berley-you should spply them ourly th the spinige in order that the tributed through the noil by boing whed mito it. Olown simeds of of diforant inds bearg somis without Byo-gruta or nyy othar Gram sedk. Tise experimente pupal of mine) on land whioh wri maturally rather
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## Farm Memoranda

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 - t, that this quasl is likely to be a valuabie ndention
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 In + $\rightarrow^{\text {n }}$ of ange will answer propided it has artangled sulturak depta to enable the birds to dust and bast Thes are very fond of besking Thet best food is Thay are very mand of Rapsesed, Wheat, Barley, Oath,


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 a, flis usy be ad tent by destecs nitiacel or barlay ment ond the erg withdrawh. At thay bet aller they throw on exactly the same food awd treatmeab mount phempants and partridges,
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 their hintr iduarters，whero they hase lame in a 2heir ora in l＇brsnips，Carrota，Cabores，Beans and Turmps．Payapips and Carrots become macked， Turnips heve anbury，or finger－and－toe，and Cabbages and Boans are club－rooted．The Turatp fly attacks the young braird belore it yeld suta rough leal．And as the plathe become siakly and rok thoy form food atod peemerolls sind destruotive in dry sensong ihan in yet tuluerola ma destuotve in dry grasond hain jo wet ones，and is land thit has becothe＂turen＂ur growing Qny of the above crops；in othor wordw，when oraps with unsecta，But tha most heanthy Cabbages， don，in rirgin woil are atteolced．The Curculondeso are pepetahle fererers but they live obitefly or iles decaymp remains of pitatey，while others

 niso，the best plan of getting rid of theze insen fence， if the use of motive manures apeoinly io a liquid form，and of a quality strels as tho erop to be grown renine
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Wheot Ragging ${ }^{\text {h }}$ when necousary，should be dope io thrie，or hefore che etre ribes to be in the way of the Eothe or reming hnok，and while the yousp plante mrow erect．When blanchusp or etiolation takes pince， nt the bottom，but the broud heavy，leaves also becorne Foakly，and bend so as to be beint the edge of the woythe；they are also more diffieuit to cut；but Whon growisg erect they are e日aily，out．A very manll oxabarat growth，and let in the light to the bothom The scy the or reaping－kot requiret to bo kept shar bind evaby trawb arrozs the tops，but an expericnced hand findia tio difiently 10 domg this．The wort 28 best done jo rathar molst weather，atd in the morming If the wrealier is dry，as undor the influence of at branios sulu the leavea bend and do not stand up to

## Notices to Correapondonds，

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SATURDAY, JUNE 5.

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#### Abstract

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1 KEW LLOSTRATED DESCRIPTIFR CATALOGUR of the above, and many NOVELTIRE eent out by kousts, $\mathrm{k} \mathrm{J}_{1}$ be farwarded free on applivention.

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## ROYAL HORTICULTURAL SOCIETY. <br> GREAT FLOWER SHOW, JUNE 2 and 3.

AWARDS OF THE JUDGES











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## Now and Choice Flower Seeda, Poet Free



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1st, Mr. J. Houske, 5L
19t, Mr W. Ljza, 51.









AWAFBS OH TIEFFLORAL COMS








Het Tricolor and Bicolot Geraniums.

${ }^{t}$ THE GARDENERSY ROYA $H$ RENEVOLENT



The St. Petersberg Eximition 18 at an ond; the plants. Which so lately graced its now ompty apace are being borne by ship and ralway to the varions quarters in Europe from which they came; and beforo the freshness of the ampression it has made fades amay from ont memory, It may bo woll to cast a retrospectivo plance avor it, knit up any links that we may have dropped correct any errors that we may have made, and draw any practical inferonce for futuro use that its events may suggest.
After all tho prizes had leen dotermined, tho Exhibition was pound up by a grand pable ceremonial of distribution of 1 rizes. The Mmistor of Domains, M. /EELENOI, had, n 8 we should worl it, kmily consented to give away the przzes ; or, as the Russinns prefer to phriso it. had had the great condescension to undertake the distrnbation of the prizes. We think the recognition of position which is impled in this phraseology is carred to a much greater oxten in Russia than with us, and we incline to like the principle of 1 t, as it has decidediy the advantage of heightening the apparent value of the thing agreed to be done.

The coremonial took place in a fine large hall, the Library of the Mnnietry of Manne. The first step in tho proceedings was to invest the delegates or Presidente of Junes with the insigina of certan Russan Orders. The English delogates ware alone omitted This appears to have arisen from some mistaken notion that Engliah subjecta cannot accep foreign decorations without the QUEEN's per massion. But it 15 not so ; whatever may bo the practice-and it is various-any Einghsh subjeot
mny accopt a docoration, although ho may not wearit in England without spectal permisenon Ho may wear at ubroad, or loave it as a somermir to his fimmly. It may be tloought thut it would have been better, beeng that so many men of science from other countries accepted this recognition of there srientific cminence at the hends of the Eyreror, that our delegates should havo done the same mithout making tiny demur about it. We undrergtand, however, that it was done uader tho adrice of Dr. Hooker, who doubtless knows moro about what is usual and proper 1 n such cases than we do. For our own parts, in a sclent.fic point of shew, wo would profer a recogntion from an Acaulemy of Sciences to any mere Imperial decorstion
The Prescient, Ade-de-Camn Gencral Greig, nost mado a suitable address. The President spoaks admirably well ; all hus spereches-and he has had no end of them to mako-having been exceedingly clover, appropriate, and apiriutul. The presentation of prizes followed, and the Io 'trum, phe' flownsh of a malitary bamal added furea and digaty to the loud acelaim of popular npplause with whelh the more successful candidates were successhrriy greated who on thenr part suppled the spectator with a not ununterestang study of human nature, by their varyed fomosnour under the process, from the swelling port of the self-belestor, to the shirnikng diffidence of the tumorous man who blukhed to have his merits so breyed forth. A brief final address from tho President follower, and the Great International Hortcultural Exhibsion and Botanical Cougress of St. l'etersburg was at an end.
We understand that a pecuniary aucoose hns been obtained, and that the Eur'erok, by the munaicent donation of 10,000 roubles, secured the nndertaking from any chence of actual loss It is in a horticultural and botanical point of view, however, that its success is most important. It was a bold and dariigs thought for a country such in Cussan untract aq sho was in such adrentures, to enter the hat with the
 That thought onamated from in $\quad 13, \mathrm{~F} 1$ and it fecmeal tn be unverants w.ll atted $I_{3}$ these requantel with the progiesu of the achemn, that but for his eiergy abil persescranco it would have been a fiasco in spite of the high protection it recaived. It wea Dr. Rzozr's persigtance, eneegy, and powers of labour, conpled with his sbility, which carred it through ; and it would be most unhandsome to forget all this for the purpose of dwelling upon trifling shortcomings or accidental orrors. In addation to bis own work, he again and egain had to undertako to execute, at the oleventh hour, work which had been undertaken by others, but wh.ch thay had desertod or neglected. If to this be added the difficulty in Russia of gettug the night man for such work, it is not di.ficult to ree that the encomumb hrishod on Dr. Regel wero thorougbly well deserved.
We may add, in conclusion, a ferw remarla on the competition, and tho prizes which were amarded.
Among thoso, of all the forejen exhbitors, M. Listex, of Brussels, stood fuche gipinceps. The largo golu medal (value 150 roubles was ganned by him for "i a colloctur of eix different plants antroduced anto laurope by the exhibitor himself, and not yet in commerce." In fact be ganed thas twice. Thero wrye ouly thros competitors, and the troo lnte of placts to wheh the tirst and second melale whe awatded thrned out to be both from M lisums. His competitor was M. Tersciaffelit, but the plants whech he had to opposo to these great guns wero not mearly of such heary metal, but were thought worthy of as extra silver medal, which was recommended by the jury, and awarded by the Congress.
The second and thurd extra gold medale, offered for a collection of three plants introduced into Europe by the exhibitor himself, and not in commerce, were next cartied off by M. LINDEX, the $1 s t$ prize heving fallen to Messrs. Vertch). He also carried off the first gold medal for the hest gingle plant antroduced by the exhbitor, and not in commerce, with Cochliostema Jacobsaturm, Then the first gold medal for the best collertion of 15 plants introducell s.nee January, 1867. A large silver me jal , 1 st prese) for a plant in flower, not in commerce next fell to ha Rudged nivosa (A. Cathuine's. ISto). Ho next gauned a large silver medal (ist pive) for a plant "remarkaie




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have majority of 15 to 9

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 When refirus are proposed, inl $I^{\text {rivis. }}$

 нupport it. Ia the proselt, cros, notwithstunding that wo much has boen urgext durnug the piat fev yeara in fivour of smull-pot clusing-








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 itm-tast ther r-sitis | f.at. $\quad$. . d | it ir

 them nitisnther out of itw arhminls. Thly, how-
ever, is the very point to which we wish tos draw attontion. It is mont dovirable that managers mhould persovars in pointag out the right wey



 newriscsen for the linyal Ifortatiltural min. it


 Tha nddition of Mr. Avtiovi Witplat:

 exintelice, in wh thatik min attrutan. thea that it hat feer yet thenis ald it is fort hist

 to aral themoives of it. We understend able on Wedneading the Dreizes of Cambatinis
 khow mext wakk, hat in this mematimath to thas


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 pmparinl Oro, With the decorited lipigation of the of the Rogal Zoologional Gardma of Bramerely director tha Belgian Goverimal Gardon uf Brusals delegato of Statez-Gecond Class to M. F BRAEW, Momber of the







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\begin{aligned}
& \text { yat beary alluwed by their Goveration } \\
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Thestamen fluwer tricre afjeeart kov be an zri








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y.
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wemay print out that there are treas whose ral would gerce quite as well or parbapis of the arelinecturis
The folowatic cualar reanug to tho SEFFD artentiva Bial has heen adidressed to the
 * Eey ther wotes an fawour of thas greatly needed -wre - Dhe Seeu tia teration linil wil. be moved un ar Hiloie of equd if you will bratur the provisions of the a wain memers, nad punt out its importanco with a pisorks th, Solititorg to the Bill."

Among the more successful of our Provincial MrCITTBAT socteriss that at Leeds 13 not unar of specal mester on thpornt of entent are liberal, zracral heenly corupeted for Last year table atons and bour iets forumed $x$, eading faature, and billed with thent Tide next or inthet on will b in lin leeds forsal t'sus on Wedresdas Tlinrs

 s 3eth 11 nreorunce what the-chedule
II M pank, of Th udey, recenty forsaried us a mitusisi, bul Wacth is risore proper,y calles
 - wathor of to the aplendour cif the floweris, the , horum bcierterianum than any other we cau call Hysed

- Te are yleased to anbounce that at the meeting the Council of the Royat Gerthealtural Sooiety on
 bis slendid exhbition of Rtiondodeudrons, noth waterd in the Gardeus at Sonth Kensugton.


## New Plants.


 Hos mote on new nicto-ursute ! Dendrolet "Ati

 rea bearded (Day and Rebly. fil) These trro only the sepad at the anterior part, biat nerther of the two Hesch a theck locg rajlosity runangy over the whole mand middio line of the lig. Hence we give wnow We to the Thent.
 ack har The anves are nears 5 twose of Emdendrum
 sat of D. Dracon stis, lichb $f$ gat is of a tilaker leathory the berg shtnanis, whue the heels on the three sepals
 in interal ones brozder runturar out a a curved Minder spar The the ietals erri cunesto oulong, acute, Wack ensemeze orange. nearly cinnabar-red on tbe long यisnor lube are bearde. cilde line. Some Fens on the tone woes are rousti, lund the elerated thers some ghameath Thecoliutitu is white, oramige-red uader . The former is very sweet, scented.
Hiereskin platit. II Mr Marshajl, of Enfield, for tho

## Fortiletia Tralftsii, Lind. Rehl f






At ruszery that thin whowy pland wat droogrered. thing of that the charuotor of i Houllotios and some-

Whather that may be so or not, the highly interestnt, nuld ded.eated to tho energetio and happy discovorer, $H$ G, Redil. f.

THE PELARGONIJM CON゙GRESS.
We continue our accoint of this anterestorg meeting by the uublicstion of Mr Smath's essay, reforred to at 1 ). 58.
$\qquad$ olused betrext

 Tom , Thumbieg Ho Mra tollock, ilis

 that tha lititir wis originaliz on on a a port freme the formor given in marringo that, like the saxoze nud Nortuara, thoy aro now bocomp onio Thic

 aircialy ta his time givet rive tu onde with fine raticy seded

, then in we
Thi ru elhice in 1801 it was stll ghy ebough to hold a leves on





 Winy with Hiller's Variented. It whan pminuced, not
 as to tho ex ct jute wact thas spurt first nppeprel, hat



Now let tol weturn. Leols Ferlogated Bcarlot with whito





 ralsing thls foticty, tho manest of the followed up his

 arvangy- About the mann time Mr Lerrox zaisad Poricotion,










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Ter mer tho






 bson noticed that Mr Grioce, in atl the exnyphiee Given (with
 from a reriegated aort. Mra. Foluick, for example. In tho







 esay it is juppocsublo to jo minto than Indicato prosyble


 apodices s will, all hive faliage lite tha strumger. Moes bot thit bow thint $t$ in inture a given result, mompthing pore tir regaired than simply plactig polted opou the stylet hiny not the oremsome the powor of the pollou from tha cuarichergmoring monen the pollen banrlag plapt is a welkor griwerf or pot in pham hoilth, if atrooggr grower; when the polles itadif in fommetury, of producod by the arthinas of thu sling mamerio-














 an os 41
 ctisy


## EVERGREEN BERBERRIES.

Having pald much attention to the caltivation of this besutuful famas of ahrubs during the last fet Fears, perhapa the reanit of my experience may prowe Chromzle I shall bex $n$ by noticng thove sfeclea whioh wre beit sorth ruthratingt, and whith are found

 to culturition tive majority of the mpemes opyear to
 boserally quated fras Profowor Lindley a arthelem in But Aquifolnum (N America - Than Bpetses requiten
 there lafe bipuis up ef lite geary maly ronkrel pounding namen, but most of which are far inferior to the orijinal speoies, the learea of these varrales being
clasmoterised by their dull
Eurfina. There are however, two exoeptions that may here bo noticed, Fiz, that hnown by nurserymen as B. floribunda, B nutens first rased at Exeter- romarksble for tho
 qreon This tarety is of a dwarf and compact habut
 from the rame plant widl produce plants, anliee with
 avergreen, with reild th-brown branclies, named as ghovo from zts caves bimp lusuntly fringed with much in this spocies, both in form sad sizi on thit tuelh, soroo wiolly destrutute of tooth nk at the sidies, And otheres with thr fine clnse sorfal ures above noticed Teetly hardy, nuit krows well an orthary thaden sonl. haps the finest, bring beane harini at all seasoms of the Year, elther as repards fohage or flover, white the frut The leaflets of $B$. Bealiv vary ionaze to an extmordinary

 others lonk and rathe, with 5 - © conse upiny teeth, and

 of blanit tr, bat wery werter a muth of half rittel Eround, around tre Jiar The so called waneties, the former matner absury ty son named, as the spectes is not a natrive of Japsu. 13. Beala wild defy the mgrur of convinciot pronf of while tisenced in thas country, a Berere frost of Januars, leli, miany plants were in full motured. By pruniog io a fingle stem, 13 Beanm was be made to assume a Pa m-line character, Bealith is yery efiective. This spec cs as esils propapated from sed,
a single berry frequently prow ing three plants nit one of the monernce useful and of the best knownent
 coloured lowerg and highly rampished leaves, whic treth at more that inch long, with three lerge eptay the middle, or inthoutt any at the stdes, The branches



## manure to the surface of the srourd shore half-rolte

 Etrongly reommended It wrould make a heatifut and There La a raluabe lyhrid between 13 Jirrw nitand R. empetrifoha manied la Hhat resemblang thase
 is a free growinz , hit nuite nardy and foursicie in a itumn str he reat y laticer anid Cuthons taken F. dmen (3iggellan), A pretty sub
one of the best knowi of the fant sub-avergreen, and blaush groon, small, and geverally without any toothpolour. Sotpe indiraduals of this spectes amber-yellow leaves the whole minter, wherenus others speedir bocome brre. Another species, Fir, B. buxisol, is, is nsmed specces is qutite hardy sad appears so the lative in a maxiure of peat and sands lonm
 landsome but, unfortunntely, not quatelardy, requiring

 of leaf-mould and sandy loam There is a hybryd
לetween th, apecus and 13. Aquifolum, whres, berg very handsome and rap.d in Erowth, is a favourite in shrubberies. and known by the nation of faccicularis
 loothed than thosg of Aquifoluma but without then
luc dity. It is muen more hardy than ise parent fagctcularis, and ta sald to attain the be ght of from
10 to 13 feet. It to not particular ss to soil. Fortwas, (China) - Thus Epoctes 19 ficured in tuere desmbed no follows - "Th s shrub forms a dee green smooth bush, with from three to four pairs of leafiets, and an odd one to ench leaf. The leafets arte mith shallow distand spluy serratures." Mr Shrley Hibberd, in "Floni World," August, $186{ }^{2}$, bas notited the periular tone of puze green 'to be observed in
 bettor in conservitory or cold greanhouse then out
of-doors. 0 .

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(To Be Contistued.)
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## CINCHONAS.

ANOTHRR instance of the successfitl onilivation of he Cindhonas in a foreing soll reachors us from St, tho recommendation of Dr. Hooker, sud the great interest taken in the matter by ithe Govermor, Sir C.
E. ltote, as mueli as by Mr J C Mplliss, tho Cinobonns have been sotrodured, and, under the care of Mr. George Clializers, tha Government pardeuer, upwaris al strong and hoalthy, some atout is larheg high many of whech have alresdy been transplanted to a site aplected for a Cinchons plantatton in the reagh bourbond of Diants Peak.
Mir Chalmers, formerly of Kow only arrived in St report to the Colonial Severetary, dated November, 1968 ssys. We have already moro than 2000 young plants, set out in boxes, and thriving vigorously, raised from seed of eeveral approved deserptimas of tre tree, aind and livoly interaes in this undertaking. the course of tho next four or live thonths. Leyoni this number, at lenst 4000 more have germinatect, and aro dong well from seed kent from Kew nt mare reaent dates than the firat supply, and planted at different unmes of it reached St. Helena. Annonget these are Pants of C. Suocirubra, C. Pabudiana, C. oftigina,is, C thar asserts as his beliel, jueging from the reanlt of arme regured for kercuinsthan of the seed, that if ther
pering the kround and fenol口g in
werm incerased, thes corth have ale fing plants of ertorf for these placiatirision tue remommon arouad Ir Eonker, lees alogig tho malines of themdend of whitch Diamas reak forms the culminating point, the Reneral eleazalion of whech is belween 2000 and 2700 feet tho moan annual temperature rather helow $60^{\circ}$, and the mouid. At the to a depth of severaz feet, of verotable mouid. At the above elevation thes rich deposit + shathed yenr, sind thus favotured has become coryered with the uxarious prowth of leerns, and other phntsof a similar Clachonas. The very finterantine rative seats of the the forggonge informathon lasia bean gathered proceeds to say that it is propowed carefully to test the lowest a.gyatron at which different descriptions of Cinchomas rill succeed in St. He.ens, 20 ramote from great massess cooler an that wemp temperature ss probaby bed taa it woula be at 3000 foet IIelena consonis, in Wel-sheltered situstions in $8 t$ and nerhaps that way profe to be the case with the Sir C. Elliott draws attention to the importance of in-
troincig these menl uable plantsin all soils and cimat Where there is any passibints of succosost, and rematiss strongly adrised the formation of Cinchova plantations
in $8 t$ Helors. Dr. Hooker espen Faut of hugh interest connected Fith the pobject. It a the Mauritius, that the Cinchons leastrous fevar a powerful febrifuge prinmple, so that for dirtanced of of Afrec, it wnula be casy to trsheport large meonse of compe the dreadful scourge at sery moderate phen compared witl: thit of quinine in fire or $\$ \mathrm{~s}$ 3ears suffirent Falue to mand be sufin themsentives adsanced and of While on the suabject of Cimelises
without intarest to notios hom thonas, it may not be plants ia proareasiog in nther countios wion of the bare been introduced. From Jamalea we leara that out, a plantationts are by this time ready for planting their reception. Amongate thus ing hen prepared for most valuabie epeojes ocout, is C. encourubis ail che shise, chantitionalis, se. The secelerated formation of as $3 t$ will emable the suthorties theo to the isiand, attention to propagating the plants for sale, so that with Win hasistance of pryate enterpriso thear cultivatiton The sticeess of the miste in
Tus suceess of the prants in the East Indian planta-
appoars almost needless to rajor to the subjer, bat of several of the most raluabao species flome the grown at Ootactrunud, fron ous of whet the to
 says tuat tho plants $y_{4}$ eld analyst at rhotern had charge of


 attention to the fact that among the virime
 plonts on the Ootacamund phautation of search to fond apecimens Which possess all of and pecul arities of yur crisp a arc corno of tian of Var, Donplandana, and Mr Brouptod mis mist, sajs he does not find any nissent a or
chemical peculamty to , untify the 6 al oction many varieties, Fith remard to the formation glkeloid in the plants, it may be intereitio ome reason at present for thinking that the are formed in the oells of the tigsumes in Which the round and nre not elaborated elsembera The alh on the aeares and tha
not foand, as far as I at present cun
murp out, gut poured out by the laterer wheal coagulates becomes a layer of protectang ceas, no hifece cror no parcoptible plant besides the cambium. The wood I hurs to contain alkalodid, but in smant quantity, and of tha
 appears also to have maje au anslysis of the levertan an Cinchooas, to test the $r$ medirimal ralue, what ber ever at Muritus beroro allude to 1 they contain a minute cquantity of dubunas amornion ghalod, but that they olve their hittemes mat the presence of quinovia; he considers that t 70 madiciack value, and that sulphate quinine cannot be prepared from them. It is prob

 or melessnesta of the leaves as a febrifur oros Juelram, Keno.

## 320me eromesponitera.

## The Royal Horticaltoral Society's Show at ym

 chester.-I quite egree with your foot-notest the ed of Messirs. Shaw and Baines' letters ( $p .583$ ). In rijp of Mr. Shar's remaris, It shall feol obl ged it jou ont insert Rules 9 and 10:-in That peradols who deatro the priviling of menteng the


aimisifon to the Rendens oepted, overs member ham fow realident mombers of his or her fauills, faclndint tudpe

 anmea, whera roguikod, In book to be Kept for fost pulit at the lodge.
Another pownt in Mr, Shane onm
suswered in your issue of last Satur remembered, our menbers and then acilaioa waen our own exhibathons are held, mo gro recgint at ays a hare bsance in our I anum at a plance" how the admisainn of our sim in to their ann garden would have rasi meenozal 1on outh the walled some jears ard th them of whach wer merly to put an and to the soct I would ask whether it woulif have been vise lo vi the ponstitution or our Sority for sugh sin errite Freat har ilawar ahow, and that in a lact the spectal prizes, there cis ho no donft majority have beon prominod under Botanic show Was to be hald in tle Mascuas totaze Gazdens, The Royal Hortar kislira socit hsis thought it prudent to hold itas slonit elaemant a wronR step, but tifat chall ant prenent pre limdoing phat little I can to make the meetiag II yin chencer an sgraasble and prosperou morb, but refriou from doug so hat nothing ahould be dope to
that ought never to have etioted $p$
us forget all ditiferenceas, and do what the forthool difierencens, and do what

## Botancel Gardens, Nfanchentor:

Gronil Vineries, The shoots of strong Wian
 roimd tumbs difigalt to get dowt
Gmbursh wes whout taeir being briew. a po th they had beocme n little hardened at the bece, for th

and bordors, kept them cool and moses, and was espe+
cially valuable for Calceolarias, and its quiet tone enlanced the beauty of foltage and fowserz, whle its strect fragrance was no mezn sdd, tion to ther sceut.
Raintali in Fottinghamsh.re - On Wedrioslag
 oclosk on Wednesiday mu rning untal the forenoon
of Thutsulay, with the mind north etst, the barometer of Thursuay, with the mind norta eatt, the barometer
standiag at cuange, the lomest temperature beng $39^{3}$. and the higheat for that day 4 , Tas oonh, ifghas wel wasied the blight of the lioses, an! alr Citia of th raciog style I Ronoralls sout tho erark sorks at three seasons, at the wrather suita, $v, z$, at the beg notig February, and often perk the firsit dish of all three somings. In 18 (ñ I pulied my first dish on June 2
 Peas ara podding now, and lookiok remarkably wel unless a great ohange takes place is the weather, do not expect that I sball be able to pull any belore the
midde of Jund I have scarcely ever seen Pens madde of Jund I have safreely ever seen Peas
lpoking so weil. Isarton's Suprome is a strong

304inga of them wil. do any good, "odden is tiee grown seedsmen great cred.t for supplying nee witu first-ciahs seeds. The committees and the cooking of the lust dry summer have done them more good than larm Sual going to flower weli, and if proper ntteation is pald to m lechag, the late rain will do them goos. $J$ Alaler,
Bedding Planta. From my expertenca I can conlirm " (quo's" notes (p, j23) respect.ng the Pyrathruin blooming when grown from seed, alzo respecting Poardurable bedior ${ }^{\circ}$ I would and a word respecting one or two other thing which I have found good. Pelurganumes come tirst, and amongst the golden tricolors Lou.bse Strith has a first place. Mrs. Pollock is an old arlif lanis вy consideration with the mult.tude bitt I am contide that wheu Loura Smuti 19 seen groming Fith Mrs. Read ny, where I saw it til 000 phace, it Kns donnt mich near Weyruonth, whore it was spletidec, has hig grosu

afarmed by thosa who haro seen it-I hers not-
planted out st its homa, the Dulwich Nuraeries, that growery and very distinot, butyot not suficientiy irfioctive or bedding-out ; the 200018 all, or bearly all, quite black, and the tmoni comaon rormilion-miarset; lebecca, cherrs, aint vesum br.ntit schrlet, with is whto eye are sorthy of elery aro unsurpassed-perfect balis of bloom all the Eevion Trapsolum Mre,
the howars such a rioh crimson, thie leaves surls a dark green, and so profuse, moreover, a diue
winter blomer, For the few who can afford it Achyrocline Senndersonu (E. G Henderson \& Son) will be a valuable acquintion amonyst white-folaged plants, being of a beartifal sivery tint and exquisito in hibit, and moreover, useful an tho year round in the asme why is Artomusia Stellerama, first-raio for of ail the above, I am sure they wh. give every satisfaction as bedders s ther onls gat a finr fiold anu no
 want. Alexardet, 20, (nson Road. Cambridge
Gab-tarriag Orobard Trees . Camker lour correspondont, John Lluy i, p 500, seems to Lave unjured noty had to resort to the sinue expedient and a tor usoful me it 1s, but when egplied all round the tres, 13 prod sega had effect. I only daubs hithe hero and tam to prodse on tho sterns an! about on the ground, iti serves to seare awiay the rabbils and liares, as theg of
 most of the tarred bark, hurtins the 1 nner bark as hitt as possible, and then panct his trees with a maxture of cow-dung and clay, I thank that they whil soon recover thoir pristhne bealthnoss. He need zave no fear to well poel kis trees, as no 10pury will accrue to them dondy so. I have boen for some years in the habib peeliag, in sprine, to combteract the bad effeets in frostbitten, cankered, or hade-bound fruit-irees. I genershy commence at the ground, removing all the outer bari to a considerable heighth sod then prute back the branches sither close to the tree or as far back as there 13 any bisterel or cankered places, then pa nitrge
 1865, that frul-trees get frozen throwgl-ot least a great many do-by whict canker is unduced, which is certand destruction to the healtu of the trees so affocted in fast, they oflen become a mass of canker In all in fach cases I resort to peolinis, and mape never found it
fach in restoring my trees to health. Whem the trees
branohes clean ofl and head dowt the iree to sbout [ mo-thrids of its beight, then peel and paint. Many, foug too deep nito poor cold soil, but for one cankered ree so produced. I thunk (9) per cent. aro cankered by frost, and all that cau bo and to the charge of the cold soil is so tendency to catse the tree to grow too much, back to fertilty in all knods of filants, heace the cold or frost acts with double force upon tho watery tissues
 I ever seen the subyect mentioned tre books. It an always bad soll that bears the blame if a tree nets rost in my soil but nerer one by the roots penetratiog tor deep The h afston 13 lack Apples here in 1800 Fere abandoned tis caltivation and njured. inst hayo nad orer 5000 trees of thos kind, asi th is nuch esteemed It this netghbourbood as a cider frult, all were more In this nelghbourlood as a cider frult, all were mord or less ivjured There are not many Appio tzees so tender as ths, but yet there are several othore tha Baltimore bumerous wal Ilonne nr'Jersey, Serkle, Helle Ankerame, Duchesse do
 and easils cankered by frest I have a fiad tree of very muck frozea it lswo for about 2 to 3 feet un the Item, al. the branclite were begmonng to get cenkered; I shinved it all ronnd for about is feet above the sad ob is, 4 I I hape sadd, loaded with frott. One bad reault of frost-bite 16 , the trees whlat under its influenge nerer produce good frutt, it 13 penerally speckied with Fungus and othar marks-in fact, my Forelle treen, where thoy have not been peeided, do tiot produce an ealable fruti. Those of them J have peoled are tals sesson perfoctly hesitis, and were loaded wity dropped it, from boing affected by the few frosty mights may say that nearly all the kajs that fowered later have frust upow them, althongh many of these have been soraly fried by the cald proviiling all through Iay I do not know whetiber this letter will throw any light upon the subjeot of cankered trees; it at anes, small dereg pleasure to me to lhre chot in the right direction, and aloo to hava shown that there 1 a a ready Spring Gardening - fefir das ngo I hid the
 see ms frimel lir lughs the gardoner, there, who has arlemag, and to spleed no the best subjects gengons been able to produce very plasing and harmonions renalte from simple meony, thd tho tho af a otaployed by him are within the roach of everg peran to ornamental whrposes. The garders at Crabmood are on a small scaio, but in stmall fardeas we often meet trith meritorions results. Tho flower beds here are close to the sonth side of tho mansion, at perhapa a gracefuly crared walk interfenes between the beds out of sinht anoongst the shrubs beyond the former gardert. 1919 fower gardert hish ilutut 11 beda cut out menad ug with ampe, and beyored the beds thare is enough space to aflow of the modern game of croquat beng nlayed, beyond this there is an 1rregular and diversitied outhene of shrubbery, which when scen from the manz:on se日ms, as it were, to houd and encase thats of shrubs. There is one great point to bo observed in etaplosell must all be in for to Eecure this end, Mr. Hikes princlpally uses the

 prinerpalay used in the flower heds. Ta some of the
 matutes Woughas Sile harint the taller-groming and more showy pink Slene perduile in the maddle of the bod. Some plan mhere tho Salene is used it growz too high to allom of tho Ssilfrake being seen to good advantige. These plunts are all hardy, nud when in flomer a shotver of plants ar in moderate a monsit of frost does not detract from the beanty of therr display of Daxcoon, Shirley, South-

 well be proud of his spand terding kardens are ro weil agrand succoss. of four readere. I nast be allomed to olfer a fem remarks on the sprapbedd.ag, se In the

 Promroses, Tulips, and Hyargatis, some hatte dismondstapeel beds at ea $h$ and of the conserfetory belng hattle gamy the blue Geatian. Leaving the canperth havo been fory muoh frozen, it is well to out all the


 the






















 Alter worp pative, ind. Auriotio purpural he

















 in uly int: Itown : ! Al formerly hind


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 hate bete expmed 'perferly uaprotecter bouch







## Forelse Correspondence

















 humas are not parrly fatait, bat, T DE 12 trla ${ }^{\text {a }}$ quation taght to have recented mof stientioa, for 1 conct phacesp boves tark for hedpes io to bo jro-
 lest platis trunked to a palms:


## 1 theabise

In writh il isheng of líe jonta wel murtz

 f nusard and Jismlart





 nif + ir hapt to tho planto es in the cacy if the


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"itt -iratist.
 and ocoupy seremal \$az* Fhile m +a, if the mont


retaltarue is notall. The bagbeat number wisen in the montre se lent to 750 mo that, appervety mupy bave beation ontiod, and in mumproun en on the number da tot nortepoad with thon alter hed to the finnt namod in the catamaule. When I the other dar the

 Nem PIm





 barometer higir; a gundred miles frim ibl revod coust, the Find still the same, the eky becuacor th
 canmer mes. Tha shores, formal $y$ bugh wifit furmounted by lovel plaina, " ${ }^{\circ}$ ratakd, but apperai ell buk devoid of tree vegetan: Onoe tho ine
 with olondy aly, and on pearing i shoiti of Anc
 w. At at clouds. The m , ad beot S. 1 ptme we left M, 1 , , left brilit
 bine gig and en dry ne osphere, thicer the in the son









 thatike malen wh a the last year, bowern



##    finl B Eume 



 Fruis commiteen - On tint








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## Forists' Flowers

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tronk if ue of ecour imuch wanked, the flowers small Ferscandindt, salmon-red, spotted with gurble art ilut Duper semment, a bod but somembat loose flomer gater. Frederick IL, paler stall, of a pals stmon-red h'es, the upper sermenta plentiftils markerimith sma







 scariot, a fite and bold dombr, though bomerant rolaghFurier, it thin and sormewhut Inasy-lookiog fomm of Criteran, scmarcely so poond an colour.
IEerp ton, was Feen the first representatives of the new



 - Diow parated flower, the lower ytaly whel rose oferlast witu arabres and painted dark
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 jarga pire shota throat, iriper pelala batasied wi th

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 and tho plant has bright oraugerowrlet downes, larger and much finet 1 n itulality than is geugrelly men in this ate, it whethown in fine conditipn, the flowife ark, rivl of a delicate hlush-milite, Whbs a



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## 13elargnnumm Shots at Sont

 adj tion to the new Yarlegated Selargan ums. Mr Mann, of Treabwood, broutht a batert of lime Zona Pe argoniuirs, Fhich quite maintamed lin rcpatatiot

 "tes 10 flopeys of bodolated sugenonte prater. Hir hant a lontert. a flower of a rosy-sa mati lon


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Heroine (Foster), shomb in five condition, and to Heroide (Foster), shown in find condition, and to hoves The same ambry was zince to an Pontl 'ror a slver-edged Pelargonnura zamed Thaltinm Bride, the modo of growth somerblat resembligg the of Flower of thie Dag, and producing pure white flowers, habit good
bonme Gond and lironze and Konal Yelatroniums were urnshed by Wr, J R. l'esrson, (h|well, 8 raster who has distribuled some fice thanga in this way Two of he later are very juqumong, viz, Irncipa, havide a
 sulmon-yearlets lit up mith oranye, both rarseties of good bebut, ath having darl zonete folage
Two Lusen recerved First-chas Certificates, vis, climbing Hose Duchesse de Merklenburg with palo sslmon rose-colonired flowers, frons J. H Arichright Ema, Hampton Court Lemester, and to IL P. Mons. Foolfieli, braght pink, suffused walh rose in the centre of the flawers, whoh wero large and fult, a beantion



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## Miscellaneous.


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## © The saritultuxal bazett．

## SATCRDAF，JTNK 5，1s69．

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No ono has a better mght than Mr．Mecrir to speak for Trre Roysl AGRJCl＇LTDRAL RER゙ジOLENT Assocritios，But That is the explanamon which ho otfors of tts expen－ lituro，to which wo lait wele callod atten－ tion＂＂My oxperienec＂he sajs，＂has fatight mo that tho stremm of $x^{2}$ burity doos not alwity thee and tiow spontaneously，but bss to bo sought for and IManjerd up at considerable cost，and it is not alwajs the choppest manage－ ment that produces the larget rosult，but rathar on the contrary．＂But we eubint to him that the expensed，whatever they moy be，cots－ nacked with tho Rogal A gricultural Benerolont Absociation，are carafolly and axplicitly yub－ lished in the acconnta of tho Socioty．There is no nom Fhatever，wo presume，of refarring in roneral torme to the inewtably heary costlmesa of managing begesolest assocrithons；for the amount under brery division（ff tho otatlay atnted，and may bo suthutted to arasty as antid diseission．last year，for example，when $5 \because j 5 t, 1$ w， 67 was recelved，we aro giud to know that the annversary expenses wore only $16 i,-a$ good deal less than they had beenin any preprods year－min excoptional economy whuch will，we hopo，gude the practiee of 1869 ，and all Fesara to come．WYo know，too，that the salaries and collector＇s poundnge，comanlision，发o．，tocother Hith incidental expenses，mounted in 1568 to 497l．18s．3d．－rather more than tiley hwibeen in
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THE ROYAL AGRICULTORAL BENEVOLENT



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## Societies.

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 Mr Brandreth Gibbs, Mr. Holland, Mr. Wron Hosk air Iamen, Mr. Mithurt Mr lison Mr Matag, Mr

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The fo. 0 u.na members were elected -

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 undou'thel, din to the to retar), Mce कुerything was done, and tie attractwar
 Mondar tha sitn takell at the rufative
 in a delcxils
strength of these animala was displayed in a mak-
nificent bail and cow, the former seat by Mr Arknlifeant buil and cow, the former sent by Mr Ark-
Frikht, and the latter by hir, Allen, ns bet forth in our
pize prize list The bull is an extracrdmary fe.ion, but beyond him there was nothing worth notice 20 the aged class, for the $2 d$ yrize wrs a narrows, irregular mave him anything but an improved or improving appearance. The cos, honever, to wh,ch we have great.y over-done nuth $x i$ ih or fattening lood. The njury of thus is clearsy shown in the s:ze of the calf a dim nutive thang ml ch lonks to be too pood to knock d We head, but when it is cilear would cost twic as mbeh to rear t nad feed it
would he worth when full grown
Nould he worth when full grown
J'he Sussex buils were in bad condition, their coats betng fult of scurf and dust, This negligences is unaccountable. If it had not been for two or three great and good cows, and a few hazdsome and well-grown or growngt helfors, thas broed would have been a dist credte to the show se well as to the county of sussex.
Tho Chatuel Islands calto were uppards of Bo in nuraber, and a finer collectron of thris pocular breed of anjuals tre never zaw out of their native 1alands. The ato competition, and as there is as mueh fissimilarity betrren the Alderney and Jersey and the Guernsey breeds, $n s$ there tb between North Wales runts an the ubual amount of satisfection amode the some erbs Frenchtied and exctuable island exhibtora, The Jersey men object so much to the Guernsey breed that thes, will not allow a sillte one of them to pacs the
 they will not aflow a single forsey animal to be imported 1nto Guernsey. Kr Le Sasur'a 1 st priem was considercd by soac or ourth or Grith-rate one, because he was leggy, light in This decisian was more objectionsble to most of the Jersey mon, begause whas they considered the best but Was only ilinhly commended. Thas ak+mall is Mr. E.isas Nicoleefs, Trintig, Jersey; the dam, too, of this
buif was awarded the lat prize at the Royal butl was awarded the lat prize at the Royal
meeting at Peymouth, and 100 es. woro then meeting at Pyymoxth, and 100 res. Wore then
offered for her to be taken to Amerina. The offered for her to be taken to Amerith The The
dertsions among the cows and heifors kavo even taore dissathflaction, ant there certamls was a s лгре amount of inconsistexes in class 23 , for if the lupht sand Cosmar, ivuernsey type of Levfer, be clin r ght thanp of nnmal for tho lst, prizn, the very nent ard beautiful
 13ut ths may be accurted for from twe Eng.ish resident in Guernser, were tho julkes. Prejudica In thesg casas will not give Why, ao the judging taking.
The following are the awnords in the cattle olases:
 Enficin


5. For tho bert Heffor nat excoodtmg a yeure thld on
 Builer

##        <br> Cruss 10 . For tha bat Heffer, not excoeding ayears ollu on 1st 3ure, 186\%,-10, gant mauded Lady E. Pigot






 Jencay 22 For the beat Cow in eailf - 19 , Mr T M Mindonald,
 CLant 33 Por tho beat Heicer, not exceecding ? years old on


Sheep. The sheap weas a gond stow as a whole, aithough there were some very inferior animald pre-
ment. The Joicesters wera plaged lat on the list, and Mr. Banday, of Holmepierrepont, took the two lat prises in the ram clansea with ehoop that were of an excellent form and of a oredatabe alze es Leecestere now go, Theso theep, it we lave orren remarked, are go-m-hesd age. But we Linpe the kreat walue of the aheep as a pure breed, and for improf ng Lin olin and Morthamptonshare Eheep, an! tor crossing with Hamo shire bowne will long be appreciated, as it would updonbtedily prove to be a great loss to the courtry it thas woolly tribe ware merged entirely sito other breodes or becoma allogather extinct.
Of Cotswolds there were only nine lots, but thoy were of their usual large, fine, and white characterexcenting one, howerer, for Mir. Raynbird gent as great a bruto as wes over consigned early in life to a dogbutcher
Southdowns for show without Lord Walsingham's name beng sasoofated with the extabition in an oddety, nar or or Mr Heasman hare bed it noterly all theur own way. Ths Southdowns were, however, a long i.st. There were 4 entries of shearlint rams, nud 16 of a0y othor age. Mr Rigden, Mr Messman, and Sir W. Throckmorton, 3art, tance, and the ewes of both Mr Heasman and Str W I hrow kmorhon were remarkab, g bes, anful for symmetry and fine white woo The li.ghy (onamended pen sent and bul itte, if any infertor to 14 e prize nheep.
The Hamplisi Dawis were sure to be in strong
forve. A more valuable colicetion of sheep we never A mere valuable collection of sheep we nevg grize rim had a buick which was not
ouch in tue yard. Tne welght of this sheop, 100 , a though ha mis not axcacmively fat, wran grati This is one of tho Nilasble frafoy of thean whep: thed in eppearance, but this vien applies more to thair big W. for he had the eppearanoe of one of the German Noah' Lrk toys magcilied E few handred limes; and sombe
 rhtill had a stomach trice as Jargo or doubly distended will wind The ewes were a rapital masc, and tho arran chtry and character of ram-ambs, 20 IU mumber ome of which bad their motner bs their side, did redat to thes breed, which as raphaly coming to the ront now that we can get a supprabundance of woo
 they will inarease in popalarky when gome of tha resent fine aud fashonable flocks are moither seen at Royal shows nor thought anything of in thes antr igtrict or county.
The Shropstires luve found thair may the this dis ance soutli, bit only in small number iond Chesham, howerer, had a pro of owes wh.ch, lor rositnesy of eppesiamee and un, form $k$ g charactes therr lepg and tace belak binck wo have seldom sopa urpossed. His lordshipr 1st grize rsm was a so ditu Fould be considered larat mough for the old-eatablished Shropslare breedera. Hrwover, takiog them at bey are, they are very heaut, ful bleger Mr 【orkon rams agil were bred un saropsh.re This lreeder has takon Ithang to this breed, and it and not appear that hat fancy has been at all musplaced, whilo hitsuccess show that the supposed elutability oi these sheep for almost any soil or climate his some sound foundation.
The Somerser aud Dorset breed, with thairlons white curly loras and white wool, were well rapresented, and they readily reminded one of the first lamb of the season, for produc of which their falue 19 grent, and fuly sppreciated in this merghbourbood and the situ of Ifgat. There were, $\mathrm{LOO}_{4}$ some Exmoor sleep, wach have a sicalar formbers the birle bill-sices of the shoor aftor with thes aru namod, they are very small. Aceording to Mr. Tucker, + the Strand, there 18 nis According to Mr. Mrker, + aweeter muthon than they prothee. sud They are, there nothag ess except goats sould exist thes are, fore, worthy of the position in which thes stand at

LF fater.






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 M. . Giantaglurys, Somersot

 Cuats 34, For hir hest Ratan of any pther


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 ${ }^{1} \ldots \therefore=\ldots$
 Tpton DWowne,







## Mor, L. Lougt, Jinznn Farm,

Horses, -Thane enjonls were legs numerous than we expectad to flad tham, but the soushern and yestarn conntas sre more colebrated for their shoop and cattle han for horsas. Eren the gpecial prizes offored for New Foreat ponies wero mo littlo thought of that no rall respouso wiss ma le The cart-borses were scarcaly Fhom 2 for itis purpose thare ordmary local firm-horses and lardy animals. The entries altor theor in the



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Pigs,-Pigs thut appegr at show Dow-ardsy act
anke, and lacre ja bris intie rosta
ertioum, in connequence of their untiformity and good-
 in livent hy any ane The mulortunate ponseasora of
 i ntions the irwi exhibitors of late mat here with thar usitul owutas, ind the Messra. Jation
 prisiar in pifs as they keve long been in madanory,
 $n^{\prime}=8$ The other exbibitorswere the Rev. Mr, Baleg of swindon: Mr Walter, M. P., the Marquis of Alesbury, the liavi of Radnor, Sur Willsam Eeathoote, and many others of local standing.

## The following are the swirds:





 Huw inl, Redford Cor:mensud SLr $W$ Iteathonka, Bart.
 Conamendod Mr, J H Clark, Altwood, Maldonhead. Burle and Mr H. Humfoy, Bhriverham.
Oussa 62. Por the best pon of 2 broadlng Somes notezuediln


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Moss Bi. For tho beat Boar, not excooding 1 yent of un




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## machares here is larper, we are. awo

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 A I mowers sull we int . I A and $2+5$




 peny, Mr. Walter Wood. 4 :... sithet $=6$ Floster \& \&ona, and Mr. Pupa Mr, Romit Wus bhut out, from him insadvationty informal antry.
The work which most of the mastinm what wig required to be dope of wa a
 res ult of theset trials that we may have a for if say, for the makers are quite camble of thin alemr field and no favin-5
Hessrs Howard also worked a deornqu digger with one of thoir oross boiler inh engrines, nad they did some mbic ary

Messrs. Tasker \& Non had their crombot They worked was oue of Mosere, I'Jwime furrow balance plouglat. But that satizfactory at tixe enda, althourb
after thie plough not to the worl.
pirie's romarksble threo-misend yoobu plough wist alto 解 work with $t$ nod hone good work wis done with it it sher horass, as any one neod see

THE HORSR SHON. Homentarah Hal , Kahalam-1.e thi Horse Show whe opened here wa saum: brought to a alose yosterdey.
CLuans io. For the fest Bull, not exoowiting \& yeara old Yt Ti Medndonald, St. Potor Port Bt, Aharevis, GcernCo 1 'At For tho bost Cow in calt, or hu mill, having bud



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## Votice to Correspondents


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MARNER'S SILICATE of 1RON PAINT, A Eertan PREPEATIOY NEMH DAMP WALLS

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hwew youm to is the but, and omerien aff enery Pritd that har low gion in oll cumer of compettitow. Sime the first year fing sam infrodiesod ( 1856 ), mprexyle of $46,800 \mathrm{hav}$ bemt Nold, and ? ${ }^{6}$, DAD of 1 tatat number dumag tide latities seasoms.

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## green＇s IMPROVED PATENT ROLLER， FOE

TTB，DRIVES，bowling areeng，cricyet Fielis，and Gravel paths． SULTABLE FOR HAND OR HORSE FOWER．

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Learth
43 veches
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PR1CES OF
 FIMYED WITH 8HAPT安， Sudiable for Pony or Hotse Power．

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IoHAS GREEN ANU SONS，SMITBFIELD IRON WORKS，LEEDS； 54 and 55，BLACKFRLARS ROAD，LONDON，A．

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## Establlined Orchide．

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yincmondswerth，Mddleser
TESBRS，E．AzD C．NEWMAN，Hill SKLL by AUCTION by order of John Corndy，Fey，Et tbu Chopncra







To Shorthorn Broedern－










 Bntlay Abbey，Foodbidse，suñolk

 N $\frac{1}{2}$ STREFFORJ and Mr．BUND（who are juntly








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# SHANKS'S PATENT LAWN MOWERS FOR 1869. 

UNDER THE PATRONAGR
op
HER MOBT GRACIOUS MAWESTY THE GUEEN,
 possessed by no other Lawn Mover.

PATENT DOUBLE-EDGED SOLE PLATE, WIND GUARD, \&c., \&c. TEE UNPRECEDENTED SILE FOR $18 \angle 8$ BEARS TESTHMONY BOW MCOH THESE ADVANTAGES HAVE BEEN APPRECIT


THE FIRST PRIZE MEDAL of the INTERNATLONGL EXHIBTTION LONDON, 1862


HAND MACHINE.


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A. S. and SON have, in addition to the PATENT DOUBLE-EDGED SOLE PLATE and WLND GUARD, made very grent AlteraLopa sald Inprovemedt a

 with other Machince, when fita 日uperionty wall be at once seen and understood

PRICES -INCLUDING CARRLAGE TO ANY RALLWAY STATLON OR SHIPPING PORT TN THE KINGDOAI. SHANKS'S NEW PATRNT FAND MAOHINE.

gEANXE'S NXW PATENT PONY and DONEEY MAOHINE.
Whath of Coutp
25 meh Mechini
28-inch Mechine
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Boots for Posilent Morement, 12 s . 6 d , extra.
Boots for Poay; 2hs. per set. ; Ditto for Dorkey, 18n, per met

SHANKS'S NEW PATMNT EORSE TAPHOR
Whats of Cutber.
$30-10 \mathrm{hoh}$ Maching
 42-inch Machune $\begin{array}{llllllllll}\text { 42-inch Machune } & . & . . & . . & 26 & 0 & 0 & . . & . . & 40 \\ \text { 48-inch Machine } & \because & . . & . . & 28 & 0 & 0 & . . & . & 400\end{array}$ Blent Movement, 20s. extre Boots for Horse, "les. per et

## SHANKS'S PATEMT LAWN HOWERS

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ROTAL GARDPRB AT KAW, WLNDSOR, BUCEDGHAM PALAOE, HAMPTOX COURT, OSBORNE, AND BALMORAL; IN TEE GARDERS OF THE HOYAT FORTICULNURI SOCIETY $\mid$ IN THE GROUNDS OF THE CRYSTAL PALACE COMPANT, S gooth kensington ;

IN HYDE PARX, IN FICTORIA PARK N
EA PARK,
 and therr suceess firnily eytablunhed.

Every Machine warranted to give ample satisfaction, and, if not approved of, cen be at once returned.
ALEXANDER SHANKS and SON, DENS IRON WORKS, ARBROATH, 27, Leatenara 2 7, LEADENHALLSTREET, LONDON.

## GREEN＇S PATENT SILENS MESSOR，

# HOISELESS LAWN MOWING，ROLLING，and COLLEGING MACHINES． 

BY SPECIAL APPOINTMENT， MANUFACTURER


TO HER MOST GRACIOUS MAJESTY THE QUEEN．




1st．Simplicity of Conatruction，every part being free of aceess．
2d．They are worked with far greater ease than any other Lawn Mower．
Bd．They are the least liable to get out of order．

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 ar gisen in compeltion for superiority in every point．

## PRIZE MEDALS AWARDED TO GREEN？G PATENT LAWN MOWERS

ПRST PHZR MEDAL AT THE ISTERNATIONAZ EXEIBITION，EONDON，18G
FIRST PREE MEDAL AT TIE ISTERNATIONAL EXUIDITION，DUBLIN，IBE，
FIBST PRIZE MEUAL AT THE NAMOX HXAIBITION．
FIRST PRIZE MEDAL AT TIE GAND EXHLBITION．
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## TEET ARE THE ONLY MAOHINES IN CONSTANT UBR AT



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TER WINTER GALACE GARDENG，DUBTN THE DUBLIN BOTANIC GARDENS TEE LIVERPOOL BOTASIC GARDENS THF LRFDS RGYAL PARK

THE FITLL BOTANTC GARDRNG THE HOFANJC GARDENS BRUSSELS THE PUNDRKLAND PARK TEA P PregTON PAllK

AKD IN MOST OF THE PRTNCTPAL PARKS，SQUAREG，ETC，IN THE UNATRD KINGDOM．

## HORSE，PONY，AND DONKEY MACHINE．

GREJX＇S PATEAT

## LAWN MOWERS

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PRICES of HORSE，PONY，and DONEEY MLACILNES，inolvding Patent Self－dolerery Box，Croas Stay complete；sutable for attaching to ordinary Ohain Trace or Gig Eurneas．

## PONY AND DONKEY MACHINES．

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Leather Boots for $P_{\text {ony }} 22 \mathrm{~s}$ ．

To Cut 30 mehes
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Both the Horse，Pony，Donkgy，and Ernd Machunes pobaess（over all othor Mnkers）the adrantngo of Eelf－gharpening．Tho outters being theel on each side，when they
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HAND MACHINES．

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 in Erg gund，Ireland，and Scotlend．
HORTLCDLTGRAL 日ad AGBLCULTURAL IMPLRMENTB，GARDEN SEATS and CHATHS，FOUNTAYNS，VASES，PLATN and GALFANISED WIRE NETTING ORMAMENTAL WIRE WORK of every descriplion．


THOMAS GREEN and SON，SMITHHIELD IRON WORKS，LEEDS； and 54 \＆55，BLACKFRIARS ROAD，LONDON，S．

CHAELEASTY Zonel Pelargontums. CBAELES T URS ER Atrongly recommends



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## New cotden Coleus

H. GANNEL, cam buppls the follo the TEN BEST




 JOHN AND CHAKLRES Ros for 2869 ,










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$A^{\text {RCHD }}$ HENDERSON'S A DESCRIFTYE nad PRICED CATALOGLEOTHEDDINGFLANTS tion of the past two jaria Teo Stuck is to fine cordition, for extemb and Nigous absorpeaned.
Purchanars aro tespantrulty antiter to inapoot the stock kt 3lan Nursery, Whitaliorse thoed, Crogdon.
Apecial offera will be patdy for larget quaneltuen
Catelogryas to be mad gratios, and pow lase on applleation.

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If now Publinhetw, and will be forwared to all appleanata on receipt of 8 Pustage Stanps, and meat
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THE FOLLOWING FORM PART OF THE CONTENTS OF CATALOGUE:-

| ACHIMENES ABEIUCAN PLANTS. Aqutics, stora <br>  <br>  CAMEASIS. |
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## man



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the loares hate kept that part of tho bub green, and ase now browt has done the same thing, remanned greed all thater, the three oldest stlil green jover will flower
 appears udentresi, but I must still press the quebtion as to trees zo of anssior, snd the temperatures be has ak tile trewendous spleed at whikh Orchids aro kiled I Fow th 3 flond not be, akd thouph
confeng I put as a coutrast to Mr Anderson cool trentment tho livgliest tenperature ma houso it oftea has been an July and August. From $70^{\prime \prime}$ to $80^{\circ}$ is enough for Pides as a rule, and ra a beat that believe Orobsds require Our ghend question yet is to flower Falconeri, not to prow th; and I think that in Mr
Lorimer will read my letter again he mill see we only differ in the mode of raisiak, the requared mosture, the atmospbere in my house is as near sare not the rule, I wish I had, but I believe it wil. contann rearlg
 pajcer I mentioned as naving written sbout two years to etart o d seussion upon the meteorologesel requirements of Orchats, as shown by tho puper I mentioned
in tho Journal of tho Scotisal Moteorological Society. ntchads front the warm ra 18 condonsed by the hagi. elovatuons at which they are found, but they aiso need the hot sun to ripen the bulbs to the reflired flowericg by $00 . d^{3}-$ and whed I add that supporl should be given
 gone over all the phints I wished todraw attention to in my last letter $G$ in
Oar Frut Progpects.-So many friends, both at orne and sbrosd, heve writien to me on the atove rubject-che spring having beco so pocu. Wheryations in your columns: avd to be as methodical observatious 11 your. as posilo.e, I give foreign freesda, or perthaps 1 oughi to sing colonial friends, mowe of whom zaveneal always to take a warm intercet in ur and mang of hers Who tave heard of it Dever likely to esea it, I masy perhaps be allowed to give s Ehort description of site and soil and cimate. saryof re., hips about 20 miles iti a dirent line to tha north-
 dry pammer leat $2^{2}$ or $3^{\prime}$ less than tiat of Curiwek, Fiater and spring frosts not so sotcre by $2^{2}$ or 3 -so as that contral point of horticultural obserfations for natance, on the lat Blay last $\mathrm{B}^{\circ}$ of frost were repistered at Chiswiak, but here ouly $8^{\circ}$. With regard ta site, we heve those pretty undulations peculiar to the county, with its brooks and spriape and Fatercourges, the jatter bordered with rich alluvial loams, mixed with ajumara and carbonaife of limes; these clayey losms, with oocucional felds with aubsoils of calcarco ss ssad, are d sposed oper a large district -this parish alone contanturg 7000 acres, - and are most ferthle arable lands, ofted produc ni 8 quarters of Whent per acre jet oddy anour inless hearily manured, are not neh and have but little fatten.ng power even under the highest culture Apple trees, in the orctards of the farmers, nucceed well, and have not that mretebed, mossy, bcragcy appearance thoy have in Deronshire, nor are thag Herefordanire they are in the Worcestersine and standard orebord trees of some 30 to 50 years old is Fery goanty, such sor and others are peeduyg Rymer, Sturmar Pippin, and otbers, are almost or gramods on Paradise stockis, whethor Enaglish, Isttle bughes, Drom 12 to 18 nochea hirh, require a large portion of thetr frust thinned out or they will die nuder the presuris. I have nguat thatight moro hrglity of thess ittio trees thay ne pres sent they require no wires or stakes, and but little trouble, merely that required by ptnchung'in their young shoots during the summer Too miteh can not be batid 10 lavour of them for small gardens, bs they evea less aph feet spart, in rousg or ef luares, and quito bare of fruit, they bore large crops in $19 \xi_{\text {, }}$ and 156\%. Trees trained against malls are auso bare of fratt as are the majority of those in orchart-housed the in the housct, their heads were in © comparatively parmardatmosptere, and the pollen consequently dry and aotive. chat mose abadant crop more so ma have witnessed for many years, boye have been emplosed for mazy days in ohppiag of the Duke trbe, Euch as the May Duke and Emorisa Eu-
解 frat, jhast on the point of colouring, causnag gome
the tries.
? $t$ the Mahaleb which is at liome in the Cersous Mhen Cherries on standard trees in orchards cors man bundant. sbundant ruit, at crop. lígs on walis ere really destroys a. 1 the young $\mathrm{F}_{\text {en }}$
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Ens G Grapos rieger were more abindan bor under pronnd faneries, and A bouses mben

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pots standing with the and some thatee or four dozen of tararl' bosha which were placed in gentue heat in Jamus fill of fratt, whech 18 mose ripebitis $\mathrm{M}_{5}$ somo 15 years old, and whe therer brto in March g.ued the poilen to ti: e anther no dusi, as ushal, dlow oif, the sta not properly imprognated, tho fr
freely, and aiter a seerainzattempit
 Peach and Nectarme trees. mastly scedlings, standiag amotis
less, thet are loaded w, th fruct. Find that are orchard trees, ated for the most part smabuadant Williams Bon Cluretien, Bearm
other hardy kinds, lave set large quats
old market garden caynag
Tho exception to crops of Pears or atandard trey 15 tho total fall rre of Mirre Lot se nuy treas 30 years old, an 3 1.hes are quito bare of futh enough, some standaro trets of granted on trees on the de mace stors, ara buahes and pyramids are fur the most part set in With frult: cordons near the ground hafe on
 tieno are frum is to as jeary nlid, the former pare sucti immeriso quarilities of frute that The have compeled sufered to remanero are ten ames mone durifin height, were, like the o il ones, masses of blas most beautsful sight; these, lackng aly ad sit have get only moderate quantities but tor oharmius objects. l', ums are, "Th some exrenas forson crop

the "Black $\mathrm{D}_{1}$ monds

## et immense quanat

dropped off, learimg but a so frombt,
he varieties of Greensage Reine Caside de Bar Oulin's Golden Gage, are bear ng fine crops bit most sathsiactory of al. Plums in man bur
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balt of frut savelling fast and sumpary
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ob to the axtoat promised hitw，and on whish，it may be，tiad he undertook the wat hag plonds．It whas as in Belatiom，I Wh，atd to seoure it by represpatation or e ronld have involved a dolay snd expenge s milue．Something of the same sort took mbure and thatin spite of a payment havang
 rozinelf tha Ministor in oharge of the riment in Ressia，who，by on arbitrary parar，whisoh would probably be in personsl cognisance．It iv plain reneness tuat the presont syetemin rai ways for a reduntion of prices does not th ma most peoplo will phree with me d be better that it slonild be altogether ess it exi be put on somo better footung asuperat e obstaco in the way of dolng ment eflls arise 1 IIefly from the arrange nily a matter of facuut eeplional nuture in thenr officml capeoity lange no knowledge mitr for，hortioultural extubitions，「Jies
not to promoto hartirntura，but rail－ as they mipht make for any extrapeotis praisemorthy．It they can bo can－ fed lown tha fares or freights thay ansld t onal seuree of temporary revanne dane at St．Petergbure）\＆money nayment ion，they may make it．The parst，the phion，brought for a weok or tho by a horti－ tion，is too brief and too trialige to bave The meoond as the mght way，but it wiz long as the concesinion is arranged sa sh to all the railway oficials on all the It is these special arnobpoments that mobiel．Before they an be complated，and
 arged，and the mischiff 15 done．

I roparly tho concession must bu liselate of not require nity new Issuing of any fresh instructions to bare nlready sufficient mauhanery pration（at all oventy in the summe the demands of an international conicets or books supply
all strangement the excuratong could to routho roquirad by the axhbitios， muoh per head＂on anfa or rotura＂ the managers of tre arhubition jrimes as they monte fix memerlispors ac allerent kinito of members， never Circulars The trouble paragrapla ndding ita $y$ rato，$u n d$ a paragraph ndding that wated at the redrued rate，the price Hed in adpatsee mould only enta，is second The rery grent nufandage of LLaplan would arang places ant in by the excursion，all the puaces in to nergabourhood might be the opportubity mapht lend many to ase of the chenp excursion and the exht－ hi an would not hape come for either by conveyance of plants，and tis notensy to Fonera，jlan could bo adopted with regand the whole $\frac{1}{\text { would suggest that，anstead }}$ the rimpay companies，the exhl－ Fith the extibitors themselves． reduction of frelght，drawback，or
a awann rather lot the exhbiters， 10 pro－ convesamce of therr plants，as sure am I that these draw－ givad to trouble，myst，ficatiom， there 14 anotlier point in tho is atio of some deliency and whint egitat，on，and rather with the wial It $w$ II not subjeot then to press rarastional exbibitions are，are some－ o are not born in the gurpla，and un． hes ter the top topa！moxtures 80 bere，the doration whether it would not burs ample general tombittee on．ons when it Towd ho ons when it was not desirable ind hist who jas insule the domanns of eny uection to tea（conereto butend bis hoopi－ Me Consu of hungey locustat．It is in phon thet if exabition thelf that I end and hy our mumbers or our manners，wo
 －Webtintasch－Cin any of
haten tin thit treo to your readers inform resy deximbl coramon for it to do $w$ ，it Thata hou of the coritevate ith for the dark xatere in here ocnes makes it highly unte－ I atsin of it 5 feet high，which
measure to its kiatiag been tramplanted last nuturan， nobilis，名 feech hagh，transplanted at tho same tume as Webbana，has seren cones upon it，J．Pearsom，Rame－
 Cirnese E 4 30 foct hosh Ino brakchas from a onataral codour，whatit it produmed thi withan tate last cxception of somie soting sho entire from in，witb the Farkersed as in splecinten edeloged Can lats vianko bo accounted for ${ }^{2}$ IT H［Wa ate sorry to lasoomo othec answer for you than＂we do nat know＇Ens ］ was elsoorered at Port Natal by Mr．Mork it Maken and was sont by limm to Dr Clooker，tho les named it：


It in deseribed as a semi－aquatio and seetrs to bo
axtromaly frea－fowering ：neurly and the buibs received axtremely free－flowering：nemrly all the buibs received very zmall，having fowered in theapatumn．The stronger plants produse from 7 to 8
plank requires to ba oulti－ and，bloomine lateran autumn， ngd beagg veryswet－gconted， recommended to florists． $\left\{\begin{array}{l}\text { A nont gnd intarroting } \\ \text { brongt not a showy plant }\end{array}\right.$ evidentiggrowing and fowne Thites，ata sre represented of the nstural arze In the de－ maryin．EDS

## Rhododendton Falconert，

c－It may perfapa beanterest－ ag so some of your readers Sitsim Himal yan Rhodio－ dendron is flowering hare the onen ground．It rerts raised by my employer abott 20 years tato from seed which ha regeived from the ？ W．Hookar，and wen plapted outt whan very molli，the plant is מom 7 fret high，and the branobes spreag In coct it ctroumfersnge the fowers，which nre of preat gubstanoe， 9 cre creamy White，and avarage about 55 in Wo vuss，of Which there are 15 on tbe plant，it omppictutu object．HFe have nlso R Dalhousixe and Endgyorthis in flomer，but they don＇t appear to be 80 hardy，ת．barbstum has been gay all the mater with its complact brishant scarlet 1 russes，and appeara to be ns bardy as R pontacim：R．Thomsont does remarkaby well also，and has flowered profusels through the winter．$W^{\prime}$ ，Johmotone，gr to $W^{F} S_{\text {dita }}$ 1Ry，Tremough Howst，Penrym．
qoses．－I hear the Rosos are in a bad comdition in Fariobs quartorg．Mildow，hotoydew，Orange fungus and black etatns in the loavea are the cluef canses of the complatnts，to which I fear trey be added Aphuse I here had to contend wath all theos foemen．Th Rose trees hore are however in very farr condithon，and I hope to gratify ${ }^{+1} \mathrm{D}^{3 \prime}$ of Deal，who promasis me a risit kjed tbe Aphides，the black atanad leaves aro rou moved，and now honnydow is yery pife botu hore and
 of wash it of the jeavers，ard also to witer the platoto There are tivo great orrofe with rexard to homerdem
 he case al，trees would he atfected alike，and the tops of trees more oo thian tho base．The other error 1s，thet becsuse whetehonaydew Ig，insectacongregete，thehoney dew 18 occasioned by the inseots，Sycamore trees，Hotr－ beam，and Roses aro the mortiliable to it of any trees．It 15 मothing mors than the viscous secretions of the tree atrer a loDg continusnce of N．S．of D．Winds and cold מighte It must be wathed off before it is dried on tho leares the pores of whah it will stap．I wrike this hopong I may be tin time to save rome of the Rooed Faglad．The trees mey not die，but if they are thto year send the stame nemstis applieg to for yom
fungus trstiglly thas last evil does not ariact the trees obsergably t II August Onee more you nust cut is out


 mat a letter from if frlals of Bordenux atites thata The fu lure lias occurred in thw muth and the sonth－ nest of France，for lie says that in lis Fhest to bis Aorghoo ate se remarks the tokal absen en of Almonds， later are to be found hereand there in tsolated plane Pearg are，however，as obundint oron，as atr Cheres． and Puspze the frimer baring set of many tulus they alomed flomens．Apples at the meran frult as
 aron and the rigy prore shorine as in the countrs， heary fruit orop；atd he adkis，thet Viges every where chow such s quantity of bunohes as to give hopes of a fibulots oros．It is cerions to nate the filare of
 Aprope and ponchen orer atrob s Iange exten of Europa，and in a climace whertone mould have thought
B bright sinn，so undice our clouly sprag，would have a bright sinh，so undice
ingured a diforent result
Myonotis dissitifiora，－


 uevor found tate ledst af ifithy in les delture or pro－ I dare any，will excceed very well；but tone foatr is，it is a plapt for eferybody，rith and poor whine frucu mor ikely to be nursed and managed to deats，then to die ol aeglect．Na donat it fll thrive mith moderntels generous tratraent，it loves a pare arr，and an oper
 hitrib anywhore，in san or ju ghade（I do not mean diteothy under the drip of treas）in our cothage gardens it Insuriater beoubifally with very litto culture．With cespoot to propagation，it proven in mosk Ei\＄untions to bo a most atrungatt Eotder，indeed mo much os that for the last 10 yeara or more I have never thought it worth
 the beauty is on the degine，trosting to the nutheratto edllinga whtol are sare to oprick up in the borders，at shers jts torly seed frealy bafore tro beauty is aximsted An herore remerked（Gardenerg＇Choonicke 600，1868）．－It has beoome quite a weed in the sar－ dens about here，＂and this［rom seed．I do know of one or two localities whotrit does not reproduca 3 teel a boudantly As regard p the matay falnies spoken of I atitibuto mast of them to the practice of propagaturg from cuttiaps，and that sometimes from unhealkay platnts，and also endeavouring to save the old phinuts over atter towering－lhey are never so good us fresh ifrom there cas be F18n＇plast ia Identical with mine
 collave 1 can frado his plant originally from my ato ma pretty airect lise．I take the oppertataity of correstag ad eror or mingrin of one logathe for jat－ iantend of Bogalberg it Ehonid bave bean Fopelbarg in your former botica，Jar．Afirme，Pasimoich

## Foreign Correspondence．

THE String IN ALGEमLt－－Since I Frote from Agiers， 1 have visited IApidig ob oonstderable portion of Alserts，posting from beven in the momeng unti fx ln the aveaing．This is a favourable modd of progreation，jasmman at it not only gives tifoe for munte inspection of the matu chsracteristies of the country，geologeal and botaraces，but admets of a ctoppare art tha rasd whenerer any ferture of antorast presents theif The survey I have made may be difided into three sections．firstij，an expedition to the East，to Fort Nxpoleon，at the base of the Brantite or promary motndeted of J Liffurb，the highent polnt of Monnt A blas，secomdly，an exatursion to the entranco of the Desert of Sthare of Teniel el Hasd，and to one of the summits of Moubt Atas（5500 foet bigh）in th： muddle of the renge，where it assumes the form of from Mimas at the bace of thickion to Urem ris to the dretaseous period，and to the Italian tertiary
 on the seolory of Ageris at Algiers or Oran，Bud the rarious Frenden gufde－bookg do not allube to shen a
acionce，nor do they give ang acoount of the nature of the rocks or touls is the diterent regions thoy uescribe I mes toli 1 that tho ony wark on ilue subuect is an expensive report of a Goverament Commiseion，pub－ Hine 10 quark，hith tuap bines naay years ago，but I coma nof got a dopp in the caialogues of bor the mentrar of eren a pempblet on the sut⿹edt $=$ mon sugther fact wirn we contider the hatars geologica formutiont have on sarmulkore，sand on the hotenical ampont of country It mould caam as if the stady of and the interest in geologe in Frince emen in application to ariculture womp contaed to the wientifis men professionitly oommeoted with it
 thas entirely derivel from inj oma obacration rancer Coustantate to the fros thery of Noroced into tluree sect：ous，want gramite Middle transition，miea sel st and fandstona，hesk， cretabeous a ad it flat be men that vegctation fotlow otrictlg thase geological divitiotion，as in averywdero the case．


 thay aro so connonnor with the lims of physiag Meornylys, sa, elueidnter by the lubours of Ciptain dit ithey could be arrived at wribut loaring London or Thris Athas range constitutes a seribs of mountaing Allmintio Deean westward, totio fropliers of Tutus sastward, and from the very shorep of the Mediterranean D the ande frath
 eft rangee, howerer, uro yot very hagh, nowbere rising Tous, there are no lirye gla ers it in tho Alps, the Emminga, and tho Audds, to form the sources of Th the north we have the great nlagad eat, the Myditerrnuean, sbout fivo degreas of lastude of 300
millas werose, to the rasth-enst the besin of the Mediterracean to 1 ts entire brealih, to the northWeat the rrint Athant, th the south he great burn hit pert of tha A frican continemt
The atuospluere which lies on this ummense rainloss
 ragions, and thus forto a roouum whiol the cooler sud hill inter oar of tha slectiterranoan basin rusices down to nommits of tho mountsin region of the norithers thore of tho Atlus ranye. Coasequeatiy, in Al geria thar Yogutar Winds and south wrnds oan mad do ouly reiga exceptionaily. There bur therls, windis conling rom the sea or tho ocean mre molst winds, and whon thoy come an zhoro aro st onco in whiter coolod, and doposit theif Ampture in comous and frequent min over tho entire Satarn teelf, for 200 miles or more froun the seas. TI, thees place Prom Oclober or Novernber to Aprl or
May. In summer the very mountains (lembelve become so heated witis a nearly tropical sun end wi the breath of the desert that the moizture of tho
northerly winds, when choy blow, is no honger disealved, but passos oror them and into anpuca.
Thiur if explaiped tho cllyme of Algeria. It is is abundontly watored by cool northeru ruiz ciouds Jurilh
 hatitude on the oue hand and to ita proxiunity to the
 by ite vegelation to prowedus a mutid warnuer wistor

 res.alt er latitude tilan it 38 say at Nive aril M Maritone Fiarest it princtipally produced by the cirectit rus s if elbelter from the morth belind. At the same tivie the intanse heat of the kummer, greater shber on soy part or the contrinent of Europo, explanss the greatar luxurl-
 д. BCннє, M Z.
(S Le Contioned)

## Societies.

Tire St PeTERSDALH (ONıREAS, - It the thitrl meetug, presited ousr Ly M. Eunge, of Dotpat; I'ro.




The fint of these consrated of two preces of wood, on

 troes we may verify the fact of thit in themondinams on Intin Fornmy tharn ondy in
 Then seeb to heve beon deposited over the sarring.


 found in the orpals Marinar This specimen wid Anotber similar speomen, sloo exhibised, wast on a tsared only the date 1835 in Siles a. It conPrafessor lagt 5esr, 33 gearly nug ligd been depusitted stem that cutting 88 still earaly soboreaugo sed. But the figures of the date are expanded to titace theng not an lenesh, as stas stoniatizues been supposed, thus

hora in an Osk stam, Wore among tho specturens extitited. Strangs badies tre euploped oy the later mpto the wood of the truat, nro aryoteo found ia the deposit of him wood, iving rise to much sstonish-
 branohes wiaed up in tuo sem of trice wers on tree alwaya reman, and can bo aftorwards discurered gradualay over-ovarilumà it, but neyer beald the Ere this
 begris to decompose, or erce bect of branched, consefue thy Escept in case of absolute necesstyty lot thero branches
15 ..t trees are in this respect still frequently indisoreetly hardled, whenca from their mutulation they dio prematurely. In sorne of the examples axhisted the walling-up whs conplitete, but the interior of the treo had berun to decoumposa In one gpecioen of ratrixans euciroled by a separralion or folding, where decompostiof had began. Theso sections showed that rotton or deromposed parts in a tree never disappati. It is such mourderiak and rutting parts that boo ofted appear in the heart of otherwiso perteotly sound and under for buldang purposes. Their origuo has not atmoer lor buldung purposear warninti buan nst the 1 effect of t lasho on wheh lass recently come noto voguo with foresters of remoring knots.
Several other specimenas filluatrated the same potnt, Tierex was a longitudinal seation of an Oak stom with


tems into oze, or of or krowh as the untrn of two hook or elbaw, of whioh various spocimeys were also hown. A firure cunsed naturally by the giliting and rupture or other injury of the wood through frost, was alko shown.








 Strawberrien, Grapea, fe bady nimda exariplain of way-whrk undmbotedly daured this othervino grapul dlaplay to be paswed by the Judgen. Another oiror on the part of some of the too freo lise of light-eqloured fowors, which never ghow to


 the teble, tha siden of tho tunk boing minpeted foth freah





## 












 Fanatinder

 or an eydsfulent be groa in


## aldy. Fall furnished Drectophylum

##  <br>  <br>  <br> studded. Whth ite bealitu <br> 


 collodtion thare way a largo will frown

## 






 S Bop, Kingekor, with mosily well-grown

## Which, hosestar, wif nut wall blor

## Mr. B. Peod whowth the bett is

 placol list lo the opotiolast for


## 

## 

## 



 La lolomannignus with mins fll arma spipadagt fally 18 taches





## 



snocia dredging expeditions
orled by a jrant from the British Assoc at ong, ha Fauma, znd it wras with great regret that the A toocis cona in the existing etate of its lunds at the Norwill
mecting did not feel 1 tesel at liberly to continue the manting eid not feel 1 tesele at liberty to continue the
grant. Phis was the more to bo regrettod, as though the speoies of moliusca lef to the Fanua whit turued
up eath year were few in number, there were alvays whay cher ohects of interest, cwen a nomgert vertibrat: of fersonal labour and mard rasti, an I wore jot unat t.ons too, when the talented rifmbers of the exped tion in a geological point of yerp, and tbrew much light on the habits and organisation of many of the lower imembers of the enimis world.
Somothing however', We wio happy to eay, has botn done $3 n$ this direation by Governmont. The Adma-
raity has placed $a$ eteamer (the Porcupine) al the ralty has placed a steamer (the Porcupine) at the
service of the Royal Soanety for the ptrpose of exploring the sea-bed at great depthis on the British caralis, aud ascertain the Fanas, as well an the tenpleratyre,
 already started beforo the eppearays of ths not ice and Fll lask three or four mombs. Oar author is to bave the first orube of olarge of the wast of lreland, then explore the Rockall Bable ; afer whoch Dr. Wh 13. Carpenter will face tho lust chargi in August, anc investignte the sea-bed north of the Hebrides and Sisetland, Esoh armase will be for five or six weeky, so that we may
 shimals 1 ta penera, bat
brancil of mpestrgat.on
The grenter part of the sabjects included in the volume before us dnez not relate to the oummon contents of the conchologicat cat ect, turk it wrat be
 Met with during their aubitan sojourn off the ounst. Biany of the naked mollases are of extreme beatery, and amply repa
chegare attu-
 aro outo by the fisherrenen, and afford excellingt batts. The cutile-fish on our awn coasta do nat athin the
enormaus kize thay
 asthertie account of ons was F.s is a fev years ago, of
 marvels 111
The ejes are extremely bes, it,
 notion that Indian inl mas derived from the darl fuid kind of preblec moned kind of lemp-black marxed with rome porfume, orme to Cephalopods rwallowed by the wiales, in whose inteshacs it a fouthd, as it romatimes contans traces furmulicel The inky inid, however, yields sepis, wh. Ih is gometimes admirably preserved ta gossi spitics, zo ns to be bit fot use.
TLe woluise contang, finally, some exrellent hurito for -a prowess which requirea some experience tr oarty it on efeotivaly. The oommon oyslor dredke wil not do Ior dencste merestightions.
in beys and sheltared parts of the Eca, where fuo depth does not axceed 2 or or in) fathoms a sminl salints boatt, or one with oars, with 50 to liof fathens of ine, and two or three men, Fill answer the purpose, for deoper water, ofrerger veesol and apropertionale surphy of rope, witid a mora numaraus cre
made to lio to (the helm being put up) with shortened sail, and her heed close to the wind. Do mot attempt to dredgo apainst tida: yon may dredge with or acroas it. When the ground is roatth tha dredpe is likely to atotoh in a stane, and may be emaly loat. To preven buoh ath acotdeat the end or and forms the point of the trisergle, but to ope side of the dredge; and the tiug in attached to the rope by a breat in case the dredge catciues the stop is then samped asut der, and tho dred e, kanimug up one site is ret free and busled un. Is arcter to give thinely Farning of the dredge being caught, and to sseertain the degree of tension to which the rope is sublected, the upper part of the ropo 18 atteched to the bultwarks the dredis has been working from hall-no-hour to two unurs (the time berbg reik ated by the depth and naturo of the ground), the rope is jassed through a nowable bloek, fized to the anroxds, and ha aled in hy a double winch or dram, in a bost tuts is done by the haoud."

Happy those who are eble to exdare the peculite odour which the contents of the dredge sive off when rassed, For ourselfez, we always got wrs alwers the the dredge wias ratised, but that wrs alway the finuhing stroke, and we wero ton plar to ateer home-
vards, reserving our apols for invertigation on dry laral. Personal atten)dakite eth the dredge ing in mont ind sprensable 13 we car
$p$ the wi sle renistents of the dreilge,
contan the more interesting stbjects into the weah oftea remard the colleotor amobgit the notmal persis.

## Gardes Mexnoranda

KINOWELET, TRE SRAT OP TEE RIOHT EOAT. THE EIRT OF DEGB, -Thone who may hase visted Knowiley four of five years argo, woutd unt have beeu cultural pont of ow Thefice Peack and l?
 adnilration, lut hie struct sras for the caltwation of
 cultare than to the proaent das, Now, avery differeat atate of biags is seen. The liberality and taste of the Preeman, have completely atered, and that in s wery short period of tume, the genersl character of the katdens and fruit-houses, whech are teemtig with alvast erery eliolce rariety of frust in cuitriation. Most of The old struetures have bead clomed emay aud are replucod by new hoases, edapted to the improved system of bortwe slure The sashes taken from the

 lesa other thirga required in an establuhment of thif kind, for this purpose they arg neatly as good han new
 otructures of better mood that can be jrociared in the present day

Ampe prov ion has loen made at Knowitey $f \cdot r$ the Ime kad, 3 highe from the af parance of the vines whll be grow ras there. Nothing Ifikely to berlefit ithe Fines seems to heve beat forsotitan, and with the anmeber of houses at sommand, fare is litile doubt that Mr. Freeraso wal be ablo to pimoluce through ut the yesr, while now that we tore s iul fine varietios for late keaping as Mr Mr. Pinoe's Muscat, Lady Downe's Soodlung, and Blavk Alicante, he will be able

 Mis.Dit frum the hutas of il I saw, in pots, at Mr thinned), and from tha wondorful \{ine of thts variety
 Ong, and thear appearance whs more lise that of youns
 or three bunches of Grapes, very math resemblag lise most esiraordinary sights $I$ bave ever been. The heavy crop (82 bunches) that tha Veas what atipred to yigour in the slightoth desfet, and if it does not pro-
 subjpot to show how Mr Freeman intende to mamatain grand daspley of Grapes throzgh the wiater and carly apring montha, withouts ruparziug the health of hationaving a larga outtay in fne and labour, bad much

 $A$ a grape groster, to seep has mer in gima tiantous after year, if he forcos thom jnto srowh of an ungsmiral season, When they ahould be reatide in sooordin yeltar and or in geltiny an hybrage croy ripe, say, in Aprid, let hime p.ace a dizh of them on Lis emploger's tahie, of he lideedr, and aee whichly will be preferred. The new Urapes may pertaps look a little fresher, but the old ones will heve 做 flavapr
On March 87 I sad 暗 Kaowiley beautiful bunches of Blaok Alicanto (ympes, Fithout a speck or blomish, bunging on the Vioen; they were the last of what theremare that time Grapee onough to lato thit the end of Maroh, by which lisee Mr Fireemma's new Grapes wond be tuearly remdy. Nirte onar for will be wble, With tho asslatmane of Mrs.
 on the enst meco of the pardens anadell from I le sum by frege trees, 2 planted wits the wufety jusb named, sod I found the carles wel. rjpenel, ali, the the time of my Hisit, witioat the sughtest gikn of movise, but quite dor mant, sitith the wood ns hard as ebony If these can bo kept froma startiogupto prowth thll the end of Apralof which thare 18 hitale doubt- 15 mall be lite in Ortobar before the (Grapes will be ripe, and they could bo kept with porfert east to suecend the latest brouse, from the first week in $\Delta$ pril to the mecond meek in May, by Which the Gempes could be had is fine oondition from Vines stayted with il:e dew year

Grapes grown under litese condmons whll be pro duced at oomparatively swall cost, and the gapi I and untady uppenance oflest presosied by early vinerres, consequence of some of the Fines bers perohically removed by reason of theif prouat arn dealh - broticth about by hare foring at ath untiatica porrod of tae
 greperica lififl wita hine Vines of हtardy arowtb


 of Eurfare croppink mpat on and for a dinterto of

Fivel from tho stems of the Fines, beyonis this distance thie roots rayy tnke the r chance Indeed, if neen st tome urno well prepared aqa fine-border, and been st wime urno well prepared ap a ine-borter, and the whole of the space, after 1t was fornd that the roots


 if hing thee surface shysuty stirred during the summer montha to kerg dnwn weeds, and to prevent cracking diling hot menther, large numte thes of of of the ftem and tho lorger roots, and will in sicceastion tako poasess on of the space allotted, untir tim Khiote instance of this cannot be found than st Ilaremaor,
 co fent by in fect, and anyually protdes betwend whand
 this remarkante tine and exab ted heroro the frint
Astiec culispation of the Fine re to bee one of the principal features of interoet at hnowsles, I may be


 surface croppmpg of Vino-borders, so mLeth disrussed of fite in your parge. I purpose in zyy next to mumerate stoppans onity to notco the mist promiment aná striking


## Crarden ©perations.

(For the ensang seeek')

## PLANT HOUSES

Ferse, both British and exotio, are now makn antive prowth, 日ud Acoord.ng to tho way in which shey are carcil for, so will bo the size and quality of indivery prono, 12 our anzety to gat fine plants, to coddle Yery prone, 13 our anxiety to gat fine plants, to cooddle perisul of rest. Take, for instance tho delicate and
 cureat tum, i. macropuyllum, and other kindred species thougs fow, if ary, plants delikht tit a perion of rest
moro than do these and gimular kinds, hom gery geldom do wo moot with ypeoimens in a resting atate if auch a period be insured, and the roots be healthy noutine is neceasary that mastusumply employed. Take, as
 nmount of heat and toostare of our March and April.
 Fetris prowiag, under arhtholad orroumstanees, very much depoads on the manner in which they are potted. Fer but it munt be so afforded each plant that mothing whaterer in the why of sodden matter comespear them Ther delight in mo open porous soil, as opposed to a rlose one of small eroins, or adlessfo texture. And yet they thrate well in soilg contaimnty an extraordinary ditand cittons it trill be requisite, first of all, to obtain and drainage. Next, a sol y constructed had an officient of is more rotontre tulyly docang now Gumanjo decayng fibrous matertal chuelly or alone remanas. porous erocks, broken up from the softest beded patgherds, porlions of soft and moderately burat should bo freely mixed mith the soil. The whole then should be gressed lurmly down, and a portion of smaller pirticled or more retentive soll should be used for too finsl Eurfacing promes, with a riets to counteract summer sesson In our treatment of ferns mare too prone to souse them ton often "ovar head and young fronds of some of the causes the delicato variaties to domp or fog off. A nice moisturc-lacen ordmary varieties. The permitiod, ${ }^{28}$ alone suited to al reskiced raneches, The old, but most lovoly and marikbbly undor puch a treatment, as indeed will mes almitted into precrinouses and day, must now b teousla, witl,
ty posible hr aulnitiod wo thaut uranikht
 pante, by damp ng dran all conl surfaces ata fre furnt y subjecessary Isy i or ng roma of the more hardy hardeaded somewuat preparatory to being tidmedo oze their accustomed bupnly of aly deproving them of Weat or so provious to turning them out , for a tider that, by so dolog the lear fibre becompos somemat denderf, and mu the betlor withstand the Fery and plas timbland adrocate the
 phned on any well-nournishod planty without reantion to such a spatem of torture as thas,

Frervo rousex

in instances whare hato in mpening is of the flrst
importance. ? nder suek concitions, howorer, the
 withplentsofar But the houschoulif notbeclozed tod suldeuly of too early, or whilst bright sunsbine penetrates dircel.jy into th, as it invariably counes moisture sftermards and settlea frecly on all around, and does in ar liff if the pright temperature bo low. Those hato a plent.ful surply of m r from this time. In regard to Pines, it is o pract co fon orsed by some growerg at thes hot drging period to pace a tresh surfaciag of tan upon the tan-puts into Whath the pots are pitaged this for a double purpose. It not ony incroases the warmth of the mass contaned therem, but also, by bionally orer well up to the pirns of the pots and balls more moisk, and to do awny with very frequent waterthrs department for the present. If there be no decided ind obrous change from in ll sunless meather to a Lritl tor pertor by the time th, wa pear, if must advise fiordol tha roots I ane nrumarily sugrested bo which the vioes reat be kopt too constantly wet, the plants will not succeed thoroughly. Have resort therefore to tubes, whely may bo fonned of moderate-sizerd dran tiles or bottomless garden pote, which when sunk in the gonl will provean ents means of aliording botcon molstire to the roots without too frẹuently moistening tio whole surfate snit. Be particular, ance the in ordar to instro themaman upon some dry surface. whel will frequently rause them to rot oll if thes are permithell to lay in drect commutuitabion with the permitted

Harde mintrit gardes
Thipso sho make a practice of layering Chrysanthe mans should now peg down tho lang ghoots which havo beon formed, that they may turn ther neads up praparatoty to tite proper layarigg procesg. Tutips arefully on to a conl moderatels dry surface, that the libres which remara altacned 10 the bucul may ripen off finalls Do not st re or pack thein away
 hower of ran poorn them, and the beds on wheh they are plantei will now be very quickly benefited by haybre the purface sol carefuliy loosend with a hoe. It will be decessury giterwards 10 bome instances to secure staph plants is Terbenas, Petantas, sce, against the 11 effects of wiud wavine, by peging them down, or other emmlar masas. Finish transplanting all early Aslers and other strular tezder annusis. oluage plants, adapled to otradar work, newer verieties of clemmas aro bedded out or made to attentron In restard to paight lown tymot tem and ao on. Thase are rathor ay
hardlug. Roses in small pots should be shifted into pota a size or two larger, and so be encourragad to make a good sumuer's growth. Suriculat should nous recpive

STITE OP TEE WRATYER AT CIESWICR, YRAE LOND


## Notioses to Corrempondents

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slight amomnt of shadug when the sum ig at the hottest, about indday, koep them scrupalously cloan, nil where necasssry pot of choive seedings. Romove the flowers are over, and so and the yoang shoot formations in mahing à good gromith

## hituen gardes,

The frat ohowery weather ahould bo taken adrentage of to tranginint out into permanont quarters different carietios of Borecote, Broccols, and successlozal batches of Brassels Sprouts, all of wheh will have grown reety, aud thus become fitter for the operation during the past warm pernod. Those who neplect making free find to their cost the additionsl and unnecessary labonr whicu such negligence entarls w $E$

## Tow Gardeving

 nons, now rechure attention in tite mattor of staking and ying. The tall-growing sorts should recerso thes attionwh.ch erse they shoy are renu red or preered dwar ite aloots should not be taker oft The lending shoot of the Pompans should now be removed, mad these, if shuck in the ground so a shady place, whll readily make
 aperations in town pardening, and esponally durtog freelf. Imstead of usiag the lntter orefore be use shen for larke places is to lagye the mater stuplice by
 stiar hec as by tits menno lue trees ran bo readily and benefiensily wished, ard a good Roaking great to tho ground at coavenceave. $J \bar{D}$

> STATE OF TRE WFATHER AT SHISWTCK




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## Reauling, Berks.

## Che agricultutal gatette.

METETINO FOR THE FRSUINO TEE
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Trie history of every branch of axientific knowledge is marked by an identity of charactar. Its early investugatore havo alprayg wandered into error ; for the rey of truth which flet onight. oned the mind, instead of being prized as an individual principlo, has generally been too hastaly made the foundation-ztone of a theory In this manner the ongual irutit has almost invariably bocomo intermised with a mass of confubed and incorrect ideus, and atbeequently, whon the theory has book rejected beceuse proved to be fallacious, we find the truth and the erfor treated mith equal contempt. Thas has many in truth been hidden for conturies aftor its original discovery. It need not, thorofore be a matter of surprise that tho scienee of agriculture shonld bove the samo diltachathos to encounter. Thore id reason to hope that those Who are now engared 10 promoting it what lourn Fiedom from the past to guido them for tho future.

It 18 for this reason that recent scentific investigators have avouled in a great mensure the formation of agnenltural theorieg Thent ptimary object has been to prove, by careftul observation, certain fixed pmaciples, nad from theso we leam the laws wheh govern animal and regotable life. As theoe truths becomo establushed and recogmised, the ephere of inquary widens, and there the discovery of one trath prepares the way for its successora. Those who bave promoted our sciences have been patient and diligent searchers aftar truth-persons who hape accumulated facta, atod from the orndence of facts have doduced the laws which had boer in operat.ou. When a number of these laws are discovered it 18 quite possible wo may be ablo to form an
opinton of their combined action, but this can nover bo done with any degree of safety until wo aro fully gequanted with all the promary laws Whach are id operatim, and even then cation Ehould charactorise ofr procendinge.
It 1.4 by wo means uncommon to hoar of serence beng placed in opposition to fract.ce Scence camot contraidet 1 ractice theory may do so, and if it be incorrect it must of necessity do so. What is setomeo It 1 knowletse. A knowledge of the facts of Nature can never be opposed to the etfects produced by har laws. Tho farmer carres out the tallage of the land, and all his opmeritions come under the influence of the lave of Nature, and it is thess laws which determina the result. Honee a knowledge of thase luws can nover oppose the expernenco of practical men; or, in other words, seience cannot contradict practice. If, however, from want of full information, we form an imperfect or incorrect theory, the experience of practice mast prove it to be wrong.
The agriculturist in his daily operations is, as at wore, agking questions of Naturo, and she rephes to thera by the meanire of succers of fallure whach attends his proreethe ghs. If ha be an obser vant jatan ho gruma aftor a wemes of years a cortan atmount of oxpmence, contamog much truth, intermixed with more or less orror Hence tro see tho filly of thoso aproping censures which have been passed upon the praftice of entiro distmets. Jong establiohed local customs aro always ontated to regpoct, nud an entiro disregard of them produces failuro It is true that 11 many metanons there 19 much that is worthless intermised with the trie pranciplo which is concealed within, and he who woald improve the farming of eny distmet, whilat he may finnow thay the chaff from local eustoms, must be gure that in dong so he does not lose tho corn which is amongat it. Ad, hovevor, tho value of all expremenco must depend upon the ofserver's judgment in connecting effects whth thorr causes, fo it a curdent that he whose mind is prepared for ats tais by a knowledge of the laws of Nature, emmbinem with thet syutematic armagernent of has idesis winch only ngoved edicaton can ampart, will draw the most correct conClusiona, anil his oxperience will give truth in a pherer fitin that tho obocrvatiosis of another il athtute ef these a leantages

There are few if eny, of the grent causes of modorn times which bave not boen damager to
 cates than by the opposition of their opponents. Amongst these the cause of agricultural improvement forma no exception, How frequently haye the faluras of theoretical men bean bronght forward as an argument agarnst the sdrantage of science to tho farmer. It milst, however, be admatted that in many instances theso results did not arise so much from the modifed practice beng uncorrect as from the incompetaney of those carryang them out; they benng destitute of that practical knowledge, without which even approved operations could not succed. For soverel years past thore hes been a steady increase in the number of farmera who possess, not only a practical acquanatance with the cultaration of the soul, but a knowledge of sclence which enables them to take adrantage of tmprorementa Which are intraduced. The time has now come Fhen the numbers of such men must bo laremely mereased, and the proyressivo mopement wheh has takon place nomsingt other clacses of poctety will spread with equal rapudity throughout tho agricultural bodr. " ${ }^{\circ}$ ) the diay, and those who meran to mamitata tul
 by pontang at the fuhnies of others, but rithor It lit by than experieluce $I_{1 s}$ anement times yemmen were afrad to luse sight of the shore, and hence ther roynges were long and erremtons; but when the mariner's compass came to their atd, they saon began to make their royeges in a mare direct line. This sometimes brought tham upor "sand banke and hiddeu rocks," which caused loss and decry, but as theso becnamo known they wers recorded on charta as marning for other. Seance is the farmer's magnetic neodio, xt will lead hum to atta, $n$ the results ho bag in viow by a more direct und ecolomical coureg of procoduro. Tho early nuwesturers wilh, without doubt, sometrmes tin.l "Eards and rocks" in there oneer, but let thom bo markod nod recorded, so that others mit derses bifantage therefrom. Thus oyon our faslures will become ralunlle to ourzolves and others, if wre gather from tham tho leasons thoy aro calculated to yeeld.
The dutios of the agzoculturist bring him in
contuct with the operations of Nature, and thel agencies are not only buyond has control, buth
 Witl, but it as rate fuesullif for ham, l.y a kiow Ifilge of then laturn to zt onlify has ows reera tiority sis as to emlint their ald, insteant of


 with agriculture. The adventages of a knowle. ge of charm, stry artd $I_{4}$, iatrics are known and arprociatad in all the menulactures of the land, and ruder their nil Imalta have been gainod
 day obsomistion rebalor ta so firmiliar mita theat that we lose sight of their magbitude. Take. as a singly inatameo, that marvel of sicomo tho
 yot at reprosontis a ficcocompletely unjer control. Then, erann, wo seo how th"s power may be multiplied by tho ad of machnery, for in some of our fuctores one unan is by this assigtenco onablerf to do as much as 290 or 300 men could do Fithout its asl, mad wo canmet fail to bo birnek with wcuder at those sriences which onablo man to merwaso lam perser to such ara
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 pourhtires of time ard monoy. Tho applecution af
 now and shorter methods of atrising at tho samo results, will rapidly raso it to a position which orly agre could grue it, without s.ch asostanco Iudoed, it is a well-En, wn fikt that the arts hafo
made more frogreendurng tho last cenfury than they ever did before, and this doylutleme aria from the sciences beng better known nad mord usafully applied. Agriculture itbelf yrells atrong aridenco upon thig subject. The practico of egrioulture, which the Romans introduced into
this country 1800 years since Fas very similar end in some reapeate it was mperior, to tha edoptod in some large districts of Eagland a flat small degrem ocrutrobuted to tho for $f$, that mono
 centrig tson jears, fears, thata duruge tho freIt 1s, howerer
rally becn great reluctance on the par has genoongagen in the arts of life on the part of those anco which serance is efer ready to grea, Any feeling of thas kind Which may havo existed amongst the agric llturnets of tha country 15 now rapuly diappearing, and thry aro, as a body, proparinig thoinselvea for furthm improfomenta, Whe improvernents to bo beveficual. Many are to a high degree of perfection during the brought ton fears, and operations nre now economically performad by machanery which were at that tise looked apon as mero spreculations. A cordial screnco and the agricult imis communaty generiall, whech will without daubt be productire of
good rosulta. good rosulta. It is no new principle that know turist as to any other person. That man who in a better position than another who walopts cortancin course of procedure as a mare mattor of anything withoit seeking a reason for the same Falching tho plans adoptent by the rs ad a dhus store has minal with tra ins m many a flower, arat store has man ! wit $i_{2}$ triens to thay of Fature wher tumer, Tho edhacation of tho ris, ige goneration of farmere should bo such as will tritin their minds to habita of tongight and reflection, and if to this put in a position to judge for themselves upon all they see around them, and gather from the book of Nature that instruction which will bo of the ouly beneatcini result, it will will this be not only more ericcossfulaggiculturista but better denizens of the world, for in thoy ascanal the hull of knowledgo they will attam lughor and
arrangement so complete for promotang the happiness and woll-boing of man, thay will bremenore humble in their ourn estimation

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[ (an from all this wo Hifer that the Roral lareet coutravention of all the pirposes for which .t has begn constitatetl, 15 , abandonang its etlicta for the promotion of profogejonal and its edacation grant to other lows smportant purponeo.]

- Ar Mark Lane the Corn Karlyt has aga, a relapsed into the provious rates, the hot days and thie warm nights of tho latter part of last weak havang prestly
improved the arpearar ce of bolt Wheat and apnug-
 a Harter, and thaz fo. It 18 bpert, foll wed throughout the provincest - lecting stal's are inuch eebiar noor that ail ahundance of Grasia 19 genera Foregra Beant aro Limabas at ois per querter, Oats at from $21 s$ to to quality, and Merze at about ghs for tiso it bigh prices brought in large sujply of beasta, and prives gave way 4d. a stona on Monday, but
 unlity Suecp on Monday foro worth ©́s. St, and on l'unsatay is per atorie. Lambs maye been in excess of closc-roaterl condition Jambs ard worth abpout t's sud calves is $1 d$, ouly jer stone.
- During the meedro of the lath and Southartu

 ( haunber of Aistricut ares, ona thie vory mpportant subject
 ment and anemded by comm liges, was described as
 is pre mu bary purt 2 relates to to o lura. authorit es,
tha nape th rand anders part tis desoted, wilat its la clauses, to furethn auntrals, and tho rules by whath her mportal on is to us restuated, part 4 refers to

 to the acquistion of land for the purpozes of the Act part 8 to oxpenses of local autionthes, part 9 to offenges and lemal proceadings; part 10 to vicotland There are also 10 solhedules, which rafer to the detalls by Whioh the Aot 15 carried out, The mulh-contestor subject of the foreige market has rosuited in this-that
the Corporation are to have a period of three years to prowilo it. and on the T dmyn soriod of three years to a tatelane their.r cararec

 be allured to go into lsangton marset, and to travel
 years, and are not countries ol trazast from plates whare the cattle plague has oxisted, Mr SPOONEB does not think, hoveyer, thero 29 any part.cular magio in the number's, ha believes if it wero ailtered to 1 or 2 at would be equally effectual. "Let us suppose," he
 because the anderpest had existed here withen that rears, it was therotore to be colszidfrod as a suspected country, and subject to various restrsehons, whon we know that it has been long free from the disease ? Durige a ajace of twonts-four yeats not one ato Soutnamptont and had ANet beer mported to destroy that partion of the trade of the
 of Southismpion, whas dockmaster, sa d twe catilo zrade on With Lonwon, INull, and oller ports. Itiose
interested in the trade in Southampton momprove what might be termed the asiural trade of the part- tho importation of fat uathe from Hitutany, Normandy, France, Spuan, aud Portulal, where tio defiteft was unknown. They wera landed within a intended for ibe London nuarket, thoy wera leade
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 by ine qh.powner, Ho master of hate sh, to that to bonl
 boart? The railuey port oluse ke tutk the cattlo on London wero donnod ank that conveyed the cattle to They sould not lave the metroctelitan martare every trip they mero cleaned and sprink, wod markets unt, axen and 181 cow prasent year, up to heen $31 a y, 31,3 ; 1 y$ out of which 1305 ozen and 51 ot Sow had barmptori, and 77 cows had beear titken
- Matmphon. Nono hed in Southamoteon for loce
 man out of Lind un ulire as ono of an wantu

Hatust the incroumution and spread of
foreign cattle marketa Io in importance 1 be ofthenm potis on 2d Whalst do.ng tha krejs if ent out of



 retaining of them ia quipant, oo for gover 4th. On the indipation of nay be sold on whole of ino animan of nay infection on the wlaughtered on the spot, the place dirine agana used for the spot, the plowe dininf fot qumpantine any of the smimales should bealhar:
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## AGRICULTURAL STATISTICS.

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ritlat is riter which woold Whas not $z 0$ djficult, he might add, to extimete givon by Mr. Caind in the
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rx ch market, and there made inquiries of the three priperpal dealers in cora na to their pratice in making everythiog ho bought, includstof the forelgn trade: the ecoud hat hoverned his oreigu traje, and peanley for yot returuing the grain which ho boughe prom the merchant, but that he made it a rule nerer to roake soy return of that which he had not obtained direct from the grower. That man, though he may have laid himzelf open to a penalty, wsa, he felt aures

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$\rightarrow$ We ere informed that the mucomor in Mr.
 dartsi, the ment of the inmeden freter than thes of noy athor culturist of the line

The exat nature o! the infloreacence and of the fruits thed witus of C'MIFEES is a fert, H crupre of contriversy II Is 'Ilimasu the latest mfiter of the subject, confirm' 43 世, M, n viewa, that the oruled Wra realy not enclioted mis a aby avis but ere bracib that saxllars to t!an brat
atanding the beavy showers of ran and hat of the precoding day, presenterl on Wednceday last is charmank mass of bloom. Tha hedge whs orieinally a row of hal atandards, of which the crimson Boarqualt formed the mass, this fow was giterwurds trehsmi orer 4 feet in width at the bottoltit Many $\{$ liso or sitas trepa wer then removed, and some of tho leat if tre m and wels hown sorts were pantalin hat pace Taty

 filled by traluinh 'The wiole of tre risw sion come


 foo Howers biad a vers free lomer, Lord litaian
 besulatu, fil war
fisoly blone
Alex.
 and whech gaves relef sind varety to its moro show navals. That thes mothod of culuvation is a very suecersgal one there math be no doubt, na the rosul

 Hig tal? or dwarf edpings along the walks of either Eichas or flower gardease, or oven to form becid rows in
 surnetimes present e very rough mppearances near the ground.

To cotriplete our aerouat of the honours recaved by nur crutitry neen at the late I terinationat
 we may any that in adention to tro wwarcis mada to the Mesars. Yirircis, that hate atready been aticounced that firm also took tale iat propo a pold usedal for
 collention of seeds and an sssortanent of parden wouls. Mr W Hr v Dsparif of Inalinstle, horthumberhaid, also recerseca a gold and a silter meda. for a cull mions of ormamentai karden phts, Mry Funt, gardoner at Apples and Pears, whath, hal they not arrired too late, Fould no doubt have secured the lst gnze.

## New Plants.





In the why of Sareanthus panjulatus and racemifer, thth splendid foleage, and a larse millorescence of Stundersian fowers, yallowlak, with the diso of the sepmis and petals, blackign purple. Baronnthes patton-
 ricemifer (Saccolahiums ravemiferum, Lindl, Barcina-


Sent by tho indefat kable Colone Benson, from Moulmein, to Messrs. Vettoh, Who kindly forwarded


## HOTHOГSE BOILERS.

Wres a younk man I tras alurys anxious to seo the processes of tranulacture, as carried on in latye establighments. In looking ovor the grest Butteriby Ironworks first reverberatory furnate I came to. Thimen with tho chemists considered the llame $t$ be tic inttest pert of a fire, end thoukis I wns not igtiorant of the eilects of the amployed un melting iroas. I'kis was a lewoun Inever Raving 21 housen some of thom 100 feet forge, mint in hetwop and have nine dufiorent kinds of berlersi in
 iros, I ould not thrat it weli omploged when pirilizing Gen
Of all the boilers invented, I thatal the tubuglar oned the talhan in a locomotive boilar suggested the idea out heanusa fire oarried throwsh tubeas surroubded by Wher is found to hest that water quickly, it doess not at utich iow that water containad in tubas whoh enolosen
firo zhould be rapidly made hot boiler on this phan oan ho mode of any size, and Fill bold any amount of fuel, and tham 1 eonoeive it its only mivanof tha Tabes infor mo finue, and the hat belween but ferm deprea wasted. A tazbular boiler muat be surrounded by brick work, tud wers it fod with suall coas and sleck, Tould be chuind, it is, therefore, necessary a pract ce requrrea e very ueep hole to stand in, and the liogal Harticultural Society has juat paid sol for soting one. Such a bouler a dear at a gilt. Then, agait ench tube

 rese to leakiso $n$ t mid is not. tha unerqual expanston

introduction is to revent, that even of it were a gaod I should hestate to use onk. To put hard Fator into ut Lut-witer apparatuilikly destroy a tubuar boiler. The wator-way 28 so very baual. that any sacrustation audit suor fll it up, ind it will in that case soon bur or craik, and
mend one When cice is common to nearly all botlers, namely, that they aro necessarsly surtounded by hrukwork, which and pipea musi pass taroug bect bratons arg taked to he tr der, an l, uness querial pr bo and the ar frespat it. rethrn curred. These objectiona do not apply come of the improved wronght-1ron bo etrs, but rought- ron builers rust so rapidly, parnoularly when rot at trork that thes circiallistauce ajone 18 Iny mrave olyectlon to thedrestar in heve for years been

 front of the boiler, the lower door being the ash-pit,


Fas 1
the middle door is the firephace, and tho Inrge upper door is for cleaning outt the mont Fip aru also sLows the back, agn.ast what the fame strokes


In The first instance, refurning through ithe two hales eeeu in fig 1 , and again returning under the arched dome to the back of the boiler, and so into the flue or chiluney. In fie 2 js also showa the fownpipe at tho top, and two return pipes at the back, with three of the six bent oompectons uatimp tho different sections of the boiler. Fig. 3 shows the four zections

of whioh the bsiler 18 composed It quate ecuals my quivkly heat.na a large bowly of whter. The botler 15 3 foet D inches in legg th, and us thet. Tire nuver comes in contact mith syytb.ar but uron backod by water, be whost powerful. Suprosing surb end to end, it murt useu-slated up with litue-whter for boiler to be badly tine ivjurec, benit made in font for instanoe, and in next the fire-bars. which mould tontions, the hides sulfer, could be rendaced at a smas to the parts sure to rect ured abote tue firc-bars : and cost, No bricks are veylent to aurround jt moth; hricks, suon if it bo cononly becoma warua, not hot, Every wint bein ould ande, the boiler is safe from the uotion of fire. The out nhbection to mine at presont is, that forving only s fed with gliect and cobbles mixets, con jowerfo.

Gfe a ton, and yet the ashynit door has almontalmen alosed, and georerally a heag of aghes 18 put amanast is 4 stop the draught. 1 believe if aill ms bo lera mise to Ir Foster wif soon adpertise liss la reat out, and boy it known. Of its, value I l,ase no doubht I I \& Pearson, Chilicell, Nu/ts

## 3hame (forresponothef.

Our Fruit Crops. Wo have ngan arr ted at

 is, on the whole, a satusfactory one, for thouratithet
 whathe exception of Bfach Curants ands amf se Bwing, ac doult, to the hot yeat or last sumper, favourable to the rapemags of wont erperialls ea the on struag smise, there wan , erity of b asserg on


 of all kitads han was ockcl for froceots afe a tim


 an the awe wall crop for half-2-dozen trees, The trees cams nw iove about the beginning of March, T Lerra wis pianif in bix:
 without sotting. Peaches and Neotarices are a sum

 are in epleadif croj, ohi most of the trice I bare to then the fru,t riry free $y$, utid in en will hase tate
 any mary, as I Cad they caso wit weh on other pasy arprotected drees on lisat s s strowed a poudder of blowsom, but wuen of at was weak anu aupericich ans fell oll withott ithe bbundant and Ene everywhere. Peard are a food cmy in most piacoas, both on walls and in the papan ere
 Diel, sco., are a benuthful bight, being Lnden These crees I planted 18 years ago, sud thaty byynt why barne crops for the list 12 or 11 years, wud I Eum that this year the orop 19 above
will be rether below the averige: hare that cruplis
 frutit and sulue cad lrees Luat Durc Leatyy uroys iat fay have little or no frutit on thezn. Plums arat 1 Th There ufss plenty of blasson, hut the frab Wha floe and more favourable whilst tha trex were
 a thin arom, especially the sorts that coma jits twom

 espeorially
 droughit, and tho prinite prourser, ju is,





 When wo consider how, ow the to the leat and drumb


















 but these excoptiontll seasonis ruly win gionally. From what I have seon a thib por





 preadobalbs, from the npeping neted? of thr








 host of atmes by referring thetin to proper a ratpran distinetions, but there surely oupht to be sutur it $1=$


















 praning, and we havo seen soarcely apything of maldew, grot I thuik of doing awny with the Geant des Is there tore. It is con-atly affooted with mildew. Is there 4 n $\quad$ voother varietles are offeoted heze except lor lin. do is to tozeydew, ificoted our friend luble. Aps. Is it aboolutely cartain ibers our own not caused by tha punotures of inseals ? Othereyden fis not cinusd by hap punotures of insecin? Otherwine, how do the north-enat and east winds let the viscous socre 4n!




## 











 grobsand deatruotivo incecte, butaince the orection of the emall Coroing-houses for raicitk flim fincin at, the









 wade wht the imk femiers, Japeoces, and loduan
 1. Mintorn













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## Foreign Correspondence.


 nature of the soil becomes oretacesus, at thaugh climsta.




 firtionall They are lutiond with denme I anbahied



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 The arufional Girawet

 Were the Dwar Pain, Sculls matritime, The
roadside and betweon






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## $a_{n} \quad 1 n_{0} r_{i}=1$ ain we mono to poo

 tho un bloom and rafely the M, $m$ : $: ~ W h$ het $=1-11$
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our oustom to celebrate the event by a publite reomme
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# Societies. 












 the Orehide, rad eshort paper from Mr. Fortume on
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 $\rightarrow, 1,1 \mathrm{~m}$














 An at concluding is rainere Mr lheteman reoomm.

Eaiontifo Committeo.-W W Asundera, Enq, PIR.S. in the chalr Afer that trasaction of the format
 Mr. Deavin, kr at Porter ${ }^{\text {B }}$ Parri, Rarnaty, relatiog funsilt holes. Shortly after the eppearsaco of the holes gttur oorsa from tha trunk, the leaves and moat of the young fruits drop off, ofter the $i l l_{12} \quad$.in where the gym han goorously, gnd in a hhart
: inyolooking 7 oung wood, t what frust in left sity-looking young wood, Mr ilerkeley considered the phenomenon thu: dearibed to be due to the affech of soin, gerne
 will Park, tore axhibited, showing similat diseased
 Minller, roleffing to the elioct of Prost on plants in the Vidnity or Alelbourne No doubt this varable contribution will be printed in fuil in the Journal of the soaliety July 12, 1868 , Lie thermoneter reoorded 970,4 Fahr. in the air, and $25^{\prime \prime}$ on the grass, a degree of cold nover the tranturth. on the grass, a dregres of cold nover more or less affected by the froat, were appended.
The Chaimana remberked that he had fo und the most oonvoblent and effluient mole of protocting trees from [rost was to thrust te among their branchies massan of Yorn or small avergreeu boushs, the efect of whioh, in H. me details was to the extraprdinary fertility of sona Engish whito Oats, observed near Bennres. One plant on pood soil, and wheh hed heen
 86 stalks, and bore 1130 gratit
a like clamacter were given.
A letter from Mr Proan, as to the "elubbiug" of Potatos whas read The substanco of this comminiGation has heon slready fiven (n, Gil6), MTr. Fend fartber remarked tlant when the Ribston Pippin Apple Fir graited on the Mlenhetm Orange, the llavour of the Hibsion was muth ispulired, but at the same tima i'.
 from a bedge in Northamptoosbire. The fruit hare presents none of zter ordinary succulent charaoter, the ittone is not formed, and the orrule is more or less The pheromeno in questlou is due to a parngitio Hur gua, Ascoms ceas deformans, In India a particular
forms of the Bird Ohery 15 pretty cotistantly affected in chas Wisy, and tha plant hat in monsqueare recarsed


 good intusiral otis of particular chirozes Tboy nom of faciated stom of Chrduus palustris, from Dr, Moore Rosca havit Aples; the caly tube whe not developed To that the ratpels were supezzor, and the petals ibPreased iz zurnueq ond size flowers of \#pacris from Mr an Its place suppled by o leany shoot, "hithet thus appeared to be prolonged through tho flower; und repriar cup-shaped flowers of Digitalis purpures,
erising from the fusion of eoveral fowers intu one. thanais in thas case alkn was prolonged throush the contre, and bore flower-buds o-

Ma or Trevor Clarke showed a speotimen of Palare dor wayn the leaver. It whas niso stated, thit a series if experimenti as to the eflect of mankres on the has : $k$. Mosarr. Lapretand Gitbert
for $t=k$ it to propide the requisite mazares






## - ciay wal. Thesp Oats produced short btout

mbsu ut Lurgiv, aga heyar produced ence Neyer Braw
blustun was conie to rs to the cause of thas wnderimble
peculinity, which Fras statod to pppaar iu some seasous and be absent in others

-djurnacd but Efver it

## Morail comartotet

bomutrul small.gnowlog


 Amongut than other subjects broupht furwurd was a curlous
 monte ; Mr soble aleo ment the bomutifui Spirma palmante.
 Olopro de 1hjon, and was of esoreany buff tated witle roge, hut had tho defoct of "qusrtering " Meastrs. Yoitoh \& Sous sent an intoresting collcetlish of planta ushoh receaive
 fraa thg



 and with the lonver ciothed with on preyifh dowis and

 Fero symo Golidin Yarlggeted Zonal Polargoniuns with such





 with rialmy of pose; dark blotey oil lite plat lower petale
 violet-carmino lowet petals, wluly nilg git date roins, dart



and to Ferms, at whom some rery axcellim
 eut wivonu suppngat which labter Yean




 loomed, A tifird lomit tent whit























## Miscellaneous


 tongues with a Cixlimoman, when he replied to all her
 up by cellagy Lee au hypothenuwa. heifider

## Carden Bptrations.

Fr riternmn' .ren


## K-
















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$r+$















 on poluse and marthe, kn hatrox $n$ fem of the mox furward surceesionale l'fryaratwins mant he male bespdes, for the sencral pottink nert tin nith. / wiwmbert
















 -rrtan 4 m

## 







 to earlier Diondes the piants will have slo enfifered momemhat in the intervil Ehpecitily hiould all edgring



 kri wih sul, antls lony flantem frat trees have not alromily bem mul heit, an pretrourly salvised, it will he neceswar) wa kue them a






> hir fir intlot














 plabed a the sits ne tif



Notaces to Correspondents.







 lout! ta hin chewt+al, tw, that of the firriter when in


 theprav Hantio..






 knows his oilenke is not all lausecu, but adnlterated with bran; that has tatrute of soda in mixed with malt, and his ground bersos With oyister *hella, but hittlo hartn risulta 2 an


 fr vicorour Imgisitaon







 Crituhim, nad it tur wr gets high ming gh to h. In
 Whather brad a bicesward urring dolay th are p



 thatr a hith $1 t$. We ight of a good orop of Swedes



 long rua one pood crop paye better tham two bed lobed. Bat the trith ion the proction in andy
 fr l. Worsig mar the mouth and the sun, wo hev






 a prectur tormula calt be la. 1 d Whe ir the


 Mantarl. stubllo lurtarg, and early l'san arn int prown on any formal syatem. The


 whach th $y$ di, with a it itest klack





 growe staky and worthters 【tazan Sino-prises mown in tho eptricig carti with Tref n! fir hottom feed, fullows ammedately after. Trishim blameis a ahout the thard werk in Mis , It is usatil hefory fares, the estleest. if what comp


 ato riouly to fohd beffer Ins, mad hetatany that ta) blosom and bee mur wrathans betwinti the madide of dral and thembif Mas Theme twe
 ant as the atituma-fi mimal buall, a atore bouse








 coldar sols, and following Turnip-topa, is winter butheg, atier whah $[$ rethal and mistures berm




 contitist



 haves bat a forthaght, andin mon by tho tame the aheng aro ace latameil ta at. Freall foun sumbe
 dofenting Mrintard fomen the chargo of boune but



 trimitnte crops fint through the foutiog of the lati 1, but this was not the fanlt of the syatera





##   <br> 






 the heavior soils especially, this crop whin if 1 hy shanp leapera the land in of etate whath if

 tho othar edrantagen darved from hevint the and in high condition; zowhore han this boer
 cut mo carly that the aftu-crop 18 neter aritred ly thet want of mosture an the soll. Fractically the syatern of inturmandate crops 4 ull-ultabh to ais bat wistu caris molle, nad Wers thin sally to it 1 art of the falum break;
 alt aral statraties wich coldichal in January Hinteud of Jutio it woulid ber f cunl that the area avered by these orops, evera in the suluth of l.ugland, is not coneiderable.

AT Mark line ithe Wheat trade han reoorened ho fall of last week, ibe borsterous wenther, cocome gran ed with heary raing and knutorma stutis remain pachaged. - Ashort supply of prime


 per stone.-In the meed tritle there is but litile dowg - On Tuesday last we ware tidug over high lands





 n rithert counties, almaso atteaded with more or loen
 ft ${ }^{+}$the fuil forve of Tuendey's ale. asd at fater then , s that the ateti lond hat oveitroa, fit sheop and cons a. ko dy.ng frim the oull and exporure. Sheep

 Tuv lownen from shaef a, risily try! have beed more

 bul manzy will 118

Tbe riome of the contormioe will be nubmatiod to the Gureramont at an ourly date.

- The sunual goneral moeting of the governors



 presonk time there havian your. Ho mught be umtubsorbers durizg tom pist sartiffod even with that
 they had to cultiva Would be enabloui to diapense 'r report, which what
 that the oporntupan of the soclety curig the past year Wero Fory misfactory, prdinary businame havivy boen Sone througli, the meoting then proctooted to tegot 86
 6 marned couples ats and pert and to the eloctiou of frum n intit of thout 100 namen, all deserting coses, frum
 eutablisbel.
- Mr. R. H. Allevatr thus calla attention in the Timow the folly of wet ther proyhecy, ss iLusirnted by tha juvelemenoy of our ourrent "suminer" weathar "一 " Bome wolk ngo ant ancyymoty corrempondont, witit

 Titality, wuld porrado the aitinal aid regatuble kitgrioms


 Nil
 tome tho aromgo of fo yem by li.50 wid below tiut of hat






## 

 If. Fhw Knigit or of fine truob. The yonuger
 of grent anhitance. She in by BTI Doye of York (3,808), The sth volume of the "Devon Hard Book" edited by Captan Tanner Davy, is now ready. It contains the names of the breeders, ase of last year, to pedigrees of animas up the they have winn.

## ADVICE TKO LABOURERS.

TEre following is a partion of the eddrese of the la-s
 he 17th uilt, of the jabortoreng gavo the atatistics n. I... irst part of the sddreas gavo be in very of the 5 rusury Sooiety, which appears to be strongly sood condstion, and which hie rer. geate to join
I now pase on to an meond advatiture which I thint has baen




 hacnues Ifound tit to. The phelan tiven to thone wlo procoddd
 actually get the bott part of tor yout tharo, fur the inboilroral
 I woon sod I would atron: uryo urons you tho admantag
 0 foot. Num with the filudiug of thoso noboula I lnd notzitur whataver to do ofthist, thoy wera buillt by those whilo precedem



 atha goond selhoolr I want to toll yoll mumething of yolit
Ho whiolo of kngland and Waloo, the avernge of thoso who,
diurligg the limat yasr, faitiod in madiug, in priting, nad in


in Fotanary and out of the whale pumber prowertead to ctio








 f 4 , writige. Wo diutato to the elillurm in
their listhere, mothars, bruthors, and simbore, I havo nut yot






but we want to write for somse useflil purpose $\ddagger \mathrm{n}$. ...










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 －1． 1514













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## Mankin l


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unable to do so; they mast be ne: complete woldtifon before this ean boeffeoted. Manures, therefore, can tot only by furnibhing eolid or paseoth unathra, alizher d thesed end low













 time birs


of plante st but huthe ohanged, but on tho plots wher. mith of mamonis sad pitrsto of sode are spplim! U but ber of apetio in the barbage ETE ity diminnhed of Whith porely manaris matures Nero wiviri For $\rightarrow$, Per cent of the whole producs Gonvel manarea, the herbage jielded from 70 to 80 per



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In calling ettontion to these invaluable oxperiments

 Premare of जit the tit I a a
fay
 1estrs, Lewes and Gilbert
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Prog what be sel
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Unt

## found rary effedive. <br> Fou are all, $I$ ans - 1 ri fria ar mith the apperio   

THE SEED ADULTERATION BLLT
THE follomng is an arridgement of the disoursion in use of Commons on Wednesday last
$\because=4=4$ $35=-4$ yon, and of which his had the least knowledye Colistantly



 $\because \because \because \because \because \quad \therefore \quad \therefore \quad \therefore$ $\because-\because \because=1$ man brrd of tho mod mold to tramerr wra worthes and this wns shown hadirectip by tho finct that a farr ...

fitality naturally, the Bitl didd nut taterfort. Fo had boen ngly urged to deal with thame casos, but the Finility of




7





Mir Snaw Lurgqer ald it way imposalblo to detr that the



Mr. Heat hopod the Bil? pronal ion in much




Wa begt to find a meana of overtonatigg tit throw Mglat ox this gucallon in oonzocthon woth in ir Turchass aeads thoy bad the romody if prullen, beeause the prolit made by the reth
 Than a aprious one in this respect that thats to. phy




 of libel Even tho pubticatiun cf au abslyals of a






 mush more thai luo did about thls mbleot tion had Inforued bima a oertain farm ㄲit than that of arothor, and kiat it prited fitm en *o



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sive irnid No oye would dmy that they were




## lteo.

 ange bigh; but ay the marketa are ingressing in no grent extent, Piga wre unusuanly doar as stures nud pork mainkuina shath price. Yati uumbera have
been fed from last year's diseasod Potatos, whid probably caunea tho scarcityr. Wool is making i fit througla tho mild winter, end of a beasatiful colone The slaple 15 rather short, oning to the draught of lowt summer preventiag Eypothes,-It appears to the that yt Cunningham, in his letter on this subject "! rmud by Lord Eloko'e viewt Mhe matter does not depend on the selection of juvestment baing free from oompulision. Chores of investment is regulated by tha consideration. of adventages, which weigh vory differently with different minds. The investment in land at 8 per cent is chosen, amongit oither reasons, on socount of its
seuurity-seourity in one respeot: for there sios two sedurity-sedurity in one raspect ; for where whe two
 2. Whatiar the roturns promisod will ba realsod. In -omorvial gpeculation, and there fo seldom much


 way their existence. upon the whola, beneficial to the community. It mey be a mistaken view-and opinion
 that in practics the privilepe his Lerat sad rasy be abused to the permetration of the grossest itiguty that Granted that the Lay for 1 ta modification or abolithon. ought to be sbolished. Ietit beso; butin the mean White there is po general inffygemont of eqnity in ite liaths she proment landowners might olnim Fith greator shom of equity some compenation, it the ecourity, on the strength of which they minde their
investurants, is abolished, but it mould probably be felt investirents, is abolished, but it would probmbly be felt that tha free trude primoiple, i.e., hase oparationtly, for




 of excejlent qualty. Does Mr kadelyite mean to ady sad etrlier, if loft to grow in May without beip eqto
 Ru. a ivite ite betrg Ifft enilrely alone from haryest to hirvest ? -Allow mbich on the nieht of Wednamisy, the dd inath, gave birth to ntill-korr calf; on Thuredny marning, perings eitht of ning houra ef(air, to mnithar
 Woll All the calves were before thoir time. Errif

## Societies.


Spgoial Councik- Twesday, Junt 15, - Prosant
 Lord Tredegar, Sir E. Kerrion, Bark. Sir A K, Man.


 Wilson.

 bean taken, two dofonded oases, viz., Heary Stanton,
 Cbinglord, Exsex, were heard in the We-
until July, to enable the Societyto produco its origioa ebarter ; and the comsuttee now recommend thint th Seoretary be authorsed to produco the same before the coutb, and his aqreement is hecrelary bo lise wociety is well as such ather documenta as the Sooiety's solioitor may think fit. The oommittoe are happy to state that in no less than firr cusen of dofaulting members the errears an 1 costr have been paid ; the two romining cisen, of the ninve authorised by the Council to be fru weded wisusti, are at prosert in aboyance, ono
 it yet anvertan el - Whis report whs sdopted.
General, Mancrisitge-Jond Walsintham re granted for advertisiog the Mabibester aueet. bis be inaremed to $800 l_{\text {, }}$ on erndtion that the lowal commitione pey any amoutit spest in excen of that surs, doub's the wall furce of Loodoa police.-Tupreport was alofted.

Judase'genecriors-Major-General herount lind port preanted the roport contsiniag the propasel li. SHepat of live stoce and
On the motion of Mr Torr, if wat revolyed that the

Asricultural \&ucoty, immedrately ntor thin Manotecte? menting, that Soctoty undertaking to pay ell axpmaten
 to 16. The Honorary Director was empowered to meke auch he may deem decessary.

## 

Cot hestre Jwat 15 and ] [i. * racetiog has beon On Tuenday it wns btormy carly io the mernies and at intorvas duriag tha day hesry bili-storman soir from alouds whoh were driven up so tuddeny bofore gat
 avoning it turned bitterly cold th the strate of ar in Which the hail with congealod then moorsa ho kat desoended to the sariacs; matr theroseoned no end the rariasions of cilimete. Wreduesdiy promined to be aran worser, and thd moralag sigas wero varked ep
 which trigd the whole of the wheddung in the shuwan a d mado may tonth yiold to the foroa of yard, infowt il orolook, the stallions wero boing led about to iseep them Farm, viares aud foals had been akoa out bochuse thair sheddinx had either given Way or the cold blast had made their coal stare, tud the attendanta in mare fayoured apots nero mandory
 ng in tae extromilues
If the Easor Agroultural Sogiety be intended to be show, that is, eshow of dongs something white overyone who lookn on is to be kept in a happy, or m irritaled doadition of ignorance min rogard to the olarse thoy bring together, ita authorties eannot do bettor than oomutue thas method of meking entries the formation of classos, and the arrangorment of the catalogues, repeating it in theme to come in the axact form in Which all thero thinga were doas at Coluhester. The cooloth head and the Eharpesi wit the sublileties of two, three, nd four difforson num bera ofer the hoad of tonery nommale, and the moveral clasger which they formed a part of in the oatalogue. The Hores vere placed firtit to the ontalogue, ead grand elo
There were 29stalions, youngend aked, is tho Fard as
 to be eritical under the conditions wheh we have Ir buit, and olhor well-knawn ownert and brooder of Suifoli honme, ware arhibilots in tho ntillion chene: And me pend en Pa mory ko andionto that the chom ne lose and tho mak jurnig arduou
The gelditan, waze and afiselu fols drpartarot wen oqually good, the former cospectally, asid particularly When thoy wers shown in "teatas" of four There were Gya of thowe teamb-Mr Winch's, Mr. Hallam's, Mr. Frobis, Mr Green's, and Mr. Badinm'2. The premium Was firly swarded to Mr Green's fonr oheatnuts, for a more magpincent line of sitrong and activo horfech With good form and symmetry to matre them atimetive to lowk at, we never saw. The other fonr foama wero mess. This was the best oollection of the kind that we

The entire thorougbered horses and the hacketey ins rondster were atore of charmorer for dicht fith truth have erclaimed, "weedy," "wendy" "woody," a
 Wo canach 14.6 that 1 art of the browediagh as Clh ster wit, mut in ath





 well intended in art il *an wry atorable and Luluteater I in II l'tice I up, Ju! "" for the bet juraper bat this 13 as agrichildis will have that buipery meetion turped invo oooped-up furno-burdion and wetar-fumpios topafoolery if to usfur to oxhtbitore in arary obar Whioh theso meotings are intended to impars is almont屋
The Custie use neariy evotlied to "pure Shors hurns" nad "sturtiourty in thet ped gree The The pure shurthoras are a wreat and good show Mr.


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decerted F ohosen for tha sol premilm, open to at Englad, in greforezue to Layly Pledtigrtut prizataker CHaskise LE BEav, our resders will be oonfident that he 18 s good one The etheudent of Lady Pigot'sinaizal








 the rean lled to our metmory anights of past days, which We bid hoje? were gone for over. And between these two there flum a mrath and good cow, which did justipe

 abice she ir
 a hugh conlanea datati the 2-year-old haifera are a meme clus Mr Chisty s yearing, bovever, in on big and musculer red, sod Mir Miteintogh's first exalf has grown well up to thare of seven months, mbife has eecond is miore of the funcy, or "reficed" ztamp and Bubstance.





The "Alarthnrms $/$ withent redigrep $)^{m}$ are woot buts only of local interest. The 1 st prize, Aldernay
 timid-day, the poor animal whe bellowino Mr. Gilbey, of Stavstexd, also sent a very litree Af lc r-

 har more beefy appearance is due to the induence of Finglisha soil and olimato.
 Southdown uged rams are only five, and the best of samo number, nd thent ef The shiraringo ate of the Gamo nombar, nd ibout the game in theracter For the sto poly three entriey, all of which were pent by dans for Cots thesa tro Cotswolds. Shropatire ramas The fro Cotawold and ong Oxford
 [11-1
tiones, meraly a moll olasses, Mr. Greep, of stredighall, ontered inve; Lord


 big lack hemds, iums slauliena, an berth run their backe, are as urit nu nos admirer of primitive prodnghons coujd lesire to ingpect
The ewis ure anjignificant, with one oxbaption: thin condists of a pen n! five atres with thrip ten lambs by

 parposeas The lanalatare extruorl nary The su were bred
 and Mr. Siokol, of Lawford Hail, is deservedly pre-
 ing class. There are in: cline petar is thas +hiturest ing cless.




 We undigatind, hay heen eaurteorwis) Thocoved by the tho present rents Messpunt anus there the grictanoe at






造 this of an, ens in sereral others, the" cutrige "aze Thure good wey of puthugher of animals. This is corta.bly a the Socety, for tar an offienal upon tho "progreus' of of outries "tece the compiencoment of the Sucinent flowng elorets yeara ako, wo find the horsaz it the now on tien D , in this town gumbered 100 , bat



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The bast hozse, or bull, or cow, or ram or bosr, solection to matco for a spectul prize, but to allow these
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Clues l, ME Horses for Agricultaral Purpasos.




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## \section*{Farm Memoranda.} <br> 
























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## Calmorar of ©ycrations.

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 liye-grass and Clover and irrigeted modows. The
 therefore they may ho describod sepamatoly.
Rye-grast and Cloagr+hay when minde in brighs conny weather ik very liable to " roust," more espeoially the Clover, and therefore shoteld be cureful]y turped so

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 follows olose st the condition of the newly 4 cat Grass requiren, The her-reke oomes noxt, Butheriog the
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 astural greennests the better bers if 10 be out ute into



Stacking is a tioe operahon Fhes the hay is properly shaken out sud mixed in the stank, Rya-gratiand Clover from tramp ooels, is often atapled is a ngie
 sfark, tut meadom hey Fhen heated requires to lom
arr mit so much dally, so that a number of dayn is



 or when rain falls,
 be in readiness, nad starks of Rye-gras and Clover-hay mas le thathind As hom an thes ere bititt, if the
 rimin the netek may be allowed to wettle down. Headow hay reju ree the heat to be mently oul of the mark bafore the thatch ia put on. Thore are two whys of
 Whth samall ead along the eaves, ridge, and onde of the roof. The former is the more common prectice, Scotland, tho tatter in England. W. B.

Sotices to Correppondents.









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GREENS PATEAT
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Low prover to be the bont and enrvied of ewory Pred that hat bow plom is all mas of competifion. Stnee tha firtitgear they ware intradimed (I856), nymarde of ta,000 daw bew sold, asd 25,000 of dides number diwing the lece Alow seatons.




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TWO FOTR-INCH PLPFS ALONG OAE SIDE AND ONE ESXD OF HOUBE.



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 BECUROEAXD TENTS Trom ABY
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THE WHOLE STOCK OF THE ABOVE BEAUTIFUL PLANT,
Itained by Mr, Tuke, of Bramley, near Loede, wha aloo raised the lovely Dipladetian anabılis. A Figure of the


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Kemainithin 21 It June, 1 bie
F torat and HORTTCULTURALPETS














the Gatoruerge Chromicts．

SATVRDAY，JONZ 26， 1869.

MYIT－POR TGE RMODSO WREN．

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 1 cultration，With that lolla，



## －等：：

 nixh minn on pleted．will to $n$ valuable ming eresteml hatuge ，Fe aro diposed to dombt if 4 be well ruited for the growth of Orchide．thone are many rossons why，in a larp，pubilic

 and ingrome ar 1 for ax if vaitors，aril that


With open doors，in athe tron to the orlinary is of verlitati：$n$ ．thio necesalary mmature lind of the［lants is［mastisely atnlen eway at部y opening and crevi a．Many of the rlaits， apite of the greateat wk，Il，cal، scarcely recoutp Fingen by the evapurtion and condenantion ＋tarnir then ing anl doring the might －5um liat a time liturral atr－hatal malo of $z=x$ th them is liat lo to lead in dianstrans

 Whic parks and gardens in particular，that to maphe to ahut is the＂rehul－burisu a inght per tha be the siga in fir atmher It in l＇ark deston－ Conemin min mouldure Moneover the preeant lity of eanction mot chare to inour the reaponsi－ －1 proty conperfative meavure，oven were in ted by the managers of the garden－every un befinctis We must took in gome otiper direction

 －wo raiden serm to us pructicable $\rightarrow$ the one to thintribute the platis in what，maty be called tomgg and floweriag hounet．
in hehroth plan is open to this objection－that it vaing in at either might wall be argued that Cutary in at eithor door would be about as satis－

treadure within，Moneover the present honses are zot adapted for carrying Euch a plan 10 to effeot advantrgeously；for their width and form would prreant ant almmst impenetrable barrier to any－
 inducutmi．If the outer cotril． 5 trere the wht if， the tr weritg plant wa．．l revpinat，t，




 adopted at all；anl fulank thay pla，，ilher a block of new Orchs l housnt muld tee luit an the present honses ut．lisell for other prirpe wos，it the plan of distrbuting the plants nato growing and flowerng houses could be adopted．

Upon the whola this lattor plan sooms to us by far the bent of thetwo，for is propervee the existing nril＋f things，and onis stipulates for auxiliary
 but they are quite unsuited for the permanen growth and wall－haing of a promral milhe twon Orohids．It is found quite practicable in many private collections to move plantsfrom theirgrow－ ing quartors to cooler housed wherain to diaplay their flowere，bat it would be the height of folly to

 The seeson of rest of mist of tha 1 r 1.1 ． beging with the wane of sho ris＇orescence，and therefore open doors during the fow whet the planta are in bloom would root bo of rat，ma！ consequance；but when the mantin of growtl． approachen，every advantage in the nhagen if proper temperaturn，duly molulatedar curtenta and safticient mosotare，must low hetabutationt ellan the day of grace paseny awar，and the lifaif if



 thin Ilint－1 tom thr，is ut，r li！is thoy ain anoh ant arrangement were carried out，and to the visitor there would be alwaya some novelty te inspect and admire．

## Ag acowirg house the now Orchid－howe

 at Kow is much too lofly for the maingityof the plants in tho colleotion．Ae a ruto thin
 lusurianes in proximity to the gless coverisg． On that nccoupit，nad on that alone，many of the

 aro injuriona to the flowfen，for thrindisat． of moistare destroge mar $y$ of their benutiful tints．Hence the wisdom of providing a nastat le habitation for the plants，both in their gr iwing and flowering atate．
The green glass employed seoms to us，as far an moet Orolide are concerned，to be mare a theoretical than a real acquisition It man fon
 buildings nenr to the Orchids，as obriating tho neraumity for elnen khanting，hit it mannat disert the ray a f the anill foom actimitituth，．．．4ls
 inti fixintanc of any colour to intercept light
 Daring the dark days we wath all the light at cmamatil arl maless at that pervol the grevi， glutw cuntd be exchanged for the olear，trans－ lucont glas in everyday use，it appeares to un－ that，instead of secumig a benefit wo ere con－ tracting＇a loss，and placing our pocition in point of lightand darknem by wo mich the neaper the state of aflairs at the Nirth loble．

[^26]

 ［RIN，k of Walibs，at Sandringhan，from thome of of MIs．Dixos of Stangtanshary；and frou thoe others．After the yisual tosesk，the noble Chin，and others．After the piakl toasts，the noble Cbnirnom Thit el the toant of the evening，viz．＂Prosperity to Lu irar．eneers Royal Benavolent Ingturinn，and in $h$ s＇referred to the objects of the Inetination

 －pensioners mereainowed to live
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neal Register,
rfilusig one of the varieties of the the pollen of N. pooticus. We caprot N Bernardi of Hepon, Judgin $x$, $f$ it from

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the Daliodi, und paoticus. If this voor be

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 maded Prapran. If wish in orter to mark the cood



## 

 Marsettlos, Aviguon, bud Nive. Wa bate Lut setu it in Engith gurdens, but there are excellent figurws is the Work \& of Patchonbath wad Moggridge, whith , we hater of intr 1 On the omo hand it resombles juncufolizes, but the teveer and atam ara quite diferent, and the flowers are a tuilorm pure white, matend of a brigit follow. On the ather land i comen ex seatioply huar


## NEW VINE DISEABES


A native of Spein and the South of France. This 18 one of the smallest plants in the sen - ,
Kew, and wo havo reon it latels two privats oolleo nons. It is wri $1 k$ the Jon uil ou a smaller suale, in ? mins he rn ! is atinguished by the erowa being

 axcooring the spathin Tube cylint i 11 , uro waite, -

 oonfon, dith of an Inch doep, allightyy wipped aud sronulato

## bitarlat. <br> 

Frow information which has remohed us from ravious quartors since January sit lat, (When we publighed our inastrited articie oa cortain Aplideorzs nseots mach had ahtaxed the young rooks and also the leaves of the Vine), we regret to learn that the
 reportad that specimens of Vine roots fnlestod by tho roof sneed had been forgardod to him by h






 -hat having eean the milleg, which will doubtlesa be Wuted and nif ard hetter sper fir rhapactert, wo mas rewaink that 1 Ie I rench obsarvers of the root vneclio. leaves anit indectit the first ntt in in Finjian's of the appearan en of the ingect on the Vine leaves in France was recorime the.
 as havint broken out on the destríct of Orange




 4 whth-eart $4, \rightarrow$ it, whom ve recommend fumi-


 os alfertual iti dentroging them at at is in knim external-feeding Arhules, gucti es the Rose Aph.5 or common grenn-fly. We have had mo opportun.ty ${ }^{(1)}$ orelit sizo of the cese semasterd respeotively by the roat and mif mill recunter i but we may observe that in both crues the Huda of the Fino are soakth atter by the spance. thosip rostrum s8 thrust unte the young action of the different parto of kye plents whiob ares of the twi inseots. Stimie curwus observitrons on this herid have recoritly been made by two independeat




bure af the stem of the tree aboverrouth to couso-

remplel tha
can not he dstangulehtod, imer se, Trom Cynipe (Quarcus spotrifica from two different kunds of galis avom two diatinot kinds of Ont (Proa. Ent, Noo, May 1800). In figured the (a) at the head tho arn che we heve aplired the very minuke jarre of the lesi-gill specimens -uall cirole above the inseot The two dota within the uril cirole abore the cureot are about twice the wizo of
 itas Coot, the thlokeued base of the tarsan aridently reprojenting tiod distinot brsal joint whioh is $0^{\text {tomepred }}$ figure, which olearly exthbits also the two tarmina figure, which chearly exbiblis also the tro terming booke or uncues of the feet -thus nefrativing it relationship to the Cooel. The upper detachsed
 wer made
Frowl an exne lant innmer by ${ }^{2}$ )r thener, pub-
 Saturai Sclence of IMhisuti, plate for Jenitary 20
 States have bear attackod by 3 an insert in


 fothon, He has froxifor tivis ingat formed zenus, which he terma Pactylonphara, from culated sppendanes ans the extrempty of the feat (of whioh no trace
 ts fonnul un our species) In thes a wompalyang Houd cit ( B , ito lower hare reprevelits one af Fio. H , tho legza of 5.1 Iffias Fith two of these appendaper 121 , nt. 1 the ur phr tigure (with ing of sheno appontaper, in, दो repressints out of the lepk of a seoond speoims furli! in the f'g-aut Itrikory ( arya klabyn). lermallal, mpars, The the wi= it th: rfeet

 II. ' rirz

space for the following ghort oxtrati $\rightarrow$ The yoans gad remorth to the tender feaf as it is expanding from the bud, fixas ite location where it feads by punctursug
 From in oper up to Hour egga may bes found with har ot ence, and one femele may be the proyelutior of many mithons in ono sassot, oved 10 whats wine calue timetimen a fer or tue femat ind diatarity ab other
 times the
are bieth.
r.mary pareut

## 39ame Correspotituce.


 of the Bittorns Herticulturat Socraty, near Sonthamplona, by il hn lamiacles, Eail. of tost rad. ine in a tub, mass bave been nesrisy foet in disumeter, and ha haund o Fue plant hassud oxpanded fower hinades fise plan





 Gas tar for Trees.- Bettar let it alone. If tar is wor
 Mr.unt law is, the , rough being tarred to keep the

 prntoctivg ils bark. Tar is alwas injurione. Bioh patches of it injuf efery patcan of hark shey jonat: and althrugh the Rap oan tinn its way between fie parcheq, at surh tuterfernbes is idjurious in propor Nectt's peel and parat proserme ons belong to tho ang of horth alturss barmer sims which it $1 \mathrm{~s}^{2}$ hopen had









dang. And th s, from 1 ife trotes of the book sad kie
dang And th s, irnm

 W，Th impunity in many casre The practico if followed In Indis in the cane of the inchnant，with thatifect of Product ED．］
Harbacoots Celceollurias For ihoso who have malt her hime means，nor opporwatuy of eevint for them－
 other day＇Fandy 800 o these plants growing in 68 to


 What seemed A most remarrkbile charbotertithoof theo ptrmin，whech Mr Thompon told me he had been
improving or 30 yent，and whick may tharanm he

 in nrely the case with stuch high－class flowers as these．
Ther moik fower stens renairing supports，wheresg laog modit Iower steng renairing sapports，wheregs deconht plants should he．When I saw them they woro
in fall bloom，and Mr．Thomson whid they bad beod so in full bloom，nd Mr．Thomson mid（hoy had beod so thruck，wil with stich © magnificent Eight st thas ceamon，when onc Azn chi，Cinerrarias，and oarly in entire house of ihem myself another yeur $H$ Kivikt Floor Gorden，fowe lis．
Rabita－The undergigued would be much obliged for ang information on to thio best mod of preventing fuden in on a chalky stratume，and the rabbite breed
 dillodige them．Ye there any poisoo himitrlese to dops
 Thil I，Figh has sitid of the beantias of the charming of in tu th that while poor，higepredy troatment will
 ton，ho rewrided for ant the trouble they may bestow on ith I have row hero that hat bean a porfect blaze have twn plempe rf rThetro tha some halif，shapo of fower，And frec－bloomine stualities，as the rest，but whoh are of pure white，instead of hlope，ws the reat
制I can I isterd vurg it extenuroly wuh the olber
 binls white one on the place．Thengede Bent nearly irw and I planted thena out in due trone in wall


 during the heaf of the daty，As noon as large in in th men placo th rioh soll ；they will then zone good whorstor thay are winted to
io STr．Sandenta
 fogreoper frimelen I can oply say that I have had
 tho krua atock，end proceed as I have painted out，this
 mamm of besuty many yards square without a flam．






 e
24．88
listinot Epecies，M szorieum ecolestinuti，From the in B year or twa to sto much improvementin them，for the ：ommon one of the menfielda is a－divrly plant sod presents a respeotabit
3 not tha onse with wil－ir in flowaring things If
 Gower garden ornament，$F_{1} N . B_{j} \longrightarrow \mathrm{~L}$ can Cally
 1 ways been raised from beed．


 cnerous troatment it is finer．Witiam Foufer． Mistleto toped Growing in the North．-1 have trind －rett these seeds to grow for several years past by I noing thezn on the bark of the Apple，Thorn，Aas，Plack Ttalinn and Lambardy ioflars，so．，but naver till this sesw．．${ }^{2}{ }^{1}$ t me，by olovely inspecting lact year＇s operati na，that tat reodi had．never attempted to grow；from wh ch I doducod that they Ferb either unripe or that too muoh of the glatinous mucilago had been lett，nod go pravented or，laed from coming into direot convand Mswe bark or，Tastly，that January，Fobrancy，add Mayeh，the months jn whish $\frac{1}{}$ senerally made my erperimentes， Were too ently in the season，and that nom had destroyed the Fitality of the seed．In vis．．－and 1806，I planted mapy hundreds，in the Lave of some one of them frowing as I Fist many others in this oounty（Darhama had fllod 1 ka myself，although at Bightp ink nesr
Halsinghem， 12 or 14 pears ano，
 theitered and protectod corner of the gerden，hà grown also that Mr．H．J．Marshall，on the banks of the Weary，close to the cisy of Durham，had met Fith greal sucoess on the Mountana Ash and Poplar，but theso 1）arl ratam．Ur＇．＂ry ephenson had komo seods
 removed 1 pun ret ion，Ithis manson deters．ned to
 hy rubhink the hert miently jo fino soilor earth，so as to
 particulerly not in emmmence planting till the month of April had met in，and to contione to do so at intarrala curime that month end into M ay．The realt is，that olf．r h3 tha ri，if Nirds，jet all the others ha7e sataced the seeds on the ararfeoe this year，or in simply piace ond eseed planted on and Asb，ebout the mindeleo April，has throwa out the usual troo green fangs from


 athen of the other mede have wipandet thoat any fangs appoiriog that I frnoy these first two fattoned aides of the soeds，and are，thereforn frim the Arst uncomneated with the trem if if wior，
Tremprimatin Daranghon
disctultons in four valaable Having frequentiy mand to mave Hollies，I mey stato that wo have on here that wal tranppleated in Norember，1864．It height is 24 feat，its girth，as feet from the fround， 3 feet 7 Thes，and the branebed are proportionatal ＋2 A A werere trat t undergo，but mith care it passed year since．I ： 1 in to know whether any of your



## Surthe Croppiat of Pormentat Crope－ing lin

 mide exnetly of the wate materaln，of the＝ans legith crenty the emo derinphen of plant，rhown it rim Itat ！vitol the oanal manner Our gromed I cha lishea cang of Radiakea from the other dram．The Lattrow produced full orop，spd were bed mat spriakled all oror with Badishes，mod eboat
 in No．I，I observed monsiderable difition Radishes in the preveniod either frosi doang well，bute jitho notion Whatin hof this clrcumatinoe but My gitiono notion



Lettuced portion to much meakor．In
boon s third bed surface eroppod
the facts gleaned would have been

日urfaced crop，znd will racord therest
youl have my nuthority to fou have my nuthority to give my midran to

## shall be bappy to ghow the bed

 enghle them to form their own eonclatumThe 0akloy Follard at Intinethe present reason beipg quite noprolis：the Fisitor onters from the Ror
of these trees presents theolf，A A Pthe exrcumferenco of the tpThe fiestr spett Why from the ground it branehostres．Hald way betrwen the growid and the
bran lipe the oircumforance of that trinklil a










piok stidh．A（CF\％ar



$\left.\right|_{i t} ^{W}$

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## Eman

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##  <br> Postans, Bront mpod, thy.


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 bid extibl




Notless of 30015.

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 - arrangement. form, colonr, number or

 23 chroch wo. Alterations of form include cbanges
 sto arnanged nocording as they are due to manaer the pripoipal
nanges (exelusive of those dise hitherto amorphouz growths resultiag from insect
$\stackrel{\dagger}{ }+$
$!\quad=1$

##  <br> \section*{Flordets' Flowern.}

So far, the exhituting of מew Large-flawtered Preargontuys has been confined to Messera. Hoyle of Readjog, nad O. Turmer, Slough-the last-samat having Mr Foster's 110 wers os usual Some 13 or 15 years ago 就 used to be thought charactersatic of the strains of thase two firmous ralsers, that Mr Foste. should $1, \ldots$ but tooly-formed and higlz ies. Hitted the improvement of thap leregr to bave encoloured and pint hues, of latere flowers in in ins. tor and pint hues. of late years ikan $e$, refore, irs hate to mome extant n - not only lowers of tho styler named abovo, but re to oover tho whie afeas of Pelargoniun 1mprovement, The areat show at soutiz Kensimpton on Juna \&, broukth from ench of these misors groups of nem
 varied, and genernly fluo irree Firstocluss Corts fictates going to Mr Kople" wizio five is
Mr , Fosters's flowers, Mr. Froster's flowers, tight First-class Certitheates for large-flowersd Pelargoniumis at one
griantime ha

 Collowing extracta nay nerwo to shon in subject on the oxplanations usumbly points in the ordinary struotere of - points
done ennoty towardan nowios the


## $x=1=-n=\ldots$ <br> arm <br> Nomb <br> (n.


 $\because$
$\left|H=| |=t^{\prime}\right.$,

 thalf: From stuch facte, it addtion to sent of the orgobs, it is inponalblo to avuid circumbtances, be set ppurt for this

Phitical of the subjeots trestad on are of prictical umportanue to the gardener. The brake" apd ${ }^{15}$ monstera ${ }^{13}$ submitied to

## ${ }_{x^{2}+1}^{\mathrm{C}_{1}}$ <br> 

 - to secure ang gonsistent witn har-

Eyy

of temtolegy desarre thin attup-
 - eorary starndond to that moder pectlon, and to rultu toll flowerade pormportion as
 its broadert sense, tho alim
i-3w?ourced tho form, brigitly
bted. When all thisn mutst


## $=$

will

 on whaleh the enititmon nur wo gritiouly rooth ond extrontion of his jpisoteaty rellen toratolocy concormu itenty mitan, bto

## arichty petals It up with $f$ <br> Higat ranning out joto 1t, and

oxcollent ary fae, Frell-proportioned, and smool , , F . $\quad .{ }^{\circ}$. 1 and showf (lower: lower potale


 Irsac, the uppor petak having a denso dark blots it the form of faint lines, and extrome tho dark runs an ted advance, fowers fine, stont, and bold; the
 $t, \quad$, more or lesa do, the $\%$ s and rod lower motals, with ascolourded kinds, pute ornage bloteh on ench, ligea of the Batme, fito dark top jpetals, whith rogular 'artior (Roster), dark orapger-carmíne lower ovelals biotuh on top potals, wargined mith fiery oratoge, dar
narrow rose ethe
 Biso lower petars, with fabiti dort brotals ons (Poster)

 hateli mare Bonnio Charlie, dark painted flom num anor tintals, dushed with orstoge, and heav





## protalay mitic

 llarn arn a mila

 It rald. P)antagenet (Ponter $)_{1}$ son piack lower
 Velution (Hoyle) ons fino but somentiti rough flower with dark; druk top ; tals; floweriermell, rough and




group or elz tamoy Peel:irg , il
followins mer yariet




 the indivadual formerswer. Ar ing of bloom, though
 a First-class Cortifigate, for White Olova The 131 ide thomers large emad very full, the contros alightiy tioged Whth sulphur; a fine addition to thesp showy flowers,
at the sooond grest exhibition of the Crystre

## Nr

 Cortilltates - Hemine Sultine Carasic W Firsho in Majesty, and IIrold 3,
 arge - 12 ze , smooth and of of with violet, tho flower of arke $1 z e$, smootil and of fine substance; to eilem Wiged variezated Polargonium Bright 8tar ; mid to atrazded to Maid of Hooour, and to fincy Pa wer trarded to Mald of Honour, and to fitocy Polarion esertbed

## Tye Kniarg.

 h. 1 s hargo suntm early in June. In ahaking the cluster, about one-haff of it fell down on the pround The onner hated the tra

 rime swarin, hasping watohed the twea hoo che to
 dela hery a queet. it is, I suppore -us swarin.lig, the young quees lisvige come out time as tho did. My hees are ging off the sace TM ralher than working.
A ad esase of rexiede the other day Outwidese alustar of fall of bees, haalthy and atrong, I notibod 2 caspefuly gepard hat rati being wild and oxates. I found thur queen olosely enam in spaal cluster, an fulls to har subjects, bul thay Foild nas havo her carebillod her outroukt I Rearched minttelo her, and
 torrin +1.4 gratithir arose atong tho bese who were looking lor the quesa they had mulrderod, Queen thus dentroy iheir queen, not then heviog nuy mommo1 mbe proppeat of her plute boing supplied by a
My hybrd Eyplian queen breeds =
 '.....
I h. "ryen ment brok again after being front of the iluve. I ouzate to have krilled her then and there, but pat lise baok ganan I thnught oot ly, us she had ragged wiogs. The next da- warm went of aga and plebed high up in : $=1=$ ofthe hranch and brivsirse tho bees dowl Thes we.. wiccesstully huved but at $4 P$ m. they agan left, and olose tuder the tree I inage of brambiles and nelllay not have been in the hive at all, but, when the s.isll oramble , whe morturg bad fallon amongat the

 If ving the lyees smongst tha nettles, and wan drapis to -abg-by the anttles bat got by a anctla areadfuly tehout hatime on any protection of vell ar alopen, My , uare class hive threw of it splendid 5warm $t$ for day

 h Hams," in thich both divisions hate
have been tonse of delayed awarmant in trie I. have beon touse of delajed amamorat in

## 


tmpregua 11 by an Esyptom drone?
magine, this is the case, to would he surpri
if she bred any other than blank drones a
upest sill the theories of Doterzan and ?
now uniwersally socepted by ectentatic gplerion
hybridised by an Engtish drone then it is struag :.2
she breeds breca пroдes
It in not at urusual erminstance for e quegrlegs






 aro teas ware tuthegted, and ofery one paised sepi The bam frere theo antod to mother stock and all afternards theal en eatisfactorly.]

## Miscellaneous.

 tion th Yort, the opportuntty was taken by thow gentlomet who hote beet 1 , Wilsos. the gecretarys, a handsome
amin, as - mark of Itson, wh hed Gillou top otorests of for 1848 ho intareated hinnali is.





 five years past bo has bean donor of an ansual 5 L ,







 bo mame suatwer pructare is that revina by ne for vorlual oordon Perr, and should poi be lowed to exomed rikht or ten fret in heiglit Notbing





気







## Ciarden opratong. (Eor tho sintens merb)

## ELABT Hutsen.






 rthice s! ut \&

 from Fell-mutured, wood of one or more thithoth
 faid for the newn veriotitg if that korgmour







 yurane if tr it ment iomman upon young shoots of













 thotr anto thumb-pols in s oompont of good, reh. hish

 Uf H

 2. An. in 12: wh ter ilpo To retoll theso

 cerlat
tilla
thom.

maiotanod umill sosure a pertemy tree sunt suyy ani frute foring a mental to the favoure f the frint in fat i mantan












 Por this reason I ame averse to tying the heads






 amede of the rorrit into of thane Theash I have tud thumith Dectuerg.

Mould
EITOHEX OABC Sprombs, and so eart thenp the formaine






 supply of young ',$~$
Hora, ere ia deras








 cens. nual of reuba $\|^{\circ}$













 When dry, oover the cuttis the mith atom





 $\cdots$,

 "caller $\boldsymbol{x}$ heret prat lalle











the betear and stronger the plants will he in withetend
























'Ine next crop we shall admert to wiss also one Jl atres, consizatirag part.y of lyenal (laver alone, and partig of this mixal with perestanal Piyn-grass This Letd was sumn dutrie wath barloy in anto. In the folluwng year the therer "sered" crop was partly fillat wath alater, the revt monniz, unt on tho whole was a very good crop Iboat is acres of the the wer, the serome growth, was lefe for geod. Vow thas sti-aere proco, like that of a fer years stece, convated of madey daferont latild. Those wero farmed by difentent perupls, ald we are miormed wero (ropped wath clown at detferetst timest liut bestudes thes the sut facing the hall slope 24 tery rarable, the haghest portion he viag a aulsull of the stome brash of the naforior oulate. the brow of the hill iwing the snfertor oolitir mande, and the lower slope filation carth
some 70 feot by a "fuctt." With all ti me tions thon mostl crop was whaliffilly utat or.m, and, for the dintrict, andustally fiond. There wis A.t) Byint of (loser suchines. lut thas harge tatd how tran troatorl atber froth the end to the other, having bina theam calthated fir rooks in Ibs, whon the swenle (rap, weeghed by
 at il, thinfors antinal aerent lis that chats wo
 a stuzzag up the laud for many meches deoper than it hat entr bern dune belim-Inoweting the brasit in the etaris firt, and broakille unt the sand tauct belum than wergetable sond, Wheh san! though not so hard, is for farmitig purjerives at much an impenctrable sork to the roote of plants the a dratumin ateme itwif hay, moro wo, at






 cont. of tast.
We would now offor afor remerks on tho
 had for some time, but had we not read, as wull as had some little usperenco upon the aubject, Wo shuald harilly have been jrepatai for tho fact that where ('imer hay hul beon taken and followed by a crop of seedink \{lover, itr Whoat
 hardly attaneml to mae sacks. User the wholn of the gruzel portan the Whit was attulker by what putook to be tho hars, of a small spertey of Stephalinus, which wero probubly beed in tho wheep s duig, and afterwarid, somewhut co ntrary to then usual halutw, attacked the young Whest by eatng it all rousit just below the surfuco aoil; this no doubt thinned the crop: but that the grounl wat in groud culatition was ohuwin b the airoumstanoe, thet in pleces where the grub had great!) thanne? the phant, spacimeng were
 oinglo mot. Still, takilig the casw alt, gether, it in
 roots are to the Whent crop, and 1415,1 indered,
 atbl, an a fistua (rity
 Ibse-grass, and was u tory facary ande, that has
 mostly in Cloyor, which Fas acodod. Ifuwover, by wiy of expertment, ? ecres ware suwn wath
 veed to tho acre. This, it as far ats the Clemer wian consorned, was a totul falure, but as thoy sill If! guantity of setrl was ment for frum a moghbuar ing town, arid uneel, contraty womar ushal chatuth, Whant oxammath $T_{1}$, math less tentir? wo are melinaml to thak it maght met hwo been oser geral, for as th. + fell 1 hat beenn stearn ploughed. wit felt justited in expoctang better results, usen though c'lover mas grow'it but fir" geats before In the sume fielil wo trivi a spaico of nht at in yards in length, by about 12 yinle wile, with the so-culled hew Clover, Tifulium etrutcous. but it, $t+r$, Fita a tutal fankure, n it a plant found is: the 50 acres
In practice we have $f r+m$ that the ta nle of nowing ('luver bud la mportant in ingure sto fruper growth. Thus, wheri tho nonts have beod got uti so jate that tho Rurley mowng ta doro 10 hurs, alll the ground in rough and in hard krobes, intather tho 13arlay itself nor its ac
 dry season. C'lower seed, unded 1 at its mach
 after permanation 1 m hard knohy int broken down by wet, ata 1han seed th the parable. In 00
 bafure sownig ns tim and smooth an posizble. as a prixuf of tho recogtittoon of thas fact me here append a labourer's report on our liarlay crop, mada Apnil 18 of Inst year
When the ground is mellum (mellow) nnt






 heara the tarm Sweda siok or Mangel ack. Wa honeys conclude that, the thro are no many circumstances atfectang thot well-bunne of the Olover orop, the idea conveyed by tho term "Clover-siok" land is not anly indafinite bat donbtrul ; and long and often as tho Clover erop has beat a falurs, yet obsurvation und experimeut aro stall wasting to detertmine the cause.
On Saturday laxt them liothosmentind Experimental Ferm was viatoul ly M Disty, tho distangu,shed lyom h clewthat, nad by a large number of the leating stixatotitin metsi of thes

 Llus trithan int whith is la phot of land had



 t. witc th
 What atallugorico and patuonoe the lendiny quen tions in agricultaral chamintry heve been put to
 Which in othercuustries hus been done by Goparnments or Natomal Nocieties has san Eigeland bear ovun more saccessfully eccomplished by an indswhual apricultumat and chamist, And upon u muro elaborato plan sid over a greater area, and with i longer-continued perseverance than
 an 1 hr. fillusint hav here devated themsetrea to the imsestagat.ote of the wh lo fiveld of a mracul tiral themestry Whate th the medat of thes remeareh a larg sum of moluy, contrabuted by tho agriculturnate of this country to exprons thotr sunse of the professuonl and matjonad valuo of thene laboiry, was nipent in the eroction of a abburatory at Ruthamsted, and proventod to Mre LiaWes, in the mame of a body of subscribert iuclualng all the loa lisir lan iownery and farmers of thes contury. In that aburatory the compatiy





 grinsm 4.41 l ther plants contained in or given area if ist is of the exprimental plota was represented by actual prorthons of cach pleat in the propere relaitre quautity And thind wo could see at E glance how the whole prodnce of a plot had altered in quantty, and how that prodace had changad un character as well an quality at the emid of 14 youre ${ }^{+}$treatineut It was noen in this collection of drad I lanta just an it whe afterwards more strikingly seom in the field, how atrinonat, salta, and mixed manturea of varlung kimils pach of them app liend year after yam to the samo plet had nt lungell Wriktyl upon the ongmet pastura changes ity criat is if the -averal beyls had ben 11 masn with altogntiate
 hal been patal sayd, not ondy by this mereathed riguur gircil to the cearser and milkier (freswes, ennbing these to , rowd and huatle out the mose deheate ulwellen, bit aso, un ahowa for example























 up of inferior kuan with muann ont hurum minn matn
 moreomet there sit cenvina gund At Liverpool,



 anta:






 the Wreat

## 

 T. . liear is nowis-ripped sheep frozen in denth





In the north, the hardy $m \quad r$ranaing stream, cato being taken that theis ations
then the mint af antiby an operation. But



$$
\begin{aligned}
& \text { t way, in quantrity hayb wolld } \\
& \text { n }
\end{aligned}
$$$\frac{1}{r}$







aty 2t.r





lome corresponacnes.

## 









## 













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## Societiel. <br> CIRBS +


















 in wi. is. sud that the mook of the orops will matarally two hert an to even in temperaturn an angoh.r.


## srivil












## 

## Forelpa Cerrespondence.

## Niw Yeazatid fourwero. Herter hay -1 bare





Whonk, to jny pertain knowlodmo bad nod growa mink

Ays try ntwen of the money is lying in the land
 est arop. To each crop thould be applied to distribnted $1 a$ ruch \& manner as to
 ke, let mo mple Fiouly I6 xrial mimt and deap plouthhing is
 the land onls when


 1. $\rightarrow$ - flat the ax )

 Fint i. it on and meohsoioal athen romits $t$ ps bearing as muoh leaf a


Cintman, Mr. E. Buck, mald Wr. Grefo and apokemp p
 had alluded to tho axpodirire of the woft to tho suceres, that th, they should merer waltiveto at matter. So belforod that if it wert done at
and in tho jrojor way the oxpanio of cultive.

 Wining tor clay land, wat he whatod to know if + err I
 cultivalom
Poatrer nald
y. Porrize seld bo had a pioce of Barlay un the oflo of a be of aboat s quarter of an nare wbich they conldi not git
 so 2 athin corner, and tiofing the diference, he wont to
 bivition





 Wit regnt tu plogitior and olitratiliz ho boogt ther
and thaud so tho ornt.












 Ror bideg


## The (sery-Protereith <br> 

 erbips, is ma is as any there from the depredations orumitted by game hut he did rot think it wis question whoh the Logglature oonld deal with, Th landlord had a right to do what he liked Fith his lane
 the Chairman that it was a quention babwean the land ord and the tonat
Mr. PARTRIDGE seid he whs Borty that Bo Imporint dsseussion us that ghonlth heve had suoh a - rry opening. He regarded Mr, R. Apperley's ramarks as 11 had beon and that there wis mothing to complain
 ant as will nis se any farmer to trient hin landiond tipen be wistion lie div from the erer. premertal no cround geche; but, ss farmern, they, were prepraind mest thoir landiords in un equitable apirit. it wh
 that the farmer hed rolling rtook, he bed capital in the soth, and be ron' I not move axcopt at a Bucritice They Fere, therefore, ohilped to treat al thoy begt colild, end the ureatis labonring nuder disedvanthas. Ther wers told thet the middle olets bels bebind in edmetion

 and hin ogent wert educstod mopo and in thear treat ung wase to tham, Thay koew the arality of the land and there mat, Thay knem tus qualio of the position of the tro partier abioh wis mot in ther posilion of the tiro parties vhioh whs bot in hapur
the frat inftance, supposing that a " primoipls conld bo adopted. If a man had set bimeolf not thint that if a men had made by het, hut he did
 famity to maintain, he had enprtal ravented in the woul aritho found that owne to at ower-preservation of able to make that profit ie had a risht to erpect, he abje to make that proit is had a rixat to ezpect, he think there was any onte proseat going to conkrad him upon that point, and lone of wieh he mould 暗y homet mon ought to b
 manad. He had seen familied ruined; be had seng


 sestictinat $\begin{gathered}\text { mat ula } \\ \text { sand }\end{gathered}$
 anoul deal tor majper a or Asinall bourd remind



 k bestall mistaren with
$\Gamma_{T \pi-1}^{r} M$



 an if e orop of anmo? If he did tho former, knowing that game whall he lrear ram

 they ratad bim th more thas the land Wits worth. would reliere the", tonant it the landlord were rated but be thoutht it would be a diagracuble tarekion for the Aseemmeat Committoe to sot sbout He hoped we - Inu! I tr to see a monsurs pacend which would jrackizy ifal whlth this quationg The nvor-
 ahjeri jel brought horm ory



 he reatod under m gentime who bad rorl fims prearve, sud he und rtunumior coolk hote rentleman Fho wook the mzor took very littlo ine iteres in the

 aote of the mont [enjuc-lable wad jmportant man for gतid did dnuftih mad he thought would stall contanus






 thatik thet Me l"ertes!ge, who he 1 a give crectit fore wod den of commor rence, sha who could manaj, hes frionds mad geighbaurs, It Fes very imperteat to benp




Vr logLgt mid he thought they should give that



## Mr Duckirhy folt that the oror-presarvation of

 game had become a great and astowns 3 ations question one that was decreasiog the abousi produce of the solof Eagiand, and catuing a great awous of the Foulth of the country to bo sent abroad to obtain that jood whi h should be prinuoed st bome tut. if they conl.
 ved the anjury he wh doing io bis fello: men br the over-preartibints of hrotar rame, Mr flomer had man
 mustbute abow the dammer
 phlate some -ak mire , suad ho rented is under one of ibe moik.nd-liented and libersi mind in the oonaty. He bad no hes tatsm n siving up the full power to his
 - day spertio Bub the landond went tupon the Continent, and before gotirg ho let the rame upon the

 threntened to bring him to beprary. In oue jear, upor thoos 200 meres, thers ware no laso than 20,010 racols

## out hupe of rearoly, becaure the hal laven th













 mopory, nad hin buanose upon taking the (arm to
 homo mere held coum var io iorr it ancese




arruin zoil

 net hat himin $18 . . .1$




 hu bave ment in thin
lemati for tho 1 rm लert


 Whon theos mortht not ben qutte that detrese of laty







 beek for the motiton of Mr. Whekianm, Ea showld baty looking at the subject froe of prejudice, either at






## 


















 In mi lilu- in fir forie Lamb They were dapine









 dode mas a great mistake but the ar an

 Mrimitirn tran


 gatied almont unamimously, only two or threo hand beiar hell utp egefriti it

##   Mr. Brown baid:- By the Goverument Billan        




 Wire atterkad ont of litit ne of and and inn reanifitmi





 be monstrous to shatuter, had st out of ahouts bio














 It is pirice I het that of
 mito






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 $\rightarrow$ timethen, $30!$ wilhtiat kraster chent:" 1
















## $+1$













cits after to $r$ 有int



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 hone
 of th 16 I Feasy iand, (hate look very well, but the

 Harr.a very few swode ine town, We have beer - "g and are not able to overtaka it now, ownag - B are hleely to have a gead deas of labour to krep it esn durivR thesummer.
Although durtag the wh + rtrur w $r$ more hands






-ble for ong one to bo weli augualated with tatulinery

 W.

 it vation of the fuman uteliect If : the lacel a trathe of the fuman out






















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 Pman whe















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 It: f, , wis wn extrat forill the Prest a rmare








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 for montiot tman, uniesa wo hare warmer wealder than it has heer during the last month, Yresterdey and









 Baxprailike, fley vy Jhotatit Jome - Tlim


 Whil not be almat half a cror in many giarm, and a appear stucled, but for the lask twry or thete dayino appear had monse Fanal showers, whech has given it
 frok wit in most cesen, wad promises an abundant Cmpor atry



 workinf n'ght anyl ivy, bat therm is no thrk of ot lier manures of efery knil sudid ond ir tos be had



 price, biat the mintry is mout'y elcareld of thetn The bra ding imant rilly, and wn hame wa havemeen the







 aings for otickens, Gra Burrell. of Ipswioh, Mra.













 misht almast rema to wet up in frint that thep pre ze
 iney did mo yes for Ajlotbury ducks they wero betien by Mrs. Burrall Mrs Mayhnw. of Cheimafori, won for turkeya but
 "1:

## MIscellaneous.

 (1) ,isubley I I a, ung be.






















The too lang under them To drise them fram no bere A10 drathalit，mill kege una licall！slate of the

 thare as a close padjock，or grounl sper al y adayted



 the lambs of whith are rencraly yhe fest anll，i，to harer yast are for a fex dars，white leey will be ates
 L．ont－velected fut brcecimet［urposas are nich weaned as tury romed agm
Li iffor of ram and pure lambs for breming co is for the lent fixfreze of the dirmeneacter＇s sh 11 J＇uraty of Dlond and symanctry beti require atterthou Solse of our improved breeds are kept on palta not naturally adapled for theo，so that whet art faila to make up the dilfurcinee，less or more depeneracy 15 experiexced，and ther fall De off 13 often greater in mize than in form．
 weather pits warriry inl 1 warmer $1=\mathrm{F}$ frrom
 rins fort that tirst I ther，bit a sean llitier after














 krake，fint（lover at ible intindod fir 3 beat（ca）





## 新 <br>  <br> －

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## 供相

H－ 1

Boil in open juras at the hownesteat a Tares will require abont a pound o irrigatest meadours rot has to be
Por inis purpose a suranking of salt

 By thilla alemetrg to the
 be wone to obviste shcep rot
f 4 andler，hetry that rum res watchiog It

 intuptnt，whenerd wauli，d．utpel
 Hit aritullea．ths state Jocks and untea．thy stite Tricks and and to \＆or prevent these sheep aro
 U ：uf heap atio．
E．inhtis and Shearing of our Cheviot and List artin continute，northwards，up to the W．turar are in re especinlly the latter，and kent asubaly washed f，r foas or fite yeari Hectistomeld to the çeraion．A deen poolin 4t stratil frow 211 to sol yarids broad，with a loses ibs．water the ot ers follow，ore after the micx an hetheen the sueplerds as fiat th face or fult thmes acroase the pool comprette． es of whbling，natlout it sink．e cond ，whe In the course of a heek they are hars sherf，are was ell by some of our best rima hee a racs the trol，for the tarifild ter sabe ohalethy netron of the skin
 ney $x$ th tat they ppyer kire the applantion reti aluy，when hewly sliorn，sutifir frou hefand dutinie tias，and from colld temsat at than ret．res to be consumed to hets up os in of when is the wool，and thent ins



 ${ }^{*}$ Cuder bether wheliar to slicep than 1 ol kis 8 and iser tise sater ther：s is frenuontly a ists ．




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oxtrome weathor but 1 Ltitue an bo dove out－al－doors，is chonping and proparing rilh for fenclng toi But
whan
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 regotable mattor，mod apply it is at de in arn rem，

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FOWLE，PA PATEST STEAM PLOLGR








## Iron chaterias．









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Heating by Hot water.


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 TEEESOM ThROTTLE VAIVES




Proe O, Bankides Butuhmarti, London, BRE.
 - wit li juphe











3 in Heating by Hot Water





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 li im. Lorduth
Antuxed Mrotch shors Javs*





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 (itirrey yide Black trunss Bridus)



## SHANK'S PATENT LAWN MOWERS FOR 1869.

l'NDER the pitronage

AND MOST OF THE

| I'NDER THE PATRONAGE <br> $0 \%$ <br>  THE QUEFN, |  |
| :---: | :---: |
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GBRAT BRITADH.

# BHANKS'S PATENT LAWN MOWERS  SELF-SHARPENING REVOLVING COTTERS. 

Advantages possessed by no otLer Lawi Mowers.

## H \# And fatine.




| 10-1mea Mathno <br> 12-ibuth Machiste <br> 14-warth Machme |
| :---: |
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| Ewaly Wortoct |  |  |  |  |  |  |  |  | $15$ |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| 53100 ) 10 | 16-inoh Muching | * | - | * | . | ** | 810 |  |  |
| $4100\}^{\text {b }} 30$ Lady | 19-1neh Muchung | .. | * | * | $\cdots$ | $\cdots$ | 715 |  |  |
|  | 22-ineh Mechume |  |  |  |  |  | 819 |  | 8 |
| 6100 Byat $\mathrm{Sog}_{6}$ | 24-1rah Mathime |  |  |  |  |  |  |  |  |

The Uutil Mnitures are .ll with Silent Morement,
SHANES'g NEW PATENT PONY and DONKEY MACEXNE,

Prudth of Cuttar
25 -itah 3lachure
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TYRE BOXAE HORTIGULTORAL BOCIETX This Exhimetind FRUTT ADd FLOWER BHOW.




號

 sfer paymuat ar easel,


Juty 18th to 24th, 1869.
THE ROYAL HORTICULLTURAL, GOCLETY'S HOW of tob Ror liv AGRICOLTORA

 OARDENERE CHEONCLE ATDAORCOLTURAG OAZETTE





## The ©ationergetwomicle



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 have the cortanty of obtatalig a prime price for the
 the English pound weitht on boarl ir ony purt
 Gzorfeoy St Hrtifag laseokaly given me
 can forward $\overline{5} 0 \mathrm{lb} \mathrm{lb}$ or ang , arger quavnt.ky at the above
 and a tusbiae made, atid if the rezult is succeasful, an I boper the quesson of Alantas growink on Il bo resolved, and a great boon donferted on 힝 Bitrope, whort these oultivations hava beed tried." I shall be happy" oonthpues Dt. Warlice, "to recoive cocoora from any experimenter in Almptiouttere to add to my store which I propose shortly to forward to Mr Campbell. I trust he will soon obtala sufticleat nu mbers to enable the ho carry out hy experments, and thereby remove oultire, via, the hitherto unsolved qtiestion of pribe, or, eulturist."
 but wo cannot ghut our oyes to the faok, that us both tho Awathos warim ary ith, Ya $2 k-\mathrm{m} / 1$ ara群 to by Dr. Wallace could have been Fery eesily removed, bofore eabarking in the industry, by getting a supply of the silk or coccons from we cannot resust the comalusion that so selfevulent a precantion must have actually been taken by bome one or other of the mary woalthy and shrewd men of busaross in the falk trado in F'rance, when the very existence of the staple of therr trade was threatened by the disonse Wo know alss that some commercial trials of the silk of the Indien Fariotios of tho same moths laye taken place. Dr. Royle rocorde thein on hid "Ropart ois the Resources of Indas, aty oxh.bitel at the Proneh frhebition of 18 s.s," and as, notwithatan ling
 Wishes aro stronger than otr thtsepato ins of the


 shape of a valuablo fabric, bring obtatnable from
the culture of the Altantus, or the Yama-mai wo aro far frotn rogarding tho experiments of
Dr. Wallatos and hit fmende as throtpa away They are interceting in themselves, and may be of givat importanoe in aseinting physiologists to eqcertain the true nature of the pebrine or ailkworm diseuse, which has been so fatal of lata years to tho silk trade. For, sugalarly earough, the durense has now extetided to the worms of the Yama-mia, and Dr. WazlaoE's broods, tried hare in 1867 and 1858, chiefly anocrimbed to that disalase. To har thus amplenppportunty of isturlying it, and althourf its utody was not the speriml prypose he had in fiew, the careful dinily potes which he made, and has now pablished, of every circumstanee conbucteni with tha ireeding of these insects, their health, and the influencos affecting 1t, supply the vary information which would have been asked from those making a study of it. Among these we fiad Farious importact fucts bearing on the question of contagion. Sumn of bis correspondents wh were entrusted with, or were angaged 10 the task of, reanig the caterpilars, express their cmisction that the disoase is not contagnis, referting tho sumultaneous deatha to the ocenrencen if common calsan affecting all alikn, othoms are equthy
 Farions fucts nmis? those wouthonel by Is Wablact, anl remally ty othersi, whil. woald semm to ablin nta smantherg moro than a common
 broods of Ynma-ma) first showed itself in eggs of French extraction. Now, $4 t$ so happens that in 1866 (the jear belore Dr. Wallace got his egge), the disease showod itself in Franee with ae grest virulence in the caterpillars of the Yamamais in in thase of the Bombyx Mori, or common silkworm, and slmnst enturely destroyed the whole btock an France. From the few that surnced a amall supply of egge was obtaned, aome of which Dr. Waliace got in the epring of 18Bi. Le sabsequentiy, in the same year, obtaned a lurit supply from Japan, where the dseatin bus reit yet made its appearince. (in tha lith of J ane the disease rplitered in Int. Wallach s lot, among the lirench ones, on the rth of Jaly he says ."July 1-Two more dead, othera pwpered : Fery hot weather tomperaturn giren separately) July 2 Another peppered. July 3-Otherr blotched (all F'ranch). The Japanese soem
healthy and foedrag raprdly＂Bat this did not last long．On the fith of July the Jupaness
 lost the whole of theth，oult of hasang men sent the chryadazat＇tn fros whath，howeral，it nerper emergerl In lacs bo whe tat thore tortonater

 of a multitule of other amatoure，whaso choushas tronn be gives thern weres setat exceptions l：the generas futality，to whuth wfo what immednat＝s refter，but let in first ohacerve that in in $\mathrm{m} / \mathrm{h}$ ？ disenge in some matanefa exteri leal itselt to the
 Were bemg bred along with thetn

One corm spomilent writes．－＂I am sure the digease min infentions atid ennminteated to Paphin，Frlyphomur and ather worms， Another wrist＂FFo remarkod that is fory of out linimby A Mor tied if the simity disease larrote，espechully N．treputa and N．lumara， which were kept iu closo proximity，died in a eimular way and I never remember such at occurrence before．＂Another．＂I think the dieesso 10 fectious，it extended to my B．Cynthia （the Alantua worm，and many of thom dul 1 in the samo way．Agan＂ My B ．Cyntha

 am arel．mul to thank the lasoast whech，Wa日 the cause of the death of the Yana－man worms，beitigy Allantus worma，wad＂ T am the more nuchanel to thank thas to be the case，from as trak af common silkworms（of ray littlo daughtors havicg the same aymptoma of allnoss，while
noother tray kept an another room came to full perfection，and two which we kept back ant icen， and have only recently hatched）are also quite healthy，＂antl su ons．Un the other hand，those Who take the opposite suew support it by equally neute obecruations．Unw of Dr．Vackar b ho＂wns hornfied one day to thd a diseaged worm un close embrace wath a healthy one；he eoparatod them st ones，but the healiky ono eppun ita cocoon and eubsequently emerged， inferenco may bo useml againgt both fietw， 14
 DE Quatazpaoss，and varions ofher obsacyers，
 apparcritly by the same dispase as the silkworms． Tho eprdeme hes rema ned for Tomby x Moxi， but aleparted as regancis tho others．
Last yert（Iblis was a wery exoeptional year for hoat，and the concurrout tostimony of almost all the exporimeaters seoms to refer much of the mortality to that canse，but Dr．Whasace was as unforturate in 156\％，and tho French as much so uri 1866．That a partieular state of the weataer has something to do with tho appearance of the discase seems more than probable，so is lahed itself，that it may be（not necessarily muat be，communtrated by breathing the sarmo satanted arr，seomst tourably well proved by tha b ．rata t．ons atore quoted．IIr WiLh tce＇s books sho du
be carofully Bubject Notwithistanilng h．s bad success 111
1867 und 1809 ，we see no rooson to think that so far as regards tha mere rearing of the larrie， if the epsuemxe were out of the way，there in eny prism．In $186 \%$ ，while ho loat every larva，his ＂phithaut a sungle instance of dieesse of or this slightest cherk．＂His，it should be raentionod， were of the Japsaese lot，and hard not beem notiated by proximity to the French omed ：and
 haning＂kellow thom witri，kiulnesis，＇it is certhan that what une fann has dine another may do， antit ouly requres timo，instruction，and chari－明 Mr Gascorise．That，的 wat hate alrcaily said，is дot the rock ahead which we ferr．If the Eulk were of at good a yuality sat that of Bombrx Mori，we thoutd invert in eggs of the Yama－maj to－morrow．
－Wer pre requosted to remind those gentlemen Who have Papsis in hand for the NANCgisemes Congrese that it 18 now time thoy were mat in，worder that they nty be ine aded in the programme





 arrici arit under the nusi ters of to o Serentrit Com－ mittea，are unw knpplemert tel by arti ar suries of

Tle varietieq them for the experarirnt
 miniures on the shlour of tia raves，and Herald of the fowers．Frir plants of egeh of the kinds natued



 aond $;$ for box 3 a mixture of sulphate of ammonis and fhloride of anmmotil i4 emplafed，for box inatrate of adn，for box 5 a combination of the manures used in

 unma inead
limarly the

 fruits，vegelables，fish，the Soc：ety，and rta saveral com－ mittees and oflionals，have plesty of work on their handi－work，too，of a obarnoter likely to be very serviceable both to the theory and to the prastice of liave so ofton longol for－in experimental garden


 thesphathrisit ritreerymen the Gold Medal，for the superiority of this year＇s digplay，and for the masy Roveld es fotrodu al by then．tas scason．
－Wee are informed that Mr．Satres magnticent

 nut short，ecture on



The experiment of probonging the Deration of a Provincial Show for fisa diyn has been revently tried at bTVRY，but wrih litule succass in a finanual


 phata，Mr．Grigye was awarded the palm．
－How to Kzep Agparagus fresh，Theplen re
 jajor of Agparagus，then a stratum of earth，Asparagus apain，and so oll．The method 18 recommended in
mases where itho bed is so small that sufficient bapnot bo obtained for a dibis at any one time．By storing the Asparagut in the way juzt mentioned，that，whioli has
prother All worts of wild notions have at one times or
 nto tha belef trat the poth ite are sethed diwn meurstansent fer the uds and vonno ahnots Ther of lather verome harci－nearted as they grow older ase haside hu ala br jpa do．The pith，no louger of ase lases tas cthice，and either disappeara ent Irely or romaing lermix，The alish uf conceronar self．Such are，in ganeral



 siderime the mage of the eclls of the yo th as beoo for course of time rert it wexu it he the we at the wery edge mini，bat in most euses there is an armmeture bes in active cells with lige dend ones M．GEis terma noply




 M．GRIs＇sifuement，hy contrarative the pithin various staies tlants．

## New Plants．



An chegul citches，beating very lag darror lem with yor coresuce of yellow－whito if mex mant
 by J Day，Ein the th
 hapo compared tiac typa of a．the deariood the from a 1 of whisu tive preserat jhitio liders I Reth．fil．

##  <br> 


Fatermbs
 Oaxach，guthereat by Farsinghy ind from frapiat

 dive，the lip white，in fire－eccloured it in the The fate Dr，Landey，who only kDen a fer lona





 Cotusis wnet hat．，to thas th w．＇t utppuris

 plant inte y at ilas IRos
－Pesoatomea Wallisit，Lind，Roild io


zygurat．tumi W：ilus）
 bearing a large y reams－coloured flower，equiltax
 violet．It is vary d．Iferent From the of hex it tri unplungs，only hinowa froms as sintas sper of the annturlur alp comered $x$ th narts．ius pual



EYERTHEEN BERGFRBIE

fron，of beats and horders．
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## Regyster

hardy，wis little renankent，tast
of ths shauts be rcim
al deve up as new ax．l ary b
destrojed，so that of trijured
remulus II a stanted state．＂Howerer．w
 anumerinea Lave stren uly crowing tals The plant, bowever, is so very pretty The piant, howerer, over a tril ${ }^{\prime \prime \prime}$ crety tarden, and certa. Etse often el whe in attimn to reveral Fis often cl whe do ardi a brown to decp, kes mixtare of 1 at a.ad cands ardy. -A very handsome, rathar free frub, bearing a general resem$\because$, the differenre, according to 1trex $\boldsymbol{L}^{\prime}$ thisis trim atter

 - lam witha atto card, atrl anotary opar it Figurent in Thes firfr. - rine of the moat beautiful of on nur, ine siny tail for whit cuitare in


Lata: $\begin{gathered}\text { and }\end{gathered}$
 I-rwer 1-stres



 1.7.al lys.

 i. erg ajpentary to be very hitle knowa of
 - t , enntimim-lromitico mira is of
 . *is: phorer iomng shouts and 1 arjale flat eaves, fringed wilh


 y W.LII CHult
 anar Ir ss spectes
1 is tit $x, b$ witust in the sowere al atrethlt the or conservalney ar erafr iname of the $f$ 2racrien
every collection of cholce everireen morn is s doubt if it will dtand our govpers der rup Firs rify mstuneser

he wrotr kears from Mr Lobb, throurn Mosirs. more tender ther, that thas spectes sull ho foubi 1 luch


 "3 thinul "ty afras.

 alres le not ${ }^{+}$and


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J.J.
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## 1T.e ( (atac ()

## TASHINGTON PEAR.

Tuis is a amall sarly Pear, of more than average merit ns regardis finpour, hardmess of oonstitution fratminess, and zeneral usefulizess For flavour and the texture of ats flesh it ts aitogother fitt-olmas. In 3upparare, owperr, it 19 greatly want byg the frath ... per era, beng small and rather serubby, the ont here given hemg that of a fu - sazed frost, win $\theta$ antas of thern are ronssderably smazer It maj be th a


 Clour Aas lie fru ie ripen after be DK ghthored, the
 ratier sumal, will segments eront, opan. Filest whte, perfectly melt tus, very juicy, the ju ce meli and aweet,


 paler © latirend wome $+x$ bandanme zong kyuree than the common ratiety
 It in a anger entfes wh eda aro "spinuloso-



 vin nax ars ma : for and mote the sumam t of

"i foraval-Th s very acion a Jnistal कn) forart has becomo burzar ce lifna plant ts boll ant is lessea are jogjer and
ang atier hmple-latred ape ind
 rea in is the apecte's lans become


$-\boldsymbol{y}=-2$

Growers of Orchads, end espee:ally of sucth Uroh do as will bear cool treatment, are on the murease it . well, therefore, that there Ehould he a proper nimdermieane, and, $I$ op be, bot the morst was of arricime
 of the whole of restron, based, of ciarse, nitog irat al
 tome, and elsewlirre, there bave rean mush trath or safe advice propounded, whil sonze error-a sood deal of srgument based, , the sequel lins shown, unou
 and devoters ont ciuated Far hit it for millie writer to cham any thang ikn the mantie, not thitemt nf int essajing and debating ruen doubtful pernts, the best of us zinust be aware of our shortmmings in deal ce at all With subperta thit ifo best poverners bs the natural laves On the other band, at would not only be impolitir bit imprnper, in the interests of
little muskr, wery refreshing, and aratefal to the halate. Tree hardy, and a nrolific bearer ne an orehar and end senzon, berkiling of sez t mber is in the the Secsel, ns they fill from lhe tree it is however better to gather tham when they begin to fall, te by that means their season, as promiged, and they aro the tree.
This as a Fear of American crym, as its name impliea, ani rather an old oric loo zet it was monethem or other bern stranrely gighected, sud is at the jrement t.me almost unknoan, huvink been pased orer if
more showy but legs worthy yarienes. To gur know lodge thas never yet been figured or desaribel. We haze however, threa manuscript notives of $1 t$, bef, asof it wh the highent terms. To this re aild our omi axperience of is for several years, and beartily reco it mend it ma a good and useful carly Pear. $A_{4}$ is' ${ }^{\prime}$ for.s thed Pume. pasf

## COOL TREATMENT OI ORCHIDS


hortweultural progress, for al, to reman kieat when atfice, if it were tediere, ,




The brot tration atid 1tatitas trait, of on the subject Lut uds vilic unaer, to watrrahref. is that of the Monser, Beathousa, whith, so (ar back es D. 171, 18A5,
 rearodused, under per: r reuusulances, at p . 109



First, I bold at to be no eriter an of cultivation an ts widest and brondest sanje, that boenike certain panta can bo exposed ton fer degrees of frosb for a day or tro, or even for a week or two, that s.milar treatmest is What should be simed at under our artificia! system of cultivation. Scoond, I hold thats diferent lomalities, with correrponding temperatures, period of growth and the potrod of rest intart premise dsfficulties as to e common line of troatment, partietu-





 Mamy, 'hat for' Meit nat most it the tramis from Braz I, 'Moxten, l'er 1, .'am tremala, Iepal, h lathya, (Inen, ard i calsath, vourlums that the Urd hids from the we rematrien "w il heer a th wiperstiare close upon the freezink peint without in, ury
the fuitisatame of cool Urebids in thas and obher coantr et bave certsinly erred in expmeng many a rich
 by ribsthen, that ha dhungime in the extreme to tbe ronstituthu of tieptarta. T' P Hesers hazkhruse, to my timanik, are errins in the opposite dirertion,



 come out of an ordeal of exponure to cold th. 1 "iler Hichtly allored manamement they would ghe il 10 . a monstitulion Peruvimb planta from lagh altitude are hasely onough, sortanly, but the artan ral treatrment is a sufe direct uth. \& litao extrit harimtin thay do
 oven presume npon hrater cround Take any of the Orthids that bsvo beral proved to re best under ouperlatively coo treatment, nud I will muarantee to any krower w1 o lins a zand ratonale of practise that the equinf if nm intter : tatithullis Cigure of hy tibrewtar if winters were pop-
 excess of tho best arhi mal that I rime lethe. it is

 pint of view, might be very alefy left in an atwanaphen oscillating between $85^{\circ}$ and $30^{\circ}$, if the preudobuibs and rode hatpubed to bo in the dry order, to wo proresurons.., dubl a, li,t I should bave great doubta of envink them in an atnriat ie of that kima if their bhyat ond ition were of phisteriameler 1, os ati undrudunl, mosit equha ? aver that med wintar temperatures wil in oo w: mennmon the conat tution of these plants, but mat drate . . warm rimmet temperat ares usild dh co. Clisre hivi been mpre flaris Encrifised by the heat of sumabr pitel firm limat, as opplied in one or other of its forms than ever bave been nhed by minnernte untir or rast bot tany pat the





 benpirnture is not a.sowed to fall mueh balow $45^{\circ} 10$ tompernture is not allowed to fall mueh balow $45^{\circ}$ in winter, for glthough many have survivod soral but not beru round adrautugeosa' As to tho secom ohje:ty imbil os apot the

 debatini, thero cansarefy bot over tho groumd, ond corisequently liazheen der re witipl nuare nf mating it atornt miat >milar



 perlions of I nI , linw etroind a mig the cuazta being scantug filluy ed with at ratate $a$ ithe lofty pastean


pont of view. Compare and contrast tios with that mild, monts and withal cool region all around bogots, in the providoo of New Granads, (ramn which socue of the most beautifal Orehids bave been akea,
 gphiding diversity Tike lial portion of Vex, co whose alled to the hill res uns of Peeru and vow Crenasi and what do we fin1. Sreat fl ictunt ons as to droizgh and masisture-so great, ndeed, that mady or the puat
 on tha kind makht be multipled were it necessary, and und tullr space perm
But lot us unvirure how plants themsetves that slow a di-position to be of a liardy const tution, capable of
standing a far degree of co.d, may be ufires te under Varios conditions. Joke the the Flor do san Josaph

 at hus tongue's-end . Betanase the plantare rest duriag Dur whbter. Their pseudobulbs are ripened hle the mature whod of the Grape-vise, but like it thetr youds Erom tha would no more resist even a stated temporatare growth. The same retrarks are pphlicable to the Unerin im bifol, um, the iustralian Leendrobium ypeocosum, and the Mexican Catuleya e trina, An, but from 11, fin shed state of their frow the durmg out dorly, drill, restimg s+asnn, th ey may be safoly treated to a merr félows foin preesely smanar lociumbey. The Permian Odnatoglogsum roseum, one of the pems maturing its growth durasg antumin ard water, and y leldadits athorescerce at tho "Lurat of the day, Wr
 species, nor the yow Urebidaz* Odontoglossum coromprimis, althongh it revels undern maus, zor in fact, atyy orio of the lot lron turat Incal, ty, betruts It is therefore absing nano moonsiderate udvice to tell thoso who trust for information to the fead, : R Journals, Lhat such plants ere best cullirated aud wiutered in houses of low temperature
Thore is no rule without axception, however, sud I have been acod deal puzzed why ziee Mexiun ylossura nebulosutn, aud tha Poruvinn Ongidum nubt-
keruta, unl ha a, the, compers of

 $r-t$ beane all if m letter limel for sinding forth

 invested wilh is vigour and prow of anflorescengo whech to the Orrenophatit and the Orelind culturist
 that ever eproplistal Grch Is were treatest to, funt unne of hetoriols Jooth to the interested and and percularituad of the Orihal faruly' ma tst be 81 b mutted to a ernita. test at home bofore any extreme pratice $s$ resortel to
Wild to semancians if ng lake a clowely reasoned debato
 from Bras. Mexi M, Peru, Nom Circtadz, Nepil
 does not recommend it to bo traed, but if it was his eapecially sis it might have $n$ tondency to mislasd a few, probably mucy, whose eforts mit cultivation have been
 oo perpetual cold. It would have boen, therefore, hanere particular bilutudes, rather than great stration o. untry vastly d ther $r$ g $n$ phiter il monfig atration, had
 criticloma, arid $\pi$ I osen ar Cattlesua will bee in a a abnen only Cattlepas, it is Afritomes, Lycaztes it is no
 all thet ras Decessary to vourth, accoring to the adeas of of the countres shove pave coma from oue or other of the countries above named, and that consequedtly ingly, with some few excel houses, and lreatod accord Some Orohnde trat reptions
pood deal of mdifferent difacuit to cultivate; it takes a conce let them mat oust prastice to kill any of them, but and I know nothing in the range of heordion
 It Pearce ar mi elovation
subjocts thet requires more time and patiense, and skill if you like, to indsice a better stinte of things,
year'a bad management requires threc ficars grod Yearapement to get the plants oorrected, nat up to therr fenger of timo upor in tiouse of erea cont Oreunds does not take tromediate effuct, if ono were to jusige by mikedate resulte, to only becomes appareat Heoks and months pussibly, arter ina mo been Fisited with peoplousp of this kind, and did not know the cause reaults having tarried so long before meufesting thoris relves. Is it not, thorefore, menntbent upon us al, driftes into Orchad culture, to ralse a warnmen vote ere it bo too late, within heariog of suct vetaries as ere it her spurs to win? J Anderson, Jleadow Bank.

## ABL'SES IN HORTICLLTURE.

THIs inequiry 표영 furthor gons into at sinother
THis inctify res furthor gove taken their seats in cliderly centleman wai set a mov art to the front Gasilewen, through an mitirmity (which $l$ ams sorry 0 郎y has got hold of 80 many of my uld mamber of lme at your last sittig. 1 to-day to protest aganast the practice of caslag ua to the hedges and ditches, wher many of us hzve gone out of the world outrinht, and altang to at the manid for colour. Take may wor for it, gentlemen, these strowy thags wal wear out, have lived long enouph to see many things twase aboth instead us, we are 1giored, and by-and by, when ajprove us, wo are 1giored we are wauled-as beleve shall te-we shall he found to nave fallen half a century behund 'like C. Iave you a remedy to propose - relier, lat larye beds in order to salishy thosed in thashonable tazaen of oolvur, in which we may be planted, and then we shall relievo the mad as woll as tho eyo, and refresh the eanses as well as coul the glare. Otherwiso, let us nave a garlen to oursolves thry, ass of yore, thero shail be a flower when needed, of every shade, the yehr thr rouph -aye, sald the old gentlenam, with oniphasis, nid wher odour too. rest mane
 used to do-comie djwn mong us, stady our habits, admuring our paried coasars zud pon sillings, breathing in out perfume, sud we in turis givitur back health with pleasure. But, gentletnen, rudsisluality now 18
 beliave I have the whele florsh world with we when 1 asy-that in a flower garden, in the placo for flowers, nothing ahould be found but what produces a flower. Goutlemen, as I have said before, thinge will have a twict. -The odf gentloman, who ha't been by many

## 

Mr. Erica Carentishat who seemed to be tuo leader of a iarge number of fellows, was anx antu to say a fem words. He sard Gentlemen, it tait boen with somedilt ya, $n$ to all those who listen to hanht and aze ${ }^{+}$ladeed this st the burdeu of my request, that we be not the trouble of fetech. Dza pair of steps to sec, ust ong side of us, and in tho atlemp thas fallen down another has sis rratched his neck to meta slaf beauty Why, gentuemen, eliould the p.easure which mang deftye from us, bo attialucd throusta 50 much treuble end pa.n ${ }^{\text {F }}$ Let us be grown sothat wecen be seen axa whole, in potethel can be easily hiftad nbout, and wo shall get morea imirers, ba a credit to hortudulural kill, nor serim 50 wheth trouble at homo or thread All present wera evidently glad whon Mr. E. had thonith at theses perpexed, he miade some stranghtor mard remarks. He asid Gentuemen, I question whether am, d all the queer doctrines land down, and the quackery praotiscd to make my irust pleassint to the cyo or eatable, One goes in for slestana.e wrul i consent to thrive stornming the for steamiog the bottom, snother for
 at the bottom, While the top 18 suffocated by hoated and and aggin, at snother plece I amp forced out of myself bed is gaily drossed, as if to keep visitors outbide. Gentlemen, I must, euter my protest rgainst such practice. "II Iear, hear," from Mr Peath, who, when tolanelouy look, he mished to enter the same protest
 tuen, those paud y dressets rascal3 are hatheser
d sgure. Who will tell me they rob yo hest? arr they are worke that robbers, they leave the germs
of death lonnd them in the form of Finge xeep these rogues iway, and peopis neod not-lf the liner outndes but rish within to be athended tobeard so much about. The C Well, Mr V V, what have you forgy with regard to other matiers you have hinted to sive advino suitable 10 , geatiemen, qute anppanable remarks. In can therefare only thake a fow general romarks. In tha fitat place I would asy, whatever atoo Let me not be cramped and disturtad, with n
my sap cuatuals cuntracted, hy gtarguthen in yrath

If wanted to sield my frati an mprag. tenam ord mary coursac, tiz, sutumer lenas doles on ordation colfze
sures to eat ar we kip. Provide tue beoman pnasible, and $u$, more. Kepp mis tuats and sib of lrom the tis no my froit wanted again hou woild be surpipa atel The
 sprent bed, gentlemen, and good food but portant eisentials
siarrounded whatever theese astaneses of ni If waiteut only in the naturil hare daspa musch as possible, but do not rande is

 me do not aitogrther feed on air ef us by
 no response to the call of the Commonome for the prestont. There were, howeren, culture, gardenors' freparces, dis, in ity


## 

HoDeydew.-Mr Aadclyffe's retonts on beauliful flowers, as coming ez eathetri exceltent correspondent lidat not man, fend homeydew. I trust, therefores that hg bil for tho remarks I am about to malch Yes
 tre product.on of hacerdow. Pisny mided
 Ohhors have smi piace that atriosplere, and trat it fals lake der upa
 orersEadowed by wa uypher ones. It bas be

 Nerther can thy lealkly lear and electrical chatigo ari the atmouphere and



 he considers "it a notling more fan

 proof
 it ts asuredis pro 1 weed by aplines, bud hy
 cover nl, the leaves of all the treas of a coren Fiserd sad succliarine zecretions, ind is on +5 to bo foutid wnere aphides stre of
boen, for they always preoode to formit
 sitstonance, and eject the wiscul semelury from their bodies, and that wis leat feenitur Thas real luc fa is in minu upun the leaves or any otar I bavo ober these smal، round + tux dropa as me glohular appearance ay they spresd ad

 aphlides eject the holreydew drops,
expermen experiment of wiping of the
and placing over it of $I$ fce of mitas
and became sn a fow houry syrikiced an on dew, but
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Lim as to the objer

нг:
have also been rery fine, exoept one plant, whuch Fal
aturted $1 \pi$ sturted in ine manner indicated by Mr Fish. EDs. currilinear beds on lawns are often much distorted after a time in consegrences of the encronchment of the Grass round their ceges, and mitaout much care in
cuting it is almost mposible to keep the original
 before your resers a simple plan to remedy this, and
effect a saving of labour. The thought struck me that some kind of metalitio ltring would answer the purpose, and about 12 months ago I thed the experiment it my thome garden, the result of rhich is very satisfactory
The following are the instructsons - Edge ronnd your llower-beds with a perfeotly ever upriget out in the Grass. 2 anches deep; let into thes cut a strip of stout zino the same depth, bending and fitting it exactly to the shape of tlee bed 0:1 a level with the surrounding
grass. To keep the zinc firmly 10 sta placo, drive down grass- To keep the zinc firmoly 10 its ploce, drive down druving them low enough for the tops to be covers d by the sall of tha bed. With a hitile brown pand brush the zino edge, which stould be lefl 100 h deop after the soll 18 replaced. These strips might be down; they cost about id. per foot run, and are cut from B-feet sheets of zine, of No. 19 thickness. The moalag of Grase that escape can be vory easily chipped off, so that even a lady gardmer with e pair of selesore may keep the edges of her beautiful scroll-work parterres in perfect ordor. Henry Curths, Derou Rosary,
Manure for Tranaplanted shrebl-Will you kindty tell me, in your next Number, whether I could uso with advantare bighly diluted nititicial manure, such of larke shrubs. About a yearago I removed a number of very largo IIollye, Yems, Bon, sce, and, though by dint of constan wateriog, knot mast aummer, thay shit seem fery feeble and through last aummer, they shil scem yery feeble and to be the joss of many of their roots, $\frac{3}{2}$ Lows whel even to be the joss of many of treir soots, in lows which even poour. Solme sorts of ohemtcal manures are knomr to promote tho formation of fibrea st the roots of plants. roots I skell parase them to tolise leaves and recover their healit. But. will you kindly teil me whether I can with safoty make the experiment, and whath se the best manure to uso for this purpose? If fota can give mes a h,nt or twn, you wilh groatly oblige 4 s Ofd mention, be inclined to put more faith in liberal Fatering or in mutching the roots with coroa nitt plinaphate of ture, 1 to 1 oz, forked into each square
 ditmeter, one luf tnches, were bromght to me on the䧇d Juns from the meadows adjonning the Gyeat

 inp a plant in my posseruron may be matera3ting. In 18ib it became too large to be mbeltered in the greengravel thi, Jan, $3,180 \%$, the thermometer tho previous mght registering $15^{\circ}$. It wis then 10 the frozen state May, 180 an Not reeming a bit the trorso for ita unkind treatwent, it was repotted and replaced in jus former poition on the grave, where bis remata in Deosuber last preseat time, one po was one buy the wite and left the roots ex posed on one sion 10 the least, The plant was ropotted io March last, aud has now four flower-stems 6 feot high, the flowers on which are just expapdıng, ifthiam Foster, Strond.
Abies Forinala -I am induced to offer a few part culars es to the sixa of a spectmen of this noble Fir,
which is prowing in the grotuds of Mr. Joseph Smith, which is Rrowing in the grotands of Mr. Joseph Simith,
Sholsley Walsh, Worcestershire, near to the river Teme. It is a preceful and magnificent spermen, developed in all sts beauty, and sparihng in the sunshino with hundreds of th wivid kreen cones, from
8 inches long. It measures 9 feet in cirrumferaneo it 1 feet from the ground, 51 feet in dinmeter in its
hranchas on the ground line, height, 110 feet the bnto hranches on the groand line, herght, 110 feet the bnto
rises as feet without a bough, then branebes out tritu rerest strougth and rigour, giving to the trunk the appearance of a greater pirth than abovi quoted. And, and on one srde dip into the whters of rull whuth is constantly runpuge, and flown from the wooded heights behind. The tife branchlete hang down to the length of 15 to 20 feat, which gives a very elegant efleot. is he surd from the north and west, but perfectly exposed to the south-east. This tree is supposed to heve been planted for upwards of 300 years In some situstiona this treo is subject to have Foung shootz destrosed by early spring frosts. mithatanding a.f drawtaoks of thas sori, $I$ bellave thes situation suitable where the Morimed will be found to do woll, and display its great beauty as shi omatnentai tree $G$ TFethand FFuley Court, June 2s
Gigantic Anum from Ticaragus. The paragragpl, extracted from onp of my letters, whish you publisted on the zith of februsry last, zoout the Bigentio Amid discoveren by me in the mountains of Nrountia aot only of the Euglish and Continental
papere, bus also of the Amariona, end been comerented
 of the dumensions of the plath that 1, when pearing and parapraph, allowed giny imagination to Tha riot and was dishing un a mere travellerts tale. Bat I took the precaut.on to preserve the flowerr
in apirt, and to send Mr. Willina Bull fine rbizomes of the plant. Both of the latier England only on the and one of thear, reocived in of proming that I rathor moderstated than a fair way the case, It is in a pot of only 11 meches jo dumated plant the isth of June the petiole of the lese (the
 roped, and I helive shat before ther communication seag lie leght the petale will hera attained more that 10 feet, the height at had in Nicancuas. It looks like
 upright at the command of some bastera odarmer, alrendy exceeds the larsest recorded promeniont of all other Arondene with a like dabit and, when larrest Accoped, hath in tura out to be whe $I$ enid, the have cognienuce. The flowers being hemaphrodite not 1 chinacis, tho giant in questron cannot be relerred be liastera hamisomere, buth hou prove to be elther a genume lracontiam, or the represientat. Fe of a closely all.ed row genus, whech It mould not be the first buberio nomo we have in botany, and probsebly not tha last etther, sne who Corporation, I may do ${ }^{\circ}$ Berthold Seemanm,

## Forefig Correspondence.

The Sphlng in Algeris (cominued from p, b39), -Tomiol is a fortified military outpast and atation, oooupiod by about 3000 mod, the sotters who miniater French call them. French call thent. I estum thed it ou the road dees high into thedesett, Fire miles beyord all tree or shrab yepetation ceasess, with the exception of a Fow wild Jujube bushes This shrub had shown tself all alozg, even an branckes, tivired in and in, and lying on tho ground hiso dead brambles hare and ilkere. It followod us to the top of the Athes, an we were toll hat, Rlong mith the Squill, it was the lait plant to disappess in the
ipsert. It 18 clearly the thorin Solomon speaka of Irnbs as a protect on to they carnpe in this state later at throws ond Jemses, nud recomez pale kreen rises 7 mountann peak, 1 an) feet himht the poble lianks stmilay 10 all reapects to that maich clothes the Monn
 rod took me and my oomparions intolloo midut of of tho Atias rangls, A truly florious sight was thers Cedaff coversme tho mountan's Janke, the tro iowar rudges we had crossed the day before, the plain of the
 our feat, covered for a fems miles with scrubby, dwarfed Hex, then geatle und alatiog groen with Grasg and corn, then a green Cat plain, sac then about 15 or 20 males the far-0II southenge hor zon was a ndee of low tains, seceral dayg ournoy off in the desert, and inhabited by the mild thousreng Arabs, the conductora or milagers of the camyans. The abundent Finter and poring speng nins, precipitad by orm the marin of the desert with fugitwe grases and verduse, but no alhroh or tree could atand the plare and heat of the stmmer sun and tho breath of the desert lower than aboat 1000 Feet bencath where I was standrag. Protection from Date Palm can bear his rags eren further wouth, in the desert itself, it is only on cond.thon or protuse aud con-
 supply of water, sufticient to irr gito constantly crery They The Cedars are minat majestic and renarable. from 21 feot to 30 feetin circumference, or from 8 to 10 feet in dagmeter. The forast belongs to Goverpment, azd many trees are being cul dova to mate Bleepers
 Was guamelled With flontra-Hycinthes, Naroissur, Honeybuckle and Bramblo grew vigomas fy from carities in ofd Cedara. Perfisps tas gear been brought by (1) the far north for I recogn.sed tho note of burds that regatarly Fisit the P. ne
 thermomatar, even at Tentel, mis ind We heard the toucan sing, and sars many asy and erowf Thero beriming to put forth their new. leaves. In a wort Flistst sitinag under the shade of a Cedar tree, and loking nata the ereat desert of Sabara, we woro sur-
 of vegetabla decis for thousands of jourth on passins
it through my band I most ardently wished I liad au Whimited supply of it in my rocky garden at sentene then $r$ a' 1,0 , are
 tican "msqurs, 'beauthfur as at is at therme of tae sear With its myriads of fiowers, aminnt wach predominate The profuse yellow sikes of tha Broom and (shest that oxtended frgm Mhanain to Uran, by orleanshand
 ene das by ralrond, about
During two thirds of that instan e wo
 valley, Very soon after lenting Hanimal, the geolo
 same character bejude, both north wariss to tae sea, an



 reamamed, and Lere st o o ower lat tude it had become covered with freslit green leaves, and was quite an elegant shrub, 1 antend of s mass of apparouthy dead thorns. The hill-ndes eeessed to grow trees, witn the
 praride or stephe coyored with ret rank herbage and
wild fowers whero not calt.rate] not a trecto lo seen for mates, Aleng the road and mear tho villages
wore snmo farms, and lere and there


 Acac a, Plane, Arrect, \&c,-alisecmed to thrive and fr minsh The puzzle to me wa, and is, why did mot
Nature do her on whantiag su these rich aliuval plang os elsentere, as on the sands sele stic roakes

 (major and minor), Thillen, In illows of Far ous \& inds thero, but growing a niasses, knec-deep, as of artifíal.ay planted, wathithelr bloom eoloured the ground for mules. The fiolus of Wheat, the bearded parsoty, were Carn Poppz- Here, on every ende, \$as evidence of abundnat winter and spring raing, which had brought
to hifo anid footered so muoh luxuriance, and which Fould oonthute to do 80 wera otrew 3 or grames planted by man. But ITws tote that in six wrek or two month whorld be barnt be by bhe of aromer lefl, that all and that thero was ro remedt aty fo fo trat zivalab.e waler un tl
 do not alafays reach gool uater bo for wat of the power of rrigation the Jand tas to be left to thelf It 13 casy to understand why tho fule or November, hill should not be clothed with timber, for the roots of treesand sbrubs cannot and will not pieree olinilk or fimestone, as they ean sand will pleree sand, gravel, understand why the sceds of trees dropped bs birds or thrown by the wind into the crevicas of good deep soil, In winter, should oot germanate and grow, as thoy do When planted by man, and jet, as the American vniles long and from 10 to 30 wide, wrih the Chelifl, 300 losm, profusels watered for six monthis of the year, all but entirely derold of spontancouzly planted trees or Arriv
Arrived at Oran, mag exploration of Algeria ceased beet folghied. I hare satisficd myself by hue situdy of nenty as much soverity us it does the south of Euroje ond that there la much morb rain, a morster atmo gablered and drimer parts of the climate then in the winde, quachthons, for wetht of prothetion frem north Atlas with snow, and bring cold and fyes frost far into the fery desert of Sahara
 geta fhe follow the mirnage, in If hours. The pascage From rough, oving to a otrong trast ut north-west rin the varuum caused bs heat orer tho Desert of Salian sueked in by that grabit gatural furnace. This wind was chrryng with it dark rana loaded clouils to water Boath-east conat of Spain- our destinatton, and there port of Cathingena, the Plymouth of Praingenficent my oye with stonimment on looking round at the
 blade of Grus, not a vestige of vegetable life of any zind or description wis there to be scen on the cliffi, or zshere inlupd. Scorched, browned by the sun, the Pluto's laboratory. I Fas हubsequently to.d by the

French Consal that it seldonl raned at Carthatens any raid at dil, that is, during one of tho rannest winters on record in Euronescencrall, as weil as in tho noth ofity of the town, but found no thore vegetation Lad on r brivk kila, with one except.on, a smali ber maccous plant, from o to 12 naches in helight, Whit areen flechy leaves, whach grew sparselg
n Hhasg in thas sunburnt, dirty, miserstio toma to forthfications, I left that rery dar for Murciar de crabeitit bools of travel as an Eilen of fertitity and beauty The ratroad av once entered upou a plan gradually yis ng to the north, the nefyect of when wha
pewarar it was carefuly ploughed and furromed, bit not the vestige of any crop was thero to be seca, buanng but tie land lased enen fullis prepare., an l seed sown but that as no ra a kad fallen sitice last September, the whessind to be beacted- 30 milcs of plongbed land

 too powerful, and would burn up the gram, eveu of at gemninated. As it wis nearly ripe in ohiler regions, howover, an entire absence of vectable lifo, as at and gear Cartliagena, for the plan was sparsely doted With lis, (ince, Carouba, Almond, Malbery, and al. gmall atud masernble mitherr teaf develcymont
 In this arkd desert, tac liso of which I neser nit
 domic fe 10 Europe. I also between Murcis and Alcante. Near the houspa or
farms occasionally met with were elumps of Opuntia or Barbary Fia in flower The species grown is one Whthout sishoes, Wh.ch the cattle can cat, otherwis there was no sorub nor ' maquus, "' no brushwod, no grasses, nothing for mile after ras le but planes carefully pranh On each side of the wide plan mose limestono mounfotna, ajparenty preseriting basa tic flaws here radually ascended att abo it 1zilu above tio ser, som 30 mies from tie shore, where the desolation ha beome, if possible, fiereer-for cyen the Caroubs and Olve trees had grean u-the hine turned to the west passed through a kind of gorge, and then beran to decend into ilie pla.n of Murcia.
The plain of Murcie is an alluvial plain, in the form of a detta, betweon two ranges of limpatone mountains, the presence of a smull river, and by a systom of irries tion which datee rom the the of the Moors, and trang

 Jevel was ataned watell enabled the water to be used aud then the transformation was magimal. By the means of canals of deriation takera at a highet devel a the calles, a yery considarable ertent or hie slopind grown wster, and at once smilos with fertility From tho 1000 barer I abould say that the Itrigation begins abou burten, furrowfer fieldis give place to Whant crops wheh iacrense an luxurianco ts mo descend, and as tho red ferriginous liwe soil becomos deener and risher in himus produced by centuries of previous cultita $\frac{\text { tion and vegetalion, the Caroulas, tho Ol, wes, the }}{\text { Fig }}$ Fig trees become larger-more fourıhing, the Vines, up to then, more dry gearled yoots, rising l foot from
the groind, show leaver, Mulbery troes make theo Papearance, then Pomegranates in fowor, and Date
 level plan was rathehed a couple of miles from the timn of Murera, the Iuxuriance of vegetat on was appearad, the lasd had become too valuable for tkem Fig trees lind bucome larga forest trees, many feet in
diameter, the Mulberry was panted thicky ade of the road and and panted thickly along the ground was principally ocenpied sy thick luxurian here and there patches of F Ins, Bems, Pens, azd mar Yegolation owed sts exrstenee higb. Thaf luzurian haro, as nt Cartbageas, I was told that it had not befu d.verted from its course and rized untire river had of cult, yated grousid was surrounded by an erry plo hiten. ex ery felt by a rased earth oatk, snmo 10 ituche mgo, and by thrs lieans the se was tho power of throw-
 interior, Hhers plenty of ran falis, the supply of water ho the droughtit, even if it great acd continuous may Wortile plan of Murcia is indopeadent of the seasons Waler, it has been, from the of suinsline heat, and irst established the system of irrusation a garden, like thome at Battergen, and pultirated ar the bame way, onp crop sutceeding another to rapt succesDecessinties fosult of this profuse production of the bread, Dates, vegetables a southarn cimate oll, withe up in the midst of it (Mureia, 5000 m bas growt . Fing and faltening on (Mureia, 15,000 , obalitinta)

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 planted under sucic comi, too oortont, is by o.d from tloe seed ulsua. It stated. Palins oct ic and 13 yesrs oad, wers 13 ur 16 foet quithe, whe
Thes arg plated,
 ateraly drenelect If lus, I mas tolis the Rarden Jiaj Ist, t ere was
multiflora, Jongal, lianhat


 exesption of the twir last named, one eat servalory at Lord Iinwiene of plouts in in should have thouglit woud hare donp doors Pelargonums, Lantanas, Latasur cold maghts anI slajes iront 10 wipter laxuriance this va oy mast iLen base 2 ate look, whea the Inlberry Fig Pomentas aud hine are al devoit of leares. The r,
are numerous: in lite district, but theg glated 10 orchards and not as ormamp Aloreover, they are treated in 3 manner
 spring up are rreserved, at that the thet mown bush and remans so, graceful enough a wo to bush, 10 or lu feet high, but losith all Dat dim the Geriogse hiviera or at Budah in A. wernil Benket, MID. Groerchor Street.
(IL ie forrentifi)

 les.5 knotr is the lieghest peak in Soultit flrin have visited thrs yart of the wond the belat remarkable reate lias nerer been acharls.
 at 7200 foot, bat I thank there 18 soma Mh s, ts thore 19 no mention made of the th
thitio of hergatz profixed ta E. Morees a
 beliche, took up a mercural baromoter, pol 1 biromater, but took a marine anemord, muat we found rot re.able Gurded Martip partly by estimation (inowing her heoking it whreh are ju sight of Compsestarst Irated tho latter as under
beltero it wind prove to be more than jil) ip B. A , Iondondon University a very carrefu obs stone's mes, but it ciffers widely tains noer here, rising from low to 2009 fat
 think the oshimate fortwod by our putir bo far out, I regret that the tume of gur was rery unfayourable for colleotiag Hore several additions to my herbanum. nealum, (DC. 1 , Crassula beryiondes, Hebast sp a) a grass out of Thower, probsbly wit bine a Caras. Lowor dortr a intia, our Within 200 or 800 feot, Cinerana nspern sum


 seem las been witherto Sparazis pendula, Clienoostoma haimio pinnatifila, and Crassula atutifolia There nere onsj a fow others, out of demen not recomase
The next zone of son or gul) feet roliw commands \& mapa. ficent v164 ban be clearly soon an filue. Westlier Sountan, near the sea, wintin csurat miles distant (tn a straght line), to the tha Amatola Peales,
the Oramge River, commanding vien in this coluntry. tapetly at Grsar lie
aign tart, lou

Whos bear about 85 to 50 milea in a straight 13. almosphere, it is true, Fas particuls mit in sucin a or spimilas phenoroenon. To surd - nus no mithe Priely Pear (Opuntín vulgaris thes part of the coantry that many farms are ine from here, 13 almost fill ond with it, it has
verythurg but a fow Thorns ithas mo host and perhapa a few other lerge
t.it cattle can bo beveral thousand
ag bual astite can bo kept there, thicy eat隹, bat soon gaffer from the leateration of a we cto-do farmer living 10 or iol males the Farroo, took up a loses of e, for watell he had to pay 8 par aent. per in a amonit to a contractor for alcorfarno It is killed with difioplty, a monerally thrown into pits or heaps and nd with earth. During two monthas of the inlo the Snieuwbergen wherever it trate it Culyilloys, but cannot hear a very severe frost Noftue Bnieuwhergen ran on the great platens merfotios or apecies, one cailed 4 the good, "the bad," being motrg fown and softer; is morted nothina can emt. rlite fruit, thound
 h. far short readetice gonamilly eaten and Thired by them.
har, in despitsosam is Eradually working ith foreiguer whych I have found rooently at

## Societies.

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## Notices of 300放g.

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Soreral numhers of thas mijemficent publication are hofore ing. The eptenet "magatice it in ,ustined by the ty pography, thig eneraving, and the finme, if not by tre letterpresh. The latter we may karapterise hy

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 rous wodelts of trecs and wirubs are alsen, hut these ant so charactersistic and binbly lin shed as some ot ers The achorin that he baro had nacas on to notice. The chroca--lithorraplis are rizelly devotel to siro tropical and other platers, and thrugh they add to the apperar of the book as un onnrage de wre, thay aro of littie service to tee burancit or gardeder somo deteils 18 to the hanting of avember, No, may be of antorest wo our resuets. Thus, wo have a callulation did the average onat of planting avenre treen tarbren a aippmenent, amountugg for each treo to 10 if 50 e .
 expenses of removal of carth, and mantenalice for

Por the remoyal and transplanting of lares th the Bots die Bouloghe, thres sizes of tho that
machines, according to the dimens;ons of the be moted, were entr loyed TLie smallest cot hat \& 8 ze larger Was constructed for 1100 built at th coast of sisti) fr
The following Table gives same sterecting
tiose wark.nes


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## Garden Memoranda.

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## Miscellaneous.



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saray in nutuman in narraw bgds of two or throd rom * the plante olose together in the rows, 80 as to take fu

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 pethered, and aot roginged iff Nowember; the phaty कमll roguing wher and sarface manure dnrin the

 ar *n locesastry in tir nil garden fome miltare.





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 readerf, I Will endeatntir to in mrim them -a Mr alde t and fingst Vine if the Frition liark thw onr-up an
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 mun t , he lone by a judiatous seleation of the fites in


 my rula is, that is i bara not anturat sholtar trow
makite a hemporary sofeen，and ouly adm，the sun on the plant in whter after it lag got round nuar to the fruth，vegetables，treas，nod striubs -13 subdued，and by the time the slon reallase the plants tha atmonghere becomes changen，no Iu，ury tukes phare，of tour we ke，have the real benelit and anjoyment of by sindown dried and made warm and coniortable hos the hrw japanese flants grow ant Itruciate through ader hards or not，ea method，in fact，naything the first year after plantur thuy be made to start into a maxurant stnte，whate ha aftertyarda manataned What is the utg of wan of ang care 1 ，prepara to plant to mituo at affording it necessar aic．ter ．The secret of oar having lere such numbera of fine and rare lrees os onst alwnys ailopt the rows panl，climute，exposire and situation，and that I alway
 rats endicatablo aryergren boukty，sumple．If ${ }^{\circ}$ haw not tof sterred tp，ns $T$ generily hirre，bundles of that $n+t$ some brut reds． rant and aro hen hant down and thatcops metrwope together．Thus，in less than five munutes，have a pericur acmoly yount tree if the sheiter 15 Te gured to be of a ceater berght than this，it is only nevessary to atick another tier af branohes unto tho nevessary ta atick anomer aud interwesve them as
 the top，thi is ve teen one tio with an osier or ptece



 of protection alinost any plant may bo wade to thrive，
 to shonm roore of ts true ribaracter，than a neve tbouring anaheltered phatat wound have done in ten gears．A freed to wuom $[$ sent some clotee joind contiers，and wham I udvised to protect thew inscombiture to the explained，failod，attributing his thscombtare to kins， chmate．1se had，it seems，sluck in some
wheh the wind twisted about so that they did more Whech the wind twisted about soor．．But when he came and saw baw the thog Fis dome here，he threw up his artus and
 sluity mhl eficuay

## Qarden ©perations．

## For the eassung（ceed：

Aquarti，and espee．aily the larger tadke，such as the
 at the tirue at whoch I write．The raoro artitecal hest tho water requires to keep it up to a proper tem－ peratira，so much the more sir should be afforded to the strincture．This shoud at all thens be aidntitedi es year thospex of the etructure as possible．I do not ad mear that too large ad amount of ligat be maintainad The water should geldom，if ever，exceed a mem of 80 ？ by artificial means alone．If the water feels at nit gomfortable to the hand，it will maply suffice The dube remarks are prectsely appheato to tamas of duate or outicetsise．Cleanlatates 18 of the utmost import uors in anern the al．aqualte plants when confined witaus structures


 regited to the arise tatim and them so offectually saby steppyng uits theio，and ply ne the tmiermal purfece，the soll upon tho mound tself excopted．Prevzously to commenoing apersitions，the mint be inede，and the garath in the pipes within the
 waiter liast it will be requisite to let aist A matter of sottue the teat in the cuituro of all＂Witer plants＂





 as also in larger ones．Yet another suggest．on ero eodelule these remarks for the present．Be very par－
 apon leives foatiog upon the water，※ֻpeesalay after a will invariably cause scorching Bear in mind that the tonder epidermis upon the leaves－on youns leaves ospecially－way ve materiaily ujured and the surchous or the wath very fomexternal s．gns Cboose now cuthaps of ouch Dtore plan／\＆as it is desimble ubould bo jucreased for the pruduction of youdg plants for next season＇
dowerng Jfany od plants giggeat theracelves for
th＇s murpose，such os Junhcias，Clerodendram，and the old Pentias carmes．Br．ag a firgt batcich of such old plants of Ponsettia as wore stowed awsy to res
some months ago into the light agano，and by somo montas ako 1 tule at a time，untul the old bolle aro moistenod thronith，indure twom to forml oung shoos，satich，wo needed oarig in Septembe propery matrixe as cutiongo，and to form the earllest hower ing plants for early winter flowering．lyy thrse whome chief ainarf form，the whole stock slioald be so treated forthwith Tine Greenhotise and Comercatory mag，now that a period has arruved whon a dry absorbent mag noy be expected，be dally dampod ovor with the air may be expected，bes adas bo fully admotted，which will tend to ivo the plants within greater hoalth and strenklh．

## FURKIN：IDLSAK

Thase finertes which have n．：the frut cut and used must still recerve attentin Koon the fol，age as hoalthy as possibio to the astu Tuus only can well－ syringing will therefre bo zecessary during dry periods．The past weather not having been at all ayourable for
 the aterred to，and where a want of hardnesa or proper referred to，and where a wank of isther it may not be ripeness 18 discerable，to see whetuer temperature by advisable to koep up a goon meek or two longer for tue purpose of securing this．The roats must be cared for to all instancos whare such 5 agsestions as these are acted on Wher，with a view of more projerly ripen－ ing the wood，a lithty extra zetorton 19 airorded the closind the l．ahts for us ti ne in the arternoan－ond air by 19 mplortant，do not omat to afford plenty of ait by
night，aud to sllow one or two joung shoots at the aper to cont．nue growinn，otherwisis some of the yoing buds which should remain at rest may be mduced to ＂phat＂promaturely．In regard to et nese then as a lue and propor elabotation of the sap contamed in the young growthe formed cand arly be attatued by the ald of a prolosiged sunny perwh the shortened days of antumo being less fapourab oituthas respeat chan those near to midaummer．Cont．nue to water ail reach of veclarine border：whith are wand It ouly by such ateation，proporly nofarded at thas time，that due success can be booked for in the ensming year．

> HARDY FLOWER GARDEN

Whero Dahhas havo not been properly mulched as proviously suge hed，fot the operahin oo completed Whicut furtier delay，Hike sowiss Pentelemons Aollyhociks，docen Do not bow all the Brompton Stock geod this time，na 1 t will be advisable to make amother soring at a somawhat later period．I meed add fitifie to my suggention regarding makink all neoessary pre－
paration fro puttiak in Pink ppinga contained in last parat＇s Caletdar un ler tha ：hriad ute os my excellont comyeer＂Jown，Ins ately，under the heading regard to them．
Out－door Fines，in whatever form they are grown wril now need especial attention．P＇noh back the pornta of all young shoots which bive flowers showng about one or two leaves or jomets beyond the jonat whercor the upper flower－spike is situaled，excepting an instances where a greater extension of the plant 18 promed．tated in view of filling varancigg．Those smaller shonts upow which no flowers are forming should be remoyed at about one or two leaves fromt the base，if a sutticency of leal surface thes not exath whore abundance of leaves arn forming many may be takeal fruting shoots to the wall neatly at regular distances apart，and on such a manter that both haght and air may bava full playathongat them．Fis the young crownz upon the ends of strascherry ruaners to Lhe grouid，by placing stone upor eadh，or by a per of wond Many grow them into plants in small pots，a dessrable way when it a necesury to kein thein through the minter uncler some sort of shelter for planting out $1 \pi$ tho early sprine or to form plants early，for the purposo of growing on for forcing plants Under such trratment，there must be to reck of molsture，but the shal poxs must have a das Whoro the rumpers are simply wanted to Corm freah plantations in the gutitma，and time is of The planta，hestldea，will autior little，if atelli，in process of transpaantation into thefr permanent quarters，if a showery moist
the operation

## KITRTEY GABDE

Brimat sunny dayt ind wariner temperature fiave
 week，whera the degtruclion uf wen has bent iast ouly carriad cuat，a fulagrowiak period mas be misurel
 Bear in mind that the free ant posjession of the soll not only destructive to weedy，but the ale 1s froely admitted uato the upper atrata of the sarl，and in consequence．of mavarare is manataned therena one or more rows of Celery should bo planted that one or more rews of Celery should be plantid out for tre treaches，and to wheel the macessary nmouns of mantire thereinto，durime dry weather，$I$ advise that further attentiou be given to thus subject．（forerally such is tha seantinesa of roorn，that the fult supply or Peary are off is theng are very lat the irst erops of
fact will cause no little inconvenience to maty
 slall be able to do if We lave a grod shotk an Biven trenches of this be plateded， 80 much whinaty




Dakhas should now be mulenceg．
 ahould be set for the e日rwhes．The bast tad to found，next to beanstalks，which are seldom is at town，are lobster olews placed on the to
stakes［oven moreornamentalihan the costomur pot＇］，and empted ewnery morging
 All planta that requ ro to bo kept atr bay of on pegged down，and I masy here renirle that to sut plan I adopt is to save all my olj birech browne the season anel eut them up for that purpoes

 heasth of plants in wown his alcention to then mating Evergreent and flowering shrubs that hape ampleter growth should now be pruoed to shape．J $D$ ．













Improvement of Grasa Land.
 $\mathbf{S} \underset{\text { RENOVATLNG MXTURE }}{\boldsymbol{T}} \mathbf{T}$ otab arasspg and clovers sholid be nown eftor the That wix catisd.

 Thle tie the best Maxtury to mprove tha qually and quantity of cran ; sind minkinsble

SI THON Agn woN4, Sood Growern,
GYTONS NEW Squit SEED, for Howing ic Juis end Autuil Lomit prise por Burutem on applisorIMPROVED EABUY WHTESTEEDF
 St [TNNGTMRELETHP IELLOW






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Tha Rojal beodemen.

## lainispartor <br> Seed Eramens ${ }^{\text {S }}$








CARTER'S IMCEILAL HARDY SWEDE,

> EVIDENCE DF QUALITT



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(intinn fonn Hutching, Es
, BAILEI DEXTON, Prweppl Enginem
 Okect ng the wott by their ofra Aconth thelr Ladlordz, procur



'1 His LEANDS IMPROVESLEAT LUSM











VIRRAL AGRICULTURAL SOCIETT


 THE HOAAL AGRICULALHAL BULIETY of







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## Che agricultural $\mathfrak{G a}$ atete.

SATURDAY, JULY 3, 1869,



Is one of his pamphiet letters Lhtaily edirsoued

 It will not do to dismiss such questions wish the nuperficial ramark that the lawa are the same in Ireland as in England.

A few weeks ago we referrivl to an elactioneernir speenh an which tho C'anildato remariked that "the Eaglah Land hawis aro candemaed by esery one who has taken the trouble to underatand thom.

Tho two remerks contain a curions, and perhaps the best commontary on esch other. If foth be true, the "superficimity ' would be somothing rather dilferent to that intended by fond Hussklin whose own retnariss upon the land topic (unlike those upon the Church question) are indeod supersioinl to a degree that, in so old s statesman, could hardly have bersn bolioved, Fere it not for the fact we have before so oftan noticed that of all polatical subjects there is no one on Whith so hittlo wecuracy of mifortnation, or ules, and in thenr places mo much of prejulice-
 of land into fow hanls, 212 this vuntry the Firtual confiscation of the goll in fis ur of the very rich-is not a mare passive fict, but that it it if the ie int, gramg un, as it were under our feet, in powerfal and actave prograsa and that, in the nature of things, it cannot be stntionary. Crescit eltado. Given theee threo conditions-1st, a law enabling overy owner of a certain artacle of limited amppls to mantais, by Will or tiattlement, in hut own family descent, all that he is master over, for many lives of the oxtyting poneration, ami turewhame yenta yferceden, Itrdly, a law which Enizes every utom that acapar3, enthor by intentaey or tho accident of broken entali, aril throma lt back into bondage anl srdly, a law-suppurted systam Whach basing itiself un thood tro prem, ien, furbula Buyer and suller to completic a chitrate rxcept throngh a third party whose interent drpends on the amount of obstruction that can be anterposed,
thes paralyeing commoroe in the artele by
delay and cost equapalent to a law-suit and whth 'approcisto the whele procosis, Whathor there most of its charactersatics, noul presulug winarys upon the smallost;--nand what other result cond there be thut that which is exhilital? every oviduaco we jorise se "
Tho actual nua ber of land ur. is in Ensland has bued estimated at diterent perlofdown to the present time from rury imperfect data, and with varyar ${ }^{2}$ remults. but old featuro ata thro comprotation is uatiform Mrd untarying, the decrease, at each nuccessis pernord, is the olle thang thoyt remarnable The stenco, tho ir wivinisnerss of tho inpration conceas it from tho prubase view. To the mare of then commanaly it iy as luseluble as the uath th dirmial moytinent, of the Nitattors of the I'oles Freadmen of trade, fit a a roduced Tarall, Lastemer
 helpe to resphese it, $L_{3}$ bity irmenting to any
 our own: Fo say defictent bectuso it is 110t pio tended, at least by thy one wha has atudied the trpacity of the eonl, that the large-scalo cultiFation gives anything hke the eame abeolute produce with the smedl.

What is asserted for it is that the wareable seturi is sreater relatively with the amount of labour employed: a doctmme and phraseology borfactares to the Soil; which is not on leal maohine of humaj, fiblum and inscution, whome virtue les in the amount of manual labour it digplacea, bat a living agent and paitrer to tho hands ard braic ald motwo on leagto trith it * which, like tho Cos's uifler, tryes moro the more urgentlyitas ontreated, but drace off to a scaztie: relaxed, or srtificial. Or, indeed, we might amond flen simila by corstrasting tioo incotn parably more alua fint yell wheh tho anmal affords to tho roterateal impsistamity of her own offapring, agarist tho darly dolo more rudely wathdrawn by the herd hand of the mikmuan as ho humbes through the Ilary-hord. Tho Earth Wrag made before man, and " Was made for all"-
Fe do not say for 'peasant-propriotors,' nor int thair thrie or four thonsand amencon either of these, alone, bat for all comprised by theoe two extremes, themselves opem perhaps,
like all extremes, to some objections not inplylike all extremes, to some objections not applying to thair intermediatea.
The truth is that the machineary-doctrine of 'most i roduce by deast laboorr is straply, as epplied to the roil, the de crime of ataryation and disposscinion and mstend of helonging to the advaxce of kuow ied go and civilisationt, is a retroFrassion towards tho time when a 'lonight's nod a Count was terntoral lord over a County. It is then pror which windardies over a County. agricultural Jabourer, afd in conjutiction with our universal systom of "Tonama," Tnakes it nobody s interest to find hom a vottage that will
pay for tho bundaig, hurl is, for which his wages will emble him to pay ther ranti, The


 And the Landlond canuot do it: for what, in
fact, has he to do with the matter? Ho lets
his Iand for tho mont that another and akull can make of it, by any means not is the Teunnt's business, anil natural endeathe shortent thime and if he corlats and un has i.lith , alimily hy machinery, without emplog-


 Whasing point of prewn eash to ato ocenpier from
 his farm. There is in "huth a relined melbwi Which the culprit is callud 'slow toangling,' by attenuatod betwein swe lavi morfiuces, upper and mether, just as a baker rolls out dough. the be destroyed before he has had full tume to

 polnshne-iff or 'Finneln' we are not accurately informed. There ought to be; to make the I malel corrintete
Such is the jonghish Lanit tonture systom, ns
 Timant-for lufo under Gottloment, wiogo low Imit
 b. an attempt to onnmerato thom), Intist bu desoted to tho education and proviston for his younger childrem, who, taking nothog horeafter. are the firat clamanta for ovory apare shillugg
that can lowar al frorra it by tho proserit + Lufo-
 lana, fir tho spendinst profit that can be made frum it, by thio most compendious machinery, 4 ith. th.o least ontia\} 1h. minual labour. B. A Latid harer of whose jnterest in the soil, or relsLout to it, ar to gither of the before-namod |fir 1 a, it is deffoult to find words properly desertptive. Perhapa hia truest definition, and the shortest, is by regations. He is not his landlord's Serrant, and he is not his omployor's Tenant: i, $a_{\text {, }}$ the man who employs, cananot house, and the man who conld house, does not employ kim. Dependence has itts advantages, and Independence its charms but has lot is cast in a sl.here equinistant from cither. Tha proposals to moprove haw conlition. hy eltication rather brigg to mind that of the liontron Incuees who wonlewd why the farmshtr form in Parla, if they were short of brond, did not uso Pastry. Extucation, whon onhances the sensibility to auffrilıge, also, hurpuly, ten lo to omancipate the

 improve the Nest, you will herdly holp 1.t much
 The firestion 37 to his cotl.go acconimorlatern bamoner, whiter sitetr a sysins so une of thiso de-
 morning to his worn, or whathor he goos, in the evening, thon he has doneat, provided he has done it-whit is that to his employer? who has no cottage to give him, nor menns of building ona and if nothing to him, what is it to the landlordi Who has no motive for spending the portions of his yotinger chilaren in making ithoafiom the adjitions to the jnherntance of bia eldeat, by putting up a class of buildings that don's puty? Such is the system; described in the abstract iot, if course, as it is modified and ampliorater di.ghe $l$, by lumd resacnt landtorda, and enterprising Tenanta, confident in their holdings under the title of a ' good understanding. What we have to compidur when exammag gystem, is ita absolufe olements and structure, not tho dress it mey be made to war under 日pecial an. l long established rircutnstances, -a resident propriotary almost partriering their Tenants interests, a natzonal love of country hife, sgrionl tural pursuits, field sports, and 'loon selfrovomment. ${ }^{\text {che }}$ Taken in conjunction with all
 chltual properity, mon whose Fing
 the bare arid forlorllatio form that pro aro altogether abaont, -as montaming muliuncts resident propmetary, cstates of fmempras extent twenty-forty-sixty thousanit acres life-ownet vicarious chargo of an and committed to the Vicarious chargo of an ageat, humalf non-ress-
dent, and acting for seacral such nt once,-in a word, all that is comprised an

In rain oror inioh lafe.
 anw dimsin. lig oxebption of Rusias, there is mn

 ther, the bothi's arem whorlit necurding In
 lon't happen to bo ather fambe land thawe whin largo Tenants mast " get out of the way."
"Eolituditem terme

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W.ill 2.0t sub that the whel tao

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 the thu lis inge m foxce snportationa of en with cattle, can only be propented by ownem
 the inconvemienco and delay to whime this one sity has somotimes given nise, by prohibut landing,"
enimals, or to any specified lind
foreign animals." with the foreign animala. hing 15 Ieft very much 34 it was, mond the clauses of the Bill, divested of there tat phrneeology, amount in effoct to regalito the foreign cattle trads in the Nay nom the Privy Councill may from thme to time de necessary. It is conceded that a pary onal Lordships to tiecet emergencies, bat at dom appone to be goneralify deternthed to extciti tho power should go. the Bal at on dieproseg of the whole question by matry th power absolate; so that by Ordar of prohibited or pormitted ; cattle andiflice prohibited or pormitted ; cattlo and afie native cattle, nodit io for the Frivi Counne
letermme th
lrga sh ild Len evto. inal, ard what other et shall he lat locl $\pi$ th mit biting parts of port
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 Ono necesary and ita ans fry in enfornge amended, doos wot meet tho Fans of the bur produccra, whle ths, penfisions nre foostrose trade 1 foreign stook, The first compla all the most effeotive rig a.atrons of the mein are dreacked to the stoimpirip out of mextir


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perenartory. "the $\mathrm{l}, \mathrm{cm}$ anthonty may "shall, " cstablash wationts in dedined parts ports, is tha lingringe of the clares relatief forienga ammaly are larrjayd, tho anithorites bir


 tion may bo cotsader 1 has sottled, but malime
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 diferantin Hertfordshive Iroun whit it was in Cumber
 Int and at su eventa for the parposed of comparioon


 panphiet in Which he minuliod the eriove of land the real fool had boon mon koown in tump we should have beon relieved from tha nevenaty of importing Whent He meed not ditate further umon thas poush
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 the chair overy brood mare in the coll tr，ne il I pro－ drawa．

 report in snother colamen expleins what this Ausceits and has thate hr farmars and for certcuitare in the muthty．Tue empluy thent he farmers of Litnminahire
 exachly what they barkan for The sapme minure， fodeed nitoget．er morthless，cost only a year ago


#### Abstract

       Temedy wer thut in the haultof the fartner himelif,  






## 1：LITLい！M <br>   <br> 

 ormplatined of their cons agd hatior bod hoidige
 want of exeriue in the male saimal is ofter a cauco of
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## －－It appears to us that no time is so fittige for the

 notion of \＆Btarthort herd as the publicstion of a







 1s cimin




ghent oftle tuey mera accurabe and，unace thoy
if whict on y worthlem，but delusive．The only wry

Gy more judicous purysase，and that fine old bul，sulliciently forward The winter Oats appear to be usel The dire elfect of the pragne in the county 18s0－6 necersitated the sreatest biglince，the calt by one hot bristit day，they werg turned out to trente in the vourse of a few houra seckpess appeared，aud E Wek or two the Iargor part of the herd was swop away ata great lose．Old GABIDSLIT sad a fees pther survived，and，nothog daunted，ā̄ boon as the count
was healiby，Mr Davies mas argin in the market，an the pedsgrece of bis more receut furchases are befors un Tho caltlo are arranged in families．At their head
 nublio corrs in tho country， 3 lind pas，paroliase at the White helfor，two years old，by ITH DCEE of
 1th，sx yearg ofd，by a Cambridse Ruse bull These


 calf，these ere of tho olc Colliug Cady tribe；at thetr placed－a tribo better known for personal merit are for fashiovatio descent．Oa turning over we have two of the Kurklerington or sockburn Blanches，and two fust pases of females contana three Princess Royals．The threo Flirtations，both of ahort pedikrees，but bred ors－ g nally tn the ne＇phbourtiond of Thisk，Vorkshire． DALE，the Arported Americsn ball of 1 RuF GRAND

 of the same familtes as the helfers，and ranue from four months to two years old，nit are by Baleg＇bulla，find of warious colour，and for wheth，prohably，fin gale harguage，no reasonable offor will be zelised．＂Gart as
of most of the younger anirals，and taree are acere of most of tho younger anisals，and turee are acge－
ditet to the Thorndale bull Tho herd wit probabls reconve many visitc ra daring the great show weelc，and Whll no doubt give as muel satiafa 4 in as the pedirrees， Wheh not only rena well，but are nuely printed on the
toned calalogue ssucd from Langham Place．

PRESEN＇T APPEARANCE OF THE CROPG，
Braksmaz－I mon corry I cannot speak favoursbly
 We have had during the months of May and Juper Onte， Beans，and Deas promnso at present to prodze the best

 unevenly sud mith a small ear The cof en weynat treather in May was infurious to hota Wheat an？
 be a great crop．Mnngeil Wuzzel does not grow mell and Swodes are only just sown．Grass feed is plentiful，
 and promiseg a fall yoeld．Barley stort，inferior， gulforman from drougat．Oats short，rusty，unpto－
misug．Potatos flelu cropa not lookiog we luxurinace，growth arrested bs the very dry weather Mangel a kood regular braird and the earlier ernps． ing．Swedes patctar Hay and the plants flourish－ saved．Orebard Apples one－thure of a urop．P．Covecn，
Barnstaple，June 29 ． Dosser－In rep． y to your latter of yesterday，resjuect
ing the present prospect of pur erops 10 this neigt bourhood，on musk of the Wheat oni the wet，ani i also plant in the enrly wpring ren up very gpindly and thin， it did not taller out，consequed about and rolled down
 extopt on very wit land，whare it mas put put in during The Mangel plant looks very well，and Turuip wand


 Clozer，average．The appesmnce of Wheat ou clay to pect of a grod crop．Turnips，an excellent aplan－ durinowle，Coffo Castle，Jma the－The Tre weather apriculturints in this locality very mueh，and has quality，in good condition．The The Wheat（may，of lime in stravp than leot Year）has improved，and the enars are days ago we shall not have so large a crop ss loge ten Ol the Bariey I cancot speasy neanly an wverage one
most promisias crop，although the straw 15 struck with
ruat．Flax a hanyy crop．SIangel plants refular and prom ping．Swedish Turmps very hopeful Potslos partially affected with disease．On the whole I see no
cause for despondenoy，but opinong vary madb sysondshiry，June 23 ．
ILuss－The appearance of the crops of corn in thas
 Wat weathe in May and tho low temperature preval ni Ight sols in low condition，and upo the whol the Weat crop is not likely to produce an arerago will be something ike three weeks later than last jest Oits and liaploy may produce an apomge，but muoh w．l．depend on the weatler，as a farge portion of the
crop las sulfered from the cold wet weather，but not to hiop sarme extent as the Wheat plent．Weather，but and Peas are ganeraliy well spoken of，snd bid far to oxceed an excent produre．The hay crop lias been very sbundant conlult ond tio remanamp port on is tn，area by the late rans，bat not sertousty．The meadows aud nap and
pastures liape above ati averago produce，on sequr na favourable Weathar from this time．All kinds of Todder crops are very abundant，as also Grass in the grazing lend．A large bresdth of Mangel tas boen
sown under fsyurable burcumgtanos sown uncier ispourable bircumatanges，and nove promised better．Swedes and Turnips have also planted remarkably well，with but litile injury from
the fly．Potatos promiso well，without any appearance the dig．Potatos promise will，without a ay appearance
of discaso at present．Joweph Bindell，Land Agent， Southampton，June sis，Tho Wheat arop is bad on pet lund and ponr thin clss，s，and far from good ou loamy aud gravelly sorls．It is best on olanlk sons，but
the ears are not iarge．Athough much maldepend on the weather during July，yet in any onse the harvest must be barkwaril and under an average．Barloy jaries，but is about an averape，Onts over average， Swelles aud Turnps an excel．ent plant．${ }^{2}$ W．C． Spooner，Eling，near Southampron，June ${ }_{8}$ ．
KENT－I an geting my bustle oter with my seeds， and have tomtienced my usua．Whatks by the footpaths county ooly a ferm fields of Whent that will yield an average crop．Ou all sands，gruvils，cla，ks，sce，thare is not half an a verago crop，thie theat not beang snee thero and has been as yellow ha gold is to liarley hikh，nad others not knee high not half an average croy．Peas are bad，nad many nat ties seed akain Bean a very partial crop．Oats，but few grown On last year，mor half the struw．The eld Sainfons are Cloverb－mostly Wheat and Barliy from the atedded ductive orop of corn I have not known for unpro－ years．The werther lias been，all the spring and

 Tuero 15 a great breadh of Potstos，at pretient not the a hushel．Whon I liagt，thay are sellong well，at \＆s and make my report，$I$ liall be able to pual ase you a mation， ater thay last yoxpect the harvest hers one month and upwarde of forsscore years，gnd about 10100 moons， England overy year，visiting，as I stil！seet a deal of barvest，so many of my of friende，Brovinus to or throe days wilk each of them：they drive me instance，tho fevis of Crovement in their localities for instance，tho fens of Cambridgeshire，Noriole，foc－ when the roads are complete，costing and－whech wili，in the courae of time，bo studcied with farm required in resident himants，which is so muth required in most parts of Eingland，thereby makiog dependent Eingland，and also douhtark and trebling the value of the anth Engiand ts not lialf farmed
 Englend misht bo doubled．Iseases or 14 produce a

 cold wealher keeps it back．Where it 15 out 10 ent the are na many places zouch eaten kood colonr，and Oats

 up，but not Fery well，there has been so littie sin the fot berag kreat complanats twate at timi in piant，there
 near mover，Jann weatiet．IGark Scindford，Harely， Light of sitriaf，and late．Barley，not much brown，and Whare grown sood．Oats，Rey，not much krown，but
felds may have yell ields may have jellowed a little，but upon the whal tiot is good，and promisea larzoly pral crop of the dis－ them．Turnips， hem－Turnips，not prown except aftorerer to doveloy but will bulk langely．Mond crop，de
are good，and an abundant
 be seen，somen veryltivated，an poccas：onal thad ond sn sverago，perhapa，upon the
Noterborook，Ieyland．Jurie 25.



 land，but I fear tho corld rishits and surly good Wheat，but well．loarsegis very munhest the When resent fine weather toimprove fery mand good，betng strong nnd mealchatinges．Oat mean udtermir Prom the bing．Peas mend， breadell sown Mangel conning from bligat a and Turnipg domng trechls wel，but rather ，Sot

 by rain．Meadows a good grod，consuderaty dine a largo quantity yot to bo made，whe much dman tho wenther Pastures bare，cat itle nad shempen done welt，－tow wet and cold．On the whole，Tive Fine warm weather，Bartey may bory tuluch noppord


## WOMEN AND CILILDREV EMPLOTED

 AGRICULIURE speodat on this subject in the Fifoust of Complomen

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 tarence，whit，wat the hoort form for it to andme＇（omptin？
 the plag wes that

$\qquad$








1 look Iorward con Edeatly to the day when every root grown sin itis country shali be converted jnto a
dry feeding aubistance, and every particle of Btriv not thsolutely reguired sa litter to segure the comfort of atock (and by placing cattle and pigs on bossis thiz maty be reduced to a minmum) will be deprived of ths
feeding value before it 18 retarned to the land as food for regetable life. Hygh Smath, 21, Festbourne Terraca Road, $W_{\text {. }}$ London, th " Hark Lane E'zprest."

## STEAM CULITVATION.

I Mive seen Mr. Groig's papor, read betore the Cbamber of Agriculture at Crrencester, the other day,
and I beg that you mill let me take part no tha discutavor and I beg that you instance e piece of heavy clay land and Whent stubble, Fhich Ls intended for a green orop the following gasp be brought to the rurface, but itat the land sloould

 In tho mring In consider that all green oropa on thte sort ould
moukike it that Mr. Greig has not well considered the point, for if we manure and smash upa piece of heayy
clay Wheat atubble to lie through the winter. in the clay Whate atubble to lie through the winter, in the
upring we ind it averrun with self-sown Wheat, if Fith nothing else, and very frequently with Grasses of
parious knde. Professor Wrightaon questions the usa various kunde. Pxofessor Wrigatan questione the usa
 theplough, weeds, suchas Coltsfoot, Thistles, and Docks, Were rather apt to become s dificulty to the fariner."
This inference clearly proses that the fenmed Proessor does not elearly usiderstand the growth of those weeds, for the plongh merely cuts off sume 5 or 6 naches of the
top or strong part of them, pud rolls ihem over to be planted, nud grow whith the next crop. thus treated is tenfold stronger then it is in a Whant mife to krow again stronger than ever Mr Smith, of Bibury, goes on to show that "he had seen a piece of
lond every day that spring. Which bad been cultivated insteal of being turped over, that was as green as a had been plaughed in the autuma That was in Barosley parish. Ir that had been ploughed in the vegetable
mafter would have manured the land." Now this is en ertreme anse, and not worth talking noout, for it is a piese of hand tin s wofluly filthy state, and mast be
 that Mr, Groig Weeply stirred hand whin in the sprivg be to dr 11 hits seeds for a freen crop l'rolessor Wright-

 $\frac{\text { a foot deep, but do not do it until Ottober-Lunt. } 1 \text { the }}{\text { Wheat fallen out in }}$ be turned under with tho duan and buried, and may wray open up the subsoll in the treaches to the actor of the sup, frost, sir an water, durink the winter the spriag, it should be weli harrowod to pull down the Fdges, and to destroy all the seed ng weeds that may be dobe with boze the let Mr Grag gay what ho may sort the tratd of thiotr feet on the land in the spring, gelves-that ther haro received no barme fut well. If it is utended focerved Swedes, harme ridges should be Epit and thrown dotrin by a subsoller worked b horsea, and, after lying a tome, well harrowed, ko lill
the gecding weds that may have prown upon the land the seding weeds that may uave prown upon the land
during the witer $\mathrm{I}_{3}$ Smedes on land thiss treated apenic for themselvez by their healtiy y ppearance. the bend methad of puthot I have observed, I believe Ecratoh the sarface, loosening oo more soll on the top

 When ronts have been fed on the land by aheoding and breakink of twe top crust, whel a seed-bed is a certain way of Frocuring a gnod crop of Warley, bit, if we look to thing. Sor mis combined culturator an 1 drill d d this crand that I wes reyug it excellentsf, but than I showed sigus of petting oferrun with Knot-kryse, fic of my expertence and now give the public tho benefit of may oxperteme
matior of which we are alruast entirely ignoprant at provint By forethoucht and manespement the deep land coa nevar tonched wher wet in the year, and of the
 reed poed, and surporte of a deap, olean, and cheap I can do my mupports my mown prictice excepting that fome rains in the sutump, botter than I can when the
tons the cost as compared with hormo-work. He per-
haps may have some reasond for dotig so, Fhen he compyas some operations that he may bave seen himsell Fith horse-work, but then this shors that he is one
of tie slow rachat, or be muth have got my lossons by hesrt tefore ins. I will pive hitu ane over
Bean stubble smesbed up in the autumn,
Bean stubble smasbed up un the auturnt, at a cost at



 hike reeds, hearly as high in it, yet the Coltsfoot, Thistles, and Dock on this land are til, Let Professor wright son bridg has Has ha do so I know, but he Fill, I also my statement by a peat crop standing by the side of my etatement by a pes crop shan Theat stubbles, aftor a
 cost of 7s, opd. par acre, and the Beans were planted therefore the total cast of seed-bed ls only is. 0kd per Eugland, atrong in straw, nearly up to my chin, and weprage oost of seed-bed the 10id an acre. Let the average oost of soet-brink his evidence aganost it, if he can if nok let him loard of me. I epeak plaan, bocause Mr. Grels Esy that "the oultivation of olay land 18 a, When he हays "We whe he may be right for it is on ole When he kayg "we "he may be right, for unden olear
that nether ho gor the learged Professor understand thie matter, but I do, for my orops and dlean land tell me that I amprighe, and my $6 \mathrm{~s} .10 \frac{1}{2}$, an eore must stagger them both
And lastly "It serves no good purpose to use rollers or clod-crushems in celtivatiog such land a all must be
done by Nature" These are capital words in support done by Nature" These ard capital words in suppo
of those published in my first panyhlet in $1835 j^{\prime}$
a
thater Wheat awing 18 completed, all the mapure
thay ba drawn out and spread on the land that in ready may be drawn out ana spread an be trand efliciontly and beneffiall $/$ asplied, the soil will be all broken tip, the manure will be covered, and the land
trenched up and exposed to tho action of the westher durivg tho whole of the wintor, My arter practico proses that my viow zopon that point was right, and so
says $\operatorname{Mr}$ Gremg now, when be says that "Nature" is our grand worker

This deep stirring breaks up the 'pan, formed by therse treading.
These are significant words in support of mino before the 80 oiety of Engineers at Birmingham, in 1857 . -
 right itself shortly, for my boga sre beginning to learo and Mr Grerg appears i kely to be one of the foremost
In concluston I nust say a ward upen Whr Smith'g, Limestone rocko are not vars extensiro, but too muct so to be gaseed unnoticed. The best farmers on them trated, and roamured with light dressings of artaricial manure in addition to the manure made on the farmi, With a far supply of cake to the stool, thay becomb very produative, and farmers who tbus manage them gemerally do well upon them: therefore it is quite olear deeper by steam- power, who mall give a good lelp to the I call the flat raiker for Berks, Hents, Wilte, and olfer connties. The besit lsmers on those solls work them as deeply 的 thes can by acrateling into the rock whenaver they have a
chanace, and these Eoils, when thus trented and well manured, become yery productive as stock and corn farms. I will bring one witnets to bear upon this point-Mr. Child, of Yernham Manor. Who forms
sino ances of such Ind, and well too, for 1 walked over it all last spring and found it olonn from ond to ond and worked as deeply ns he could work t with horseg, of steams tackje, supplied under my direction. Bad some wonths back he wrote to tell me that the steam cuithand on Jeve 21 he wrote thus:- It hate done more
 tiroe expretsed wonder ${ }^{\text {h }}$, You fee that men who
have farmed deeply heretofore will work deeper now that they have a porrer to help them,
1astead of ery, ng out, lise Mr Srath, of Biburs How would thery cultarato that or HI s question rooks of clay Many men wall tell yous under a plo the great knnwledpo, that gellow stall must not bo touched, I here cut poto mone full 10 or 5 incheses, gat for all that now upon them teil me that $I$ an rigit- Wheat and Beans, as fine ts any to be found in England, upon avery fourth year to keep ihem rican and foul fon mark for growing not much over half the quantity of the Wheat and Beans tomether, I got 15 bushet takiog per acre than they grem under horie pulture and th that deep cultivetion by stemm-nomer, Mmith simite gond, jet setz the stone roals up hgainut it nais bug-
bear. As to costa said upos that point in this letter, and what i havo

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alacos of Pall Majl, Belgrarian, and Trybutnish then palaces of Pall Mail, Belgraria, and Thobutrit, dum pages of a noble and fashonable world, my tho eque
 The undrained and half-farmed laude of Brithos I I can these be alske the property of othe and tha and langushes for want of means f No, that cangot of for in the bankers clearing-house, in Lomberd 2500 militons of poundas sterling chavged bands 0 year (1868), raearly four times the amonat but pon-jmprovement arises from a astuifection and
 steam-power has olianger all on of commetict
manufacturing conditious- that it has crast interests, itycreased wealth, and vartly malto population. Agriculture is as yet only on the revery
the skream, batit it mist moon bo horned on
 ments, Reete would be higher, limod more mprowbe tenants more wealihy, Trere sgricultare in it purve condition relatively to other of our industries It bo believed that in our formind county of Ena approseh to the farm buildings surd when the through a muddy lane, nearly a mile loog tmpay bla for glo or carriage in the wither? It is eren fuppuate in yards. The owner ridea on ho shat by the bot side: Dot much fear of the landlerd dirival dora side: Dot miospect the farm. I could muphinds red Wintar to maspeot the farm. I could multipdy med bo merely confirmatory evidenos of a conmotiln astisfaction with thing as fhey wire. It das an
 unoommorcial, unprofitable, and unpurthy, Thy from a pastoral, wooded and wooden ajo int me irom and steel, where the impassie
 on a farm, from a lisudle to a pas trough, putimpts in the new iron age. The production of oor fod it


 ing on the yast doman of old fashoned mantlanlifity Thesooner that domain 18 conquered bythesnantorto the better for the couniry at large. I knor, looked upon in certain rolıred maoks ata merely endorsung with rigour tho billed minman that hare been abuadentlf prelerrea, in wh 28 volumes of the Journal of the Rojel Agracime Sooiony of Eugland.
again in 50 yearh, Whas a maghty ohnifo
would he acen in Britush Agrivulturi J. J. Tipifree, Jure 2 a
Bokre of pauperinm. - The sorkng of the shot Poor-bawi is just pow is aubjeot of inquirs bit contend that pauperism is neocemrily the puma condition of wort-out raral laboutrerte laspoting in axamination, of which notice appary

 Com, Begk ghyo his evidenea, to som Where to prove that worm-out pionghmen arr oircumatancen, I have repentedly redzaod ybl
 Agrictelturtst, of $\mathrm{Julg} 13,1801$

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Tho cartage of five tons of coals frum the
nearent etatiton, at linlf fricec, a housse
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## Societies.







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 cempan offiner be apkonaleu for fisinburgh, if not tho Shrice turat Eforciton-1'ruf HaLE st a reported

 burch I nuremity who pask lim beat ant the recond
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 and, Aherdour, ADCulemnsh re, forn repurt of improte dent in the farat of Unarrstingd
 Horthwichhal, who wis unawodably bhomity mith

seods, I belteve, has beon mote or tena 119 limi 51 if ir a rery loog periods and it is olear that a allerillts







 orismen Government messuro, and in that care the



pelition an ita farour of thay sit uld ace mase.

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It was e furtumak thope thas they should have contis membern with hend uper thetr shouldern Aypi-









 rescinn ita venantit






 denth of one mong illem in whoze character were



 folk they ored a demp and jationg debt of gratitude to his friend Mr T Shater In rephed to aze cile aral prospacta, Whither his looked at them in the prewent,
 thare That they hat mot yet ranlifen the fil extent of ast genes drought It was radid that the Turinp crop
lost he fesred thay stint in t tiod rut tow ful extent
the futare, there wat matmertbon moneteit the

 mul not live on the land and del in the Wher the crops ront d bot atamd tho thent or the vold.

















 no alad to bsere it rephured This nere that mheo the
 Her the luancal of the pilar of froe trade and be upponed they muse tate the bolitior of the thil lop duts upyn ourn ts the bonuel orer the chimon Th its Fas on infinulesimaly ninall that the far







 a* the forwerituedt abind tae to make an expers
 average ur the ar reaze of the o rops, and of the rumber of gatile, sheep, sad pust is the mosnlry wise than



 they wish to the Jmard of Iraco ko nak them in bo





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 dower fopen ofery y yr and eot holp-adoman barma for aothing He shoutd aot civeochem to oo and do









 I? I, \& freman ILe nesprift antisfied that be wes weit meriol uniess lie binwif kuew kow to do the
 aliulit bo r nut Thes E. kafe hie story of the




 Cottle Clasen"

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 atid the lapse of mün timg. They had two noble lords in the room of mhom they were juntly prond Lord Sondes and Lord Walstagem, sad, who ters uticoteful ermbitory-the 000 to shwep sad tas otar is catte Fe was sorry th the lacubrions lone of their
 a解 pine. They bad to remember that in in tho Tas Fiht Coke of ILolkbsm, who firt introluced the felung of whe cis they worn bow refel tig the fesult,










Ife cenuratulativl thom on tha gond than，by in
 tioularly thate of the Rayil Ammealtumb Booledy and


 it：$\therefore$ In T
 It．Whe happy to se to raniny vintora from dirtant farly thandiful to thom who came from a dutheos－ Atmakere they worenpt to call the the whether they blimo so voitorm or oxhbitork all wer ready to nive
 thom chum，wo beoliovod they is a great dral of gowe ar st，whing intormation and nvias oportunitien
 and Epiet of agricularn Astrulltaristo did nol wint and wowisp of had wis overy binnge tut they wanted to nlow a litile of the aprit of oompint lion 11 wa
 hand good broed his nock would be moro veluable
 tho compeny for tho mont－rent pand hito．He finend the had thit day wo 12 prizes，und ha beraed to 11 fir Pery much from the Prendent when hereoormended
 had inatructed hus mon how to feed them，and has toraed hia time and tulent to fand puth how the ntimank． could hatit bo brod．Ho hed that dey been toild that ho
 with tho dimes．Fe had found to ir irfirl liowze nore proftitable than Southdowns，and $/ \mathrm{h} 4$ wan tur or fivo prizen with them in compotilimit neantist L．and

 than to state that ho had that day hearit tliren gentle men diveismag the martia of this animals thit had


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 Ead Mr Oremanen wis a luyt 16 higend hat alao woil
 Nere bosed oul thn riglit foundiatien，there being on diatiagtion whatevor 官 to the opinions of thoce who cumo in for 纤 prises，

 ins report of the committee whe promented the follow－







##    <br>  <br>  <br> dave from the dinte of ferefving the orrand, and mithan s



The followe portutrison mande betwe the thre phatie manure supplied by this $A$ ssor $13 t$ int ant the Euynar of 88 mimples of the same hili it tivestiri－ by the Largent and mot，reapectable mativern，shows that
 thata hal the price．The ssmoples wore analyeed by Dr， Lovi nar fir tan kinfa．Firnera＇（ 1 ，b）th（ umber－ prioe per tor sti it ho．，，ond the everage peroentarative
 foliowiog malyens－


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## Aniwn in the keadet mannre．

ins not publeshed the priden． the moviral matters the average percectage of anlyed by Pr．Fraleker for the Kendal Farmers＇Olub ane the fargeat maliery of what yimplint an manure bodiage contained in the Linoolnshire F F a the pery chat are delifered to members of selat Parmers＇ marmures A Soeration for the game value as the Kenda manured The Rmarninted parcentaso of the Arso－ iatimn umanre is $2 \boldsymbol{n}$ juer cent，bat w the rexpe atht． more likety to be erceeded zas the ana j345 stovws， moresphate manure tistribut thal anok．The quantity of




## NORTHAMPTV－

Jwly 1．－The Northemptonshire Sooiaty iz holding ths asnual meeting here in the midst of more pavonr－ able weather for visitors and the livestock thae for the orops，for now that Wheat is in bloont，and Oata and Barley ard ia ear，these dull days and co d mights ame arreoting the yield of the harvest of $188^{\circ} 9$ at the rate of some teps of $t$
twenty hours．



 anco，it cannut fal to abite the stnarility of any agri－ hacknoy clasmes to it horse－dealer＇s and jockey＇s show and sele aretos．
Thimed fatle are a very good shom，Fht stork are here Heen！！I an IMr，Roland Wood ，Mar of Fxeter is law in I So aster ist，and Mr．Pulver，of Brounthton， younger ox eliss，Ir．Wood＇s olderat ox 1 s





Sratr was entered，but，to alt England，nil wishankg h riquived for duties it Brancheaf farted ho woold

Hiontbe＇bu I clas
The coms are a numperous and good shom，with on


W．to（＇arel Brooke taten sd with antin

 timeold hasi stuck up over h－$n$
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|  | with iffent hamer ah al <br>  <br> If lat in the caves wrth a very has ato at ch is too fing in the bous to repremen briemi |
| :---: | :---: |

## Tliee production of．S encouraged by tho offer

 fencouraged by the offer of \＆ 51. phine the premium．Special protes Margus of Captain Onver，for the best Shorther bertat lag to＂member of the 800 oty modem tat
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 14 olawers．The entes are as onplat in in 4 ris pens of $t 0$ each，but in reforenco toold question，＂Where doen fle Infont oid question，＂Wheredoes the lofontrintin breed begin ？ priately put，Mr，Smith，of Qutatane tan wh
 Stroxton，ts ist with a Libvoln，and y，Mantal
 Were Bome fint brown－faced alieep，＇T：o purnens
bothe of which would，in forme
 up two pere ant the ent rif tha slinet then en







 by Messes．Dickerine．
as a perfert
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 borough，for their corubined atan elmat



 Adhby \＆Jeffery，stanit rd for iter thymay machine．

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 Farly cutinut io a drest sitrontane ine wat bero






## Ferm Mempranale

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 -ny. elaphed mitace 1 had the pirasum in is. Dhences at Cirren roter, anil tork - When thea my mand han been fulty ocouniod som then my numd han been fuly pocupicd 2m. in I with pleature an tovitution from , (1) manomber to eximine this messiobs' $+5$

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 $n$ tha world, Clremerrter, Wodmenday biventap
 Enilural Departheth of the ling Nationat
Bhafferifz Rettiz-Mr Iomamin, in fin
 of Patitie, where the het
fine heral of Shoethorns. 1,11 . A Mapm it is red




 hup from takang adrausinge ot lac delay allourd fat






 dive, mith open boilom, In momo monh wate oliv, with open bollom, In mope apoh surn



 erventog fimiva hation a thich oy ripk' ng af amalian mam ix yerds sulasto and buj wo be beand and $=2=z^{2}=4$ culato underneth $2 t$, whaus poral tre in plened on the lop, end io the samete of en liour the blnet alita $w_{6}$ in tro or giore pleope The remorisl of the plapion ront







 heve beon remomed at phom, had there been any sum to Whicl) they mould be put, but on they munt bo takeri












## Che 引oultry rard.

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 amoun of mitrition matior, imi mi whnhew






 anmels the are of litale evel ilm, luy fartres
 but litith nutriment from bria. ford on hers













 form-ant in spromir in 1




the birds require abundanco of good sharp gravel. But wa feel porfectly confident in saylog, from our
 and corn me
 have a room not aucessib by the latne hene In the poom I arrang a row of boxes 1910 in ligh and 11 ins equare in whioh I form a past by first phacing paper over tue bothorl and put sifted con ashes on the paper, abbes I put sbout an mech thick of straw or bay-on this place the egks. At twrilight in tro even og take the hens desirous to sit, and handhing thenu pently phave them on the nests, by mornang if tiey rotnin. on on they will strct; nod those I have net so nor hare done thoif duty I sot not less than two, or nlit T wht, at one least 15 to 20 ehicks under one hen, the otlier beve I shut un in a coop for a week by which ture they will forget to cla 1 , and soon comtuence laying I fint tho Brahma a superior motior, and in no instance trave
thes broken the eqgy whto sottue in om the cheoks to remarn 24 to 3 , hours unifre the hen after hatchang, and they hatch in 21 days from the time of setting. I alwayd feed the yourne ohicks with Cormmeal mited with bolling matar, sifing in a little salt, sufficient to taste it slightly, and mine have not been siok or troubled Wibn pip; last Fear Ino disense. My coops for ben and chicikg nre 20 by 86 inches, tught all round but tho front, which is oper and corered with loth close onough to keep in the hen. The coopg are stationary 12 is the row -standisp on the graund witt I nches of crall ashes for the lloor, 20 Feet square, sud mokets feet ligh to kecu of ent
 wats a base board 15 naches wide o anghes of whech is in the pround. The grourgd is dry, and so arranged that in ringy weather the water runs off realy, When atbes are equaly gocd, My sottiogroom and layin and roostug rooms aro coverad with wood and coal ashes $f$ inches deep, whicti I ramova tor tho carden when necessary, and roplace witia frest naker Connected
 entters gan go to stretoh and disst thomselves I fint the Bralma chuck rery hardy AlBany Cultitator

## Catenurar of opzratons.

JOLT - Faymakag 10 early reanoms in the sorthom combkes of Engiade is ometumen Ginished in June bon it ess often extends into the current month; while, in then rorth, the wort is esldom over before Augues in will through. Generally speaking theratore tha sownge irrigation, from eowage irmgation, and the other modem plats of lrgujt. mannurifig grasz-land ard, howaper, affording or producing many extoplroas to collang aye zomen, so as to place the outhiar for tre In fop infued ately betore or after corn barvest, necord jng as the westuer st the district is the bastsuited for he operation, or two hay crops rasy be tuken, ono before corn Larvest und another after at, whero there
Cominos Turathe town or farm sowage.
Comison Turnap: are oxlonsivery eown daring this morth in the suathern sountios, very goneraily efter Fatolies, Rye, failing Clover, Italan Rje-grass or
other forme crons, and, in a other formge crops, and, in a faw instances, after old
pastures or meadow lands that tare bear burnail pastures or meadow lands that tiave bean burnod prepare it for Turanp sotitg wall depond upoz the stats the lend is 1 n . If clean, a sungle pooughing wit akimaoulter and a sorgbted chain for turnin down the stubble into the bottom of tho furrow and Fell turnmos up the farrow slace over this with the necesfary harrowing and roblag required may complete the work that as , assummio that the seed is to be drilled ita on the flat atonjowth artifleial manture, eltaer in a luruid or dry form articia tresther the lrquil manure drill 13 to be preferred. If the landab ciesu, and to bo mancired wath farmyard or town manure at may bes ckataploughed, laving the
 sontiter man precede the plangh, i's the nature of the fall of Coquires, if, on the other weads, hribbing, the lend 1 s ploughisg. of close plouyhang and marifitimg, dc., msy to be attended to, viz, to keep the matural mointire in the ground, otherwise th will be diffeult to get an man urar in Whinout a pientiful supply of ligund manure. And, beatues, a the process of kceping the molstrire zat the ground the furrow slace is easi broken mown, Bh e, if the memly-turned farrow be not at once harrowert nud roaled at thes season bie allowed to lee and bake ito tlite san more pork and less certanty of a plant will entut Practacaly speatios keep the harrowing and roaing cloge up to to ploushapg, and it the coll can to thus raduced to a suitable condition, then keep the seed-dril close up to the harrows.
Twrapt hhould be harse-hoed as sooz as possible tha hingied es soon the they will permit the ree use o to fll hahind in tha hoeater of theme cas be made than onsy blamch, but dram eaoh other ort of the goil the north, sowing being etrlier boaige the soil. In no that the seconf hooing in very the beginning of thes month - bot bare districto the work will mrobahy not bo fin anons and tle middle of Juily As soon as the bulbe beurore forms, atad the deuver to rise oft the graumd the double
mouldboard-plough rollows the horse-lioe, the latter
Mangels, Swedex, and Kohl Rabl will peneraly requ re to be pone blotiklar second Mangels are grown and hand-hoe. In ithe north Inw iangees aregrown and the hoelng of swedes sid ko preceding mowith.

Cobbayes planted last month will require horse and hand-boeing during tase current one. The practical rale is to fand-liee and lousen the earth about the planixas son as they hafe In rly started frowng, the loose earth belug dratw pently up form the sced - a practice apples also to those prown fron the seed-
practice, however, whioh is 80 diom advisable. Those planted in Apml and May, and hoed last month, wil kencrally requite kong through a second tome diaring this.
$]^{1}$ arsnips, Cartota, and Sugar*Beet, and Chivory also when srown for ita roote, should be horee and hand hood, the loose earth heing kept woll up to the room care being taken at the esmis time not to injure term with the charp corners of the boe. All these crops uxuriate in a fincly po verazed and freely aerated sonl, so tha the operatoon, is speatly in ther favour On the contrayy, hoeligg in wet weather doss harm. When the lagd 18 too wet for hoping, weeds may be kept down with the paring ploush, the smal] ridglete formed in the mudde bengy gilit with the double mouldbardplough, if the land continses too wet for thes drill harrow. But in such cases, 05 soon as the weather breake up, gife tho and a thorolugh toosening mith tio $n$ horse sud
Lucerne, Sanfoun, and $L$ upane, when grown in drills na fornge planter require to be gono throuplo ufter every cuttios, gad ail weeds either hoed or pulled out by the dan The heavy rams wheh general y fall abnut the hasbo to ranse un weeds, and as the shocesfint growth of these crops depends mueh upon whor berni kept clenn, every drall should be carefully gone over.
Rope or Cole Seed is sown thes wontly for consump. tion in auturna, from two to four quaris of seed fer scre beng usad, according to the stale of the jand and weather at the $t$ mo of simpig. The erepp Eucceorts weil after paring and bura hr, especially on fen or peat solls, on whech it answers beuter than Turnips both for feeding and fatteniog sheep and neat oattle. For the former it is consumed on the land as Tares are, for the atter, motro witia a beythe and carted to the house stead or eattle yard Manure and sow as for Turnıяs. W'here T'urmips sown last montit fal, mang farmert prefer sowing Core seal to the ribk of sowing Turmps a secand time Co esced sown towards the atter end of Jute will regure a rough hoeng as ap by transplanking in molst wreather.
Rapw which was sown towards the olose of April or in the bepinnine of May, will be ready, if it has dome in eurl feed og of with slicep 50 wil Yetrhes shwn

 daily, so as to est up tue liape or Fetehes dlean ; but dheep folded on fonlows over nisht ghould not be harned on to fresh Rape lumgry. So alst whon heapy
 such a season form rather a wrashy uiet or fationing shtep; so ts Rapc, and the same may be Bard of Ciover It is therefore mommon to mow allulh crops a day or ome hours before they are given to sheen, and then to een $1 \pi$ low trouphs or meka, the sheep, as they dvance upon resh gro ind, piking up any stubblo left better and clenner thm troy do when turned 12 pon the btinning arop. But, when mach cake or corn coneumed along fith the Tares or Rape, they zany ge given sbortly after they are mown, and when tho green forage does not contain a sufficiency of sap to upply the flock with mosture, water should bo supplied 1 a troushs; for allhouga sheep do not require much *ater to dr,nk, they stifer grealiy in the shmmer In mhen short of the smal. a ant ty they do neers In feed ag off Rape, Vetwhes, Clover, or Lupine, a sultinont breadth 18 taken in so as to opread the steep rather thinly over the adrancing thetp of fresh ground o as to prepent crowding and trampling, and the rougha for cake, corn, satt and water, should for a simular reason be equally placed aloag the whele line, and at a sutatabla distance back in the rear, to es to obviste orossing and trampling the fresh stubble or for the matt of shade in bright mummer muer muen traw burdtes should be prozided for them to lie under Green mantriag is perbaps less practised now than fiensl manares. Most antroduction and $u^{\circ} G$ of artin and, as Rye, Vetohes Buok her pape are mare profitably fed ofi by sheep, or otherimise consumed by reen man But orrasionully exceptions orchr whers no or more of theso plantig on hesie tand and sowing frar plougheg in for $t h$ heat, is \& chesp and effective practice for mereasing the $\ddagger$ leld $W$. $B$

## Notices to Correspondents.

## additest

 (mer on it whth hay Chacky Solt, $B \quad R$. Kcop feeding
 opedilst mixed ip (after rutheg) with hal large nell roited - Idering





## H. JRONK Axis Co, Sole Mantiry








## F BRABY AXD Irom Cirtorat

F. BRABY ASD CO harigg lad domitar an
 patcon mpil at vory whore potice


I STS OH APPLUC? 3 OLI




CoTTAM'S HITRDLES Are made en COTTAM'S PATBAT POBRABL



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 Heating by Hot Water, HOLLAND8, Irox Menchast, , from olook-p. T. E.

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YTONS PATENT HO'AODSES for the



ATPR IPPARATUS of overy desoription, $\therefore$ Foratiog Ptur in
 Latast Improvements in Feating by Hot Water


TПE IMt'ROYFL CON1CAT. PIVFKIES CUNSEKVATURIES. GREEYHOUSES, MAY\$10 * It LLIC, TABFIIOTHEs se sublet Mantycture ny JaMEs (a. Follaris (frocomor th John R Polls, lato Bteybrinod \& Pathl, \&t, Stuntenbary Street, New North I: $\mathrm{a}, \mathrm{t}$ —n
 lowhete in proved arman Tputhos no hrac: moric netting. Theso the ers xTs ative adapted for aitaje ia Brecliwurk
HOTEWATBHABEABAT: B foll's Cobum, GRXEXHOEAEA, Tobuiar Beller



 Win whin Thpas, to..trelante

w th rorns for erodle and for dolitery at outntry

## SHANKS゙S PATENT L.IWN MOWERS for 1n69.

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Pe


# I NIMN: THE PATlRONAGE <br> HER HOST GRACIOUS MANEGTY THE QUEEN, 

\author{

## SHANKS'S PATENT LAWN MOWRRS

 <br> ARB ALE YTTTRD WITH PATENT DOUBLEEDGED SOLE PLATEE, WIND GUARDOS, AND SELF-SHARPENING REVOLVING CUTTEXS <br> Advaningea posented by no other Lawn Mowers}
 convinoing tintimony of the onles and succent of the Improsessents introduced lat Snaros.

## HAND MACHINE.

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## WIdth of Cuttor <br> 30 -nech Mucbsise 4-2nch Machine

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$$
\begin{aligned}
& \text { ALEXANDER SHANKS AND SON, DENS IRON WORKS, ARBROATH; and } \\
& \text { 27, LEADENHALL S'PREET, LONDON, E.C }
\end{aligned}
$$

Ah wties kept there, whethey fur Horse, Iowy, or Hatd Auwor.

## D

## Now is the time to $80 \%$

 OBRONS＇SPLENDII HYBRTUISED



 Hardy and other Bedding Planta



 seuman ginacs Lut hioppormum prontra imp Pines．Llirodta Bine

 Pans，


## 纞気

The Royal seodmern．

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JUPR＇$A I L L$ FARM，DEDBAM，RESEX： CODE HOUSE PARM，ABDLEIGH，RESEX EAAT HOUSE FARM，DEDRAY，RSAEX



## Ftuen tuallty，per acro， 88 ，to 5 ge．


CARTER＇S MMPERIAL HARDY SWBDE，
The burdites axd best in calcaratiog．Prlece in porib EbIDENE OF DCAL CY




> CARTER'S PRIZE SWEDE AND TURNIP.

BALLS WESTBURY SWEDE



 Cheapor per cmt or bushel． For tail descriptinas of earlipiry Prize Stocize of Mapal．



FiNWARL HARKE FRANLIS－Puraiant to the Act







[^27]
 Fietorile agd Puraduo 之urnory，Uppor Jol oway，London， K
 Hild conbinence oftor hil suporb atthis or Fritiolia in Loldr the finent to crititration． Red，Fhito，or Mixed $\qquad$ 2f bad，3e，ed，and os

 （Diche（ CARNATTOX，from Frjx Nowar
is orime
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CLIAYTHUS DABT＂YHI


 ECHEVER，YETALLILA（nem Rodding piant）

PANSY，fomm mirse flownt
PINK，hount boly lau rariettos
PINK，Nouble fringod vory thio
 SWEALIS VALDIVIAVA，quito hardy tho flowers art mit


 AYOSOTIS AZORICA FRE CEELEETINA，boantifol akg btot
 talsonia

Fistoria sad Paradiet Napsocy，Opper Holtowny，Lenden，N．

## DIPLADENIA AMENA．

## J．W．WIMSETT

## braf orebt pleasure in ansouncino that he has fcechazed

THE WHOLE STOCK OF THE ABOVE BEAUTIFUL PLANT，
Raised by Mr Tuke，of Branaley，gear Lueds，who also maised the lovels Dipladenia mpablis．A Trum bequiful D emoentu iq given in the＂Fionst＂for April，1868．Plants now rendy for diatribution． Price 1d Guinea each．Strong Half Specimens， 5 and 7 Guineas ech

May 1.

## MANCHESTER ROYAL AGRICILTURAL MEETING，

 JAMESCABTER＇B PRIMULA，CALCBOLABLA

 PRNOLSA．
Prfrulals，thotport praket， ，dark armine，＂tragion
＂OALCEULARA，













> ASHBURNHAM PARK NURSERY, KING'S ROAD, CHELSEA, S W.
> J. WILLS, F RES, Yorma

## COT TCITOTT

237 and 238，HIGH HOLBORN，LONDON，W C．
intitz ingrection of the large and varifd
COLLECTION of GAMPLES of CARTER＇S PRIZE MRDAL RIE
on miew and balb at
STAND 323，IMPLEMENT DEPARTMENT．
JAMES CARTER AYY CO．，GROWERS AND DISTRIBUTORS OF GENUNE SRTO 237 AND 238 ，HIGH HOLBORN，LONDON，W C．

## SEED ADULTERATTON BILL OF ${ }^{1869}$ ．

It having been intimated to the Promotert of the abowe Bill that Members of the Seed Trade trougbe
 the SDitoas of the Gardenerd＇Chronitie，who have consented to receive Slibscriztions，and witl be auknowledged in the Gardoners＇Chrowiele

Inserted by Order of
THE COMMITTEE of PROMOTRRS of the B［LI

## HAMBURGH INTERNATIOII HORTICULTURAL EXHIBITION．



## A SILVER CUP AS A PRIZB

FOR THE BEST BEROLMRNS OF GRAPMg 8HOWN AT TER ABOFT EXHIRTIOS The Committee would at the aame time call mttention to the faot that LIBERAL PitZES are the HAMBLKGH COMMIITEE for HINES，GHAPES，PEACHES，MLKLUNS，FlGO，do the Coliectuons of APP1．ES，PEARS，CHERHIES，PLUMS，and othur FRUITS．Thoy beleere thes forwerd Paokages of Prum proposed for the convoyance of objects to and froms the show，wat of

 s＇fikUCHUREN intimation of the untention to exhimit ahould be sent in not juter than July 31

MR．GEURGE EYLES，RUYAL HORTICULTURAL SOCIETY，SOLTH KEN

merit -Roberr Thomesan, of Chiswek-than
whotn fuw, if any, hase ronderel such ulsWhotn fow, if any, have rendered such uiso meteorology, ny well as gardening generally. It cultural Sodiety, there mught be veriety in the rearals. The mar who dues oun thing well, might not deserve the same recognition as he may be left to the wisil in of thooio who have the prowti of formanar a new Tegion of Honour, c.msidering that auch distmetron woull be bighly
 atrmulant, and gratts a bugher status to hortculturists.

In one of the plasant artioles "herowith
"I. R. H." freshensthe pages of the "Gardener." the genal rosarian throws out a suggustion fully
worthy of rijertiantor If discuasell as we trinst at whl be, we shall have hopes of the roalisativu of the pet act.
$\qquad$
Sis, ouce thiss matter get- forly mentew then we rad " lad on whith a pootly structura
 Joonelon have a permanent biching likn uther folubs, of esurso on a cesio propertioned to ats income, where wo mitht reail our newspapers, ovary probabilaty that we shoull moot maian
penial friend. Only Iet Mr. Ricrand Dray gireot us now, and thare wruld bo tio foar ut failure. Not only in London, but in E haburgh,
 at pros, If if heff la that he Juass aght to cla.m
 of that (irand Loulga whom thist manter wore an
apron of leas.a, ar. 1 when hist members apron of hation ath the in fitst members
 $\stackrel{5}{5}$
"Uarrich' 12 King street, of some famoul chiefs who had conforsed roal benaifth npon the
 is the engreestion thrown out Erery one will
assor, t J tho principle, we expect. It is the iletals that will prove the atumbling block. We have rur own emirrotac schome-a schemo that
has thas in ota fas aur that the geceneary room or rooms mill probably be cusily tibtanihope to wh mato th ir midutary ltbrary as This, too wall $t$ itu a titt lig phate for fuch a
Welhalls as Mr. HoLE, speake of; howeser, we profer at preenat to give currenoy to Mr Hole'a
suggestion, tud beg our friends fo think over the suggestion, and beg our frends to think orer the Mr. Holf., why er rtasis may be satd very much of what wis tom successfully practize What, therefore, can bo mote beetming 111 encouragnerg to others than that the reajers of
 honour to whum bonour 28 duc, and sweeteri
his rotireupnt mith proofs of camegt $\$ 1$ mpathy. Hut the privato netion of purleners should nit prestith hitstisitate the wes of our boilats If wo bitn rin othority willone or exmputart it
 constituted. Wo have at least the nucleus of it in tho Royal IIorticultural Society. Already it has partly assumed such functions Only a week or the largo pold medal on Mr. Waterer for the high exceflenco of his splendil Rhododendrone This was as it thould bo, and it would confer equal honour on itself, and renler is good service to horticulture, by bratuming lake hosotir on Mr. Jues Bafases for the example and loring labour of a labonous life consecrated to the adranicement of horiculture.

Neither is there much risk of surh rexarite 1
 the lifrig men amonght tis who winla be ontttled to such honours. It maght keern invidious to name thein, but there is snother amongat them, whose coarse if nearly rux. Who
ought to be one of the first in the new oxder of
invitation to exhibit, more espeolally in the department of fruits the tratumisston of Which his entail ittile or co didieulty, anasmuch as a liberal olfer for the con veyanice of oxilbition artides las been pisde to the Engkinh Comantiee who will take oherge of, and believe they will be able to forwird, ani Eagesm ond from this expuntry to the exbitition, fres of coat to the exhibitar. Intanding competitors ahnuld at once communiesto चith the secretary. Me. Erubs

- Let a remind young gardeners that the Royal Hortacultura sounts Mis Mampier Exisirsation taker place
at 10 A.3s.
- We may call theattertion of sach of our readery no may be unterestod is the matter, to the fact, that the

 gontleman gardenary, for colloctions advertising oolumns;
 koods, and vat up in a nemed and tastefut manaor. In a latriet 80 famoun os that around Mazchester for horthnultural talent, there shuuld bo found masy competitors for ao thoice a prize
- The exsmination of witnesses before the Select Cominttete appointed to colleat evidence relatang to the ADULTBration of SkEDS has been carrid on Monday and Thursday last Sereral witneases wer examiped, end the inquiry standa adjourned thl in giving ovidence witnemses will reply only to such
 redpo To axpect a seedman to mrely scientiffo quastione is as absard na for a mon of seience to give an opinion on the details of trade pratices.
A. very effective arrangembant of Sedums and smular plants jo now to be seen at Messis. Vertcers nursory. For terraose, arohitectural gardens, for town vardens, or any aituation. Where this formal style of bedding is guathble, Kesers. VRITCRº rased beds whlt supply valuable hints. Messes. Thifori, at o ir rei, usit, havegiven us tha followink rartic mars of the plants, and the way sn whych they aracistributed over the mounds -There sre three distinct arrangementa, pather in used to dofne the dramund-shaped spacse-each spsce beiag tilled with different piants. In the canter of each of Fhe three top dinmonds there is a large plant of the
 In each with Alteruanthers ambilis and versicalot gnines mid Klemis repeng. The other dismonds pro filled witu Sempervivum californioum, tabride Forme, timitors + In, anomalum, and montanuza Sil over a 1 , in it rucomosa, gracillıma, eajeophanz
 datiz, lompifolia, orrstata, Sedum turelor umo and araohnoides In the second sraxament, the slopes in whoh we smallor, there it an oblong pattern. Iu the ceatras are Allarnantheras of sorta, followed by Veronica candija, or, for varicty Anlorictia variexaln-
the groandwork being the Golden Peather Pyretimom. In groandwork being the Golden Fentber Pyretiruma, tried, and alif the fiopes are planted somewhat difforantiy. In the third plan of prrangement the slope are deroted inore exclusively to alpines, so The patteras gre of owal form, with oval cantre of glaucousronnded by parious kinds op plants these bonng burfilage. Amongit others are used Thymus lanuginorus Aubrietia purpures Antennerim tomentose Ballis mumma, Carex coluruta, Lhipailis prismatious, de.

Example is bettar than precept. 80 thenght Major Clapse the otiker day at the general mection of the Hortcuitural sooiety, when he siceor up the ine specimens of Giavi PrFF-Baic, and caused the as
e gridert looks of satisfientin
baumed on tho countemances of the members of th Collowa prownt partople of the delicacy writh it the the nod wrambling or prejurheed loathing whinot usually satisfoctory, though We think thit maycophngyista (excuse a somentible. Por extremes in extoning the plant as other edible Funis', wo xefor to P .1001 of our Last year's volume.

The Rusal Niraebics, Slough, whwb were fately put up to audion, heve, we learra, pasoed by
 shadow aoser grow laga

We have jugt recoived some currious partly woody and partly feshy Excrerscencess from the aparjoints of ViNEs which are qute new to us thiough ercrocences, which are Eubglobose, resemble exterand the reeembtrine is not confined to the obscourely areoleted ertertor for the substance withu tis kiottleil elose tospection, the whole pellid subgtanea which is surrounded by a coatsie hrowa barks, is soen to be divided into nevoral moze or less dialinally dolined areolde, those tow inds the centire being more obscara he sreole in that puthre obtwas in the ark, ktough

laving betroen them large intersellular spaces, and surround tug tuce is the ord.nary radiating medallary t.ssue, ncenmpanared by gome dotted pars, open intermechate wedpes of woody yessels चith partially un-
 so as to presens an anpular and sealariorm surmbar of The whole masa is epidently formed of a whing are monfe or lesa developed, stish, at least, is our interpretation of a mere licr zoutal sulce cif one of the burts. It is far from and unoommon thing for the base of eppurs It is for from en unoommon whag ior probsbio that tho in Viase to become gouty, and substande before us ls a mere exagzerabiock, we shouli, common appearabce, he that the cause is very much the

 thror' oul custer ne one or more of the burra ths they art condecied to tho stem, Wity decided opinion parlinpy
$\rightarrow$ No rule without oxcoptions. Boteniska have, by general consent, aivided embryo plants have one or two cotyledons, and the dietination holids good in the preat majucity of inetances. liat in the banuo grinus it cometimbe happens that thare are plantre with one or two cotydandy dicotyledonous, $P$. vulgaris and P. krandufora aro monocotyledonous. From mudeations of the presence cí five cafuele to the ovary, Dr Dremsuy s ine.ined to put Lentionartaoers, the lamisy which it amees its free contral placentus.

## New Plants.


 trobson serratín laboillo e
This is a jucaling plant. It has the habit of Catileye Travas. and appeared among noolledtion of these. the Hower is winte, with a purple hue. The petals have thav teeth. The lip is garrow, cuncate, crigitculate with a toothit each Eide of the base aud a cunsate oblong toothletted lamina. The four pollinia have no enadiclesa and look es if they were composed of two, conduent, as in the mule Latias. Can tit bes mule between e Brasavula and Cattleys Trisuse? It is mast decodediy the
 We found th with J. Day, Eaq;, who complaned, with a melamcholy look of these, his pets, belig so consstanty very ugly. We are afraid Fe ahall have to bear a ieavy burden of compisinta, as, theo


## PLANT POIETRAITS.

 A stove pormintal, with a mhert etorn, Gong lancobinte ncuan


 aced frou tioldad to How.

Lecilviras-Aty Hore 1888, 291, with flg with oflen a 1 hnonsome rabehrably tamperato










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##  <br> 

## 




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$y=$
$=2$

LIELGREEN BEBRMMRTA (Cometiudol fros pryil)

## THE following speoies, tudpated to torn

 fescratSour ducfoha (Torts del Fueso) $\rightarrow$ There ur tr
 distinot species, whioh
Hooker ta bu tic hasdsomest of the gay of thas shruh $\quad$ re descr bed as belog acher, cornacequas, narh surluto drad mpow palo ceneatlo, the margar coarnoly wat foliuge is sad to rosemble that fil the inflorascenco to be very dufitan it may be rematrodused for orntreation in tho

 oresad th. They are leather,5, of a due pyay weth said to be slaglitily mjuzed by fotf areme for species dots rotitppear in apy 0 but is probaby yhill Qxisting

- B parchflore (S. Amerta).-Desenthal a
 raller fiue spines, nad bright 8
are about ly mesh long by jucta wis 1 eud is almost always divided lato three equ spiny teeth: other ceeth, arenactill sin ive or sax togethar in tomding sublen Wres fret introducad nagny yers sing ar yo t.o ppecies altogeiher. If in a


## Tlio flioriug, with the exceglion of has

 w.t. a $\quad$, bemg rather oommon, for tis great palmato spines
 10 common rualdeit sirl. (Non (irouds us vearing lenves ois two sortsonthe loiver when jointod with tho utwic, which ls Fary 10
 rery glatuous bencatat. racemas, drooplats, and se then peolmen very fer of the learea hy mo tho


## Hu tru or

## .


 tretlagg buab, wa Llı sta

[^28]$1^{t}$ tuch an lerigth．This species ean be stia had from some 0 arhorles
very litu e known of therim There appestars to bo
 c：llection may，lowever，gtve soric dea of its aj pear－
 of 1 ，pars of leallets with and ode one Leaflets about 2 wathes 10 leagth by shet，Lroud，thay aro

 glaucous．Tha habit of tbe plant is more erect，throw－ ing it＇stratsft shools of some layth frome the hase vit 16 other respects its alytearante is such that it moptate betaken fur one of the many garden fritas or hybrids whach liwo beer raised froni＂fascatularis．＂ From lae appesance at the loaves of thas plat there seems to ve no promalaty of its $\ddagger$ roviag Lardy，but it is handsome enongh to render it worthy of a place 10 oonservatory or greenhouse．J．J．

## ONCIDILM HAORANTHUME

Since the exbthition last summer of Irond Jonkes－ hormalts time s．rety of tias pant．the erimer＇s of

 larger than，but of tae us．are st apo an，ito lateral mepals， altarthert by a br asil sha rt sta．k， 1 ，imparstively



 firm shad twith two lurue rewred lecth or ether Bide．Coluwa wags broat I＇ETom if

## GLAZNNG AND GRNENLOL゙った BLILDING

Ar length I have gangel a 1 fic k t I we to wo into the ca culatiun of the cort of obr n＇m stru ture for the growth of wariematel belargonume atid us it mas appear to bo utt of the us sal sty le of si ha ul dinga， thiult as short cles ript ron in ade of tro sketen published in the Gardenern＇Caromuce（ISid．3．185，may be Thectable whole of the yonr reader：
The whole of the briok worl 1 Is 1 －1ach，or single briok；this is rough eemented insicio whiere corered ap，的d flaished where seen，the cement zued is the best Portland．The reasons for this uny－first，ecanomy， and，seondly，alteakth athe emdurance come
 more suitable＂for the phents in ell seasena than citluet boardia or slates， as it becuree pood drainage，with freely drajned yet muist botlom，end is therefore a moro nilursi ondition for the well－belug of the plants．It the inner gide of the pit were not cemented，the outer walla would bo dampl and in frowts weather the work would be kria to rowis．0 a fow years． This would own even if the outer walls were 4 anebes theck．Thus I Lisvo expperenced，whereas a wall well huzlt 10 mortar of $n$ single briek $n$ 1 tiek nésf，eemented imside to kerp it dry，will last a I tot me I kioul，hero （beerve that the external whils aro nat whented illos inner pit bia a crose wall every＂fer 1 ，to contuext 1hmmer wall of thin fisth with thie outer walla， Tha enabory the a rik to bear thio wewht of tin berd of of tas anc： 1 o plants without bulgug．Ther ${ }^{2} \times 17$ thertiven in the costre of this house， dividing 1s into entus）parle of 50 fea utvidige it into The hergitun the centro ti 7 feet，the outer walla from the
surgue of the ground wre a feet，fide surfaco of the ground are veen，ind Width il 11 feos 8 inghas，the bars 7
 I have estimated this bars or metra－
 deep，the cig or veatilator if iveh theok by 11 behes wide，broupht down Rt the edperg to 1 mele this siould in tire zusulite itwo on titid lie leatter if \＆feet long＇，ou the upper kide，to
 be 2102 frec fromlensmes，sind chorald be a gove har byt rataphe ayotd false coanamy bere．l＂at arches for sup－ porting the roof ahould bo not les

Clatr－Tliss fine bise beome sery searce，the mery ili it the sriter knows of If cult vated being that of Mr，Dencer，at M．．3ve．abont 20 inches in lenath，and lanceo
 Ez．whin ast is lemarkably brilient purplo trum the it pearance of its leafits，whink are
 Thit，says，that he has sienen a specimen of

 punts of 13 trifarea and 13 nepalensis are et is froente bollig slow of grownli，and dilimatt cogate exceri frum seed．

Mexico）－This is a rather remarkable imit 25 ita lesflots are quite destitute of he this trisy are ovate－lancealate．whith on It－rur il rent，very barrow torrkel，mit



Mexicor－＇Exaty distaprestand bs anyti I nuited leaves be no orate te byplit cromen，and perfectly frie froms
 tidurub，and is in＂）It sppears to be a （Mex col A Lanisome sreemhanise ather thort pinnated leares，the lealieh pars of； 1 with termial one． in size the lafgert berng
prominent positton smannest ornamontal epiphytes． Nor are tlie feelings of admuration whach trere exmited by the piant in quastann likely to be other thata strengthened by the beurutr ul xper inen，with 3a forerv， which we have slrendy nuticed as bative blommed this year in the thnce mbertion of 1 Salt，Fisf， and whith was exhithted in ail its loresmmes at tue meotipg of the loyal Itortecu．tural Sncmety on Taceday last The phants of tuls flrst－c ass Oreh d were，we beliove，distributed miler the mamo of
 the is．Sist fram of lifachendech l＇rom that plat th If isflef，it wnual kem to di．for hy laving all its sepals ery diat neths stat ked，the arsal obe not the mh the lateral ones not wedge shaped，but blintl？obl one Thale the crest on the lifi las not one promaneut tonth， but two yoversed teeth on etther bude of tia centra keel－mary wholi are set down as the characternstro features of O marranthum
The woported plants aro variable nis ta colour Lnerd Lnnjesborough＇s has darkish nive－tmled sepals Mr So t＇a thmagh lasing the olive fint is somewt at
 pure vel ow，The lecloneal characters of the 1 ant are
 and transversely stinkled when ahd Terses oblonk．

 with short lateral flowerng branches．F nsers With short latersh howering branches，Fiver niters large，slowy，
 Ludulated，the dorsal onn romind ch－oblong obtuse，

hurned before drilize：the serems used
Malpanged throukhout inew elf the nork The imnr－pretw are
 are dovidel as semat in the lit are
 dy no maty thot hy dime
 strout．amly enst 1 ，o，



 to cise a ittle erean 1.5 an 1.112 intes in course of few months，yet 13 eatsily evatiel cfl with a cight，and hen strounly syrunped A lad casu clean the whule of our house in a day Once of thrice a year will sumice or this，and a wat day is best for the job．When that clesned the house loots as if nawh giazed．
Some of my corren mudenta have heen troubled abous luss frpansion This is very minute，and rany be
 deep．The thitst weft only enter timed，teavinh a met
 preferted，the $\frac{1}{4}$ ，neth indetit be if ets witu a siy o


 ${ }^{F} T$ Amsth，Lulusis

## 7your Correspondelat．

Gladiolut insigass．At it a cermerlss thuner for

保 or tho tume it rould look ratid，or eqgen of use
decorate the oonservatory it woud form an obpect of thit nost eogspteuous and effertive kind riverybory should grow it in the horbncems berder, where, s.
conjunctiou with bue Lelplintums and whte Pituks, it wound form a rach rambinal on I saw the alber day a ting bee of De parain in tuat lorkea the rebes


 produce $a$ sen salf ,jal Led I ans sure. Its tutue of ploom, ng w th we it the opou groatud comuniences abont June sic. The buab is quthe hardy, an i ktarts its growth W.ater Pots of at liousel tiarousth the winter wils bloom a month carlier, and I hato no doubt but that it spikes, and the fact that the llowers appear on the upper sido of them, tend greatly to sadd to iks beaty, It $s$ one of those rua decorulvo plants that, ailluadet
 Manare for Transplanted shrubs- 11 isve found, $f$ there are oaly in en trees kuat require invikorahug, that poapsuds or a little train-oil poured down a hole maule planted shrubs. it will not andewer, hotever, if the preen are wanted to flower freely, is it oaly asgists in making wond $T$ Rgmfied
Tremperature of Junie. 1869.-If four correspondent "A. F B, ${ }^{3}$, G8S, hat hal no graiter depression of be thankf. Its this 'lowatly the weather has been cold ard cunless iw the wint from the east or north-

 The mean or averakg tenjperdure of hend nonth whas to $57.25^{\circ}$ Ihr bd 6 , mosith the thermonoter has Then tontrument used is Case an Rernsterimg Garder Thermometer, warranted eofrect, Junce gth, गmint

 to farly eel pere a.l of the spring blooming kivids of thes
 bofure the lovely uew variet s, szormar var cotlestina I am not aure that thia kind is hardy, as I preserved myy planats of th mised from sead lost year in a cold frame through the widiar. It is well singted for pot from 8 top inches in height. It is a parfeot, giowing colonir of the forers 14 \& pirirplatiz bluef the pips aro us in the ertrg tert in azalss This litule plant will that It
k. I an cor hal
 sod at moperiod of the growth was it more jovely than ict then, ear Little a hoot had ita tuft of pretty blue
flowars burating out from ita cuntro, and coming ata mie whut other flowers aresmaree, it necessurily makea it all the more valuable. It seerms to me to have a capacity to arcanmodate it-elf to any prostion, for at thrives as wel. under the hot oummer sim, sad upun dry gravolls soil, es it does in the of di winter or in done with me, I should like to seo th. Sly presont stock is froin seed of ast year, bat I fin proput sing largeiy now from, not expotiy outhinge, maximum of blooming $[$ gate then a aberal lop dress iag of sifted pul earth til s for two purpuses-first, to elleourage rots netion um the side shmola, and secont omake ${ }^{3}$ hitt neg grountwork for tie sced that will As the side growth is mado aner tup dome blooming bhoote, if carefuliy pulled swas, wit be found to be well the-way corner, it is only necemsary to Lake a dibber ath fix them becurely in the soil, ginsing them at the earne
 bave beent tuxs careful to parkicularsse tho bert mode oultivating thas pretty fiswer, because I beligve the and then that it cesa be grown with comparative gase


 during $J u x$, will by Miohatman be BIx titues us large as those grom from seed sonn at Musurnmer (whicl pas as early as I could gather mine), sud may be propasdeargur is made to poprlarige sutumo. Whan an plant, assuredly it may bo done without 60 muchown bonity or apparent maviety fo shows to the 60 much vordoing of well is the result of the the world that its krowledge, when in rality to sa because the ploperior quention will grow botter without coddligg than with Groande Yiserie
 lion
1um isu In is eriatis on thems flan on oril nary
th.rds by pulling wp the shoot on when the bunol grows, and propping it above the bunch on the lork of asman be prosided. Tho bunch will then hang ga front may be prosided. undergide boirg first tumned, it may be lot down, nad a littlo Do.sis 10 g given as at hes dug. on of tiate shoot breuk irgg off it the buse whit be past of the shoot tow to be klart.y sbli to enable all hrower of the 13,ack Hemburgly to syom Hr li vers, with a fine-flavoured, arge verried varigty If that liripe, which qrows naturally, wh susia a way
 siat ger teman, 14 - "The news is too good to bo truc, he says I luve hrown the Grape for severa fully deserver that oharacter. Froma knowiny
origin, itieve orlgin, I believe loo that it is the only plant of ismmu $n$ cintion of mige on lay ar domn the shomets of a Fine in tuese pineries, it is better to say that pheces of th.
 destroy such shoots, and that too cpen if thenr tey atit is supporled by anotbor stone. This should be eapemally noted with regard to the leader Alexander boyle
Honaydew.-Professor Westrood is calutious in his statements, as becomes a Professor, in fact. it 15 always safe not to contradict. 1 wif hitato h1 caution Nevertheless, I venture to say that I thind it wilh be fourd that no boneydew exists but il nt Wh. 'h is an excrementitious deposit of insects. Whero tor aph des are at once ay parent to account are seets on the broad leaves of Syesumore a little research mill setic ra ly disuover lar proditectrs on the blonsoms or bounger shmols sowe yeurs ago is statement was made in your Journal thet rittack of a pant by aplos believe it is I read it, but withiu half-an-hour curef it exammation of the planta $10 \mathrm{~m} ⿳ \mathrm{~m}$ grienuouse convinced me, an 1 my belof nost 18, that they aro always a mure of ssp becomur hisplessted and probably so faryour binght are econstlered, th wit be seen thit warmilh and ralu hase first stimuanted krowth and then drought checks root action, so that the houng ghoots are always in excess of roots grown to mantain thotr Lrown inds produces in stato of san which is the yroper food of the aphas, and k. ves him raphd and inexhaustible. J. Si, Sitrealley I'starage July
Julghag Cuombers and Vegateble Marrows.-Will You state what should the the standard of excellence in judging a Cucumber for the table. I Giad that the apraion of judges varies greatly as to what is the best size and shape. I observen at a recent alow $t$ at
 for table sbratio feet is leagth, and ubout the rize of a

 of diameter Vegetable Marrows ars renerally judged by shape, but 1 hold this to be an error I think each one should bo cut open. Last
anmpuer I tried Bux varatien, and one of the worst shaped I found to be the thilkest fleshed, with littlo Gardeger "Cucumbers for exhimulan shoule bo atraight, cyenly swesled close up to bolth onda, amoots: or frue frozi ribe an tho surface, ant in lengeth shout nine or ten times the diametor. General y durk ifteen varietief with plenty of bloom, and black spines aro referres, thonushas the best of sla, Cu unbers belons to the rmbath-skinued Syon House breert, these latter points juvo.ve sscrifitury quality to appearance. Lence f Cuembere. In read to Voretble Merent raice ahapes are various, but as uadoubtedly one of tho most ripportant iquilites is thectress of flesh, superio "eignt for a given size woud be a pretty gouil teat
They stoulid never be shown larger in digeter They sloulid never be shown larger in dameter tian

Onltivation of Orchads. In the oultivation of Orelads generally, it is much easior to imitate the tatural conditions of sume plants than others; meny cultivetort arg badly maled by their own ideas of Nature in tritag to imitata hez too closely lor toith houses, and geperal informention on the calluvat on min ate trere ara maty fort aut as much ho nataral
be a great worn to ramedy 1 , satate of thank Woud oubl sh the result of taer exprrietue with ther an
 thons under white the compare notes witi 1 ho con fill undsitatie to say that more Orchids ing atare. Hhmin thalast five Fears by the e00-treatment ferer cystem in tile killed by what some term the eteming ysiem in the presious 10 gears, merely because the The has been carried to a greater exeesg itiat the other Three-fourths of the whole farnly are cool Orchidg, Fas is to say, they require a cooler resting aestion that Fas geveraly auppored requalte some yesrs ago bul the coolest of our con Ornlude wall bet the bet ler for a growinu temperaluro many deikreen in excosa of its mgtural


the elimate less rariable, the sian ther the
 duced to show tin
phants a their scowin hants.a thent grow

 ears and, when the coal thrin
lised a fine collect + ol of Ddonder wer whe at the conl er d of a Caltaya hJustan
 ow ciegrees rox br, blit lipy stood an a auce was reely veot. ated-in lact, ere esther money or skill could do or sor anke thys house a iapply home for Cattleys house dud by far the the to thoir
 uta or itio former hou*s? Weil, the kiet Fatter fro but us regards the da catemoy house, anytiouk Irom Tiv lo live stares pioseum tiolso was reneraliys mund duer to reoesrculat on of as and seluomabove iv Hy oxpermacris hat tle esp zubjects tut b

 ound natural ; I I lave auted from lum to to
 plant could be subiected to it its rularim
 quent y foulud, und show that the finet posi pectes perhaphe brer coltisated or abdater cutintry was aroun at variance then min Orevid a fos and groning most pleanatily the broctis Is auds, wa ch form the boants


 qreatest luxuriane. The are and foth an the rocks, witchare frequiteliny to hat that o of





 where t reverelt osamo cuatera leare respect, zont faw planda wotits sppors tu: virianco as regards tlacir rappectse datro 1lie nerfertucin to wLika bralu Were cie


 deatly a stronizy trllupioy to do so ertan have of late bearo fot a burreapood, of

 of cool lirumment" Raherf Butken,

## Botama Gardens, fidasjut! $=$

 (eontantued abut to lis ens distant, phsias in



 st inted Oise, Fig, and espres, lisekt apleprath, ath in
(1nes kroma in the open Celds on the Conl nent - be pectilar peat orcharws, in groyes, in th ckets
 oun ind an wh er, slated, The cxplarnation
 e smarer in $r, s_{\text {ra, tiless, sumburnt repiou }}$
 ot so swret. so en rusted w th sulg

 Graties 19 a tense alre of liuma. lie.ng: subsisting on the botnty of vatur
 ncks urupp, Leg out of LLe limestono $2111+$ - probable that their prasence give mact
 wt i $t$ ar bapay vasleg, in our thack

 It 1 , Dianages treas possess roots that cave
 moty Ift emerth of rood nand wite



lat ir ( 1
$\qquad$ rir forted by the dew of neaver, it -r. frut. or at lea-t ratabe firtat, unde
 - il frir the next sebson On one necrasion arr lef and walked over so or its aress of the sionh 3 or 1 nobles high, two or three The calcareous mountan ridges 1
 they scem thie buro bunes of the cart rorre

2

D Date ishers, inda many ion es in circumforenco, and Aug 1 a amed rillage or town of Ptchas The
 d astr yuted the 1 'almes

I rembinod here seqeral is 2 ar volitpanion
liere were talials

## altit torn, anc tic or

$d$ in eoostant irrigalion satrenchea, it

ae $\Rightarrow n_{4}$ thorounhly wherever there wore
age 1 n , was I reminded of the Arab ater, itral thim head jn the fire. ${ }^{13}$ There all saes, from 20 to 100 Jeat, of swery Rome ctliers aratefully twhatod or jucliged. sis cures, meltindical.y ulantel The Date ev ant f is mnst ra, uablo property, and the with doars bere add thers, admittiog of eary and edrass. The Dhates mere heing kathered

 Dates more too valualye a ert lit treter for ewarylla nig elise not to mil 3 apperthey coull be eult. nated afacr. rrifated Th
 wht. It e sull of the distred 151 m
The Dite are ght hered by boys bus Bror our ed, li :ati in the sinme 1 tue satne brown naked firlds
antec (aroubas, 0, ines, atin $\mathrm{F}^{\mathrm{g}} \mathrm{g}$ Wheante has a good port, in a of good bas monmerce. hut it has no Fallay, 20 rirer, she coe goon sprity, when never drues un, abd does Heren mumh dim, mbsi in years of drought This
 Tinier do drouphtititants. The tonn utself sifor this



## -

aparse foliske, planted along the siles of the main roed,





 gocs 2, Dut dut west for about 15 ind ifes over wa, caremse by whoth we enterel Alciante tre mintry bore
 fratir crop. The Leils were all umited by the sume
fittle baiks of earth gome 8 or 10 inthes $h$ high to keef to ruin that had neper corme. It was painfut to th rik of the loss, and prolasbly ruin, entared on the cult, vaturs or the soil by a quccesson of seasons such as trees suowed that the drought, although greater this reer tlan usulal was not ant exceptional event. Indeed
 gericulturists are perbaps het ter o : Than hoos. is anm replons sula ly onnsidered mare faventerl An an


 an nutpost of the Freth srave ent Le hard red of the

 roud, fromt he deeert to the pase, and that a thon sand
 Alzoriu from the locert, mako for the masens tirounk the fllas, and if there 14 a rosis follois it, cempuig reprce of treas, and at night to malke holes in tha ground, swoep thom into thio do lee, and burs thetus I left the


were contauered if tlietr tu
boppera : a siagular highors,
oppers : a siagular historg by the army of grass. On striking, as we coon did, the wallay of the Byano
 were then totio feet 1 sh and 1 the sil was rery foor and


 ent grons rochs, unth, wo reached thedinet on of the
 a tree tus to he seer in anj d recilon, notiong but naked homesteads, monntains homadiag the horizon, and plains in Faid tilled \#hth tho plough for hiseat.
 never sam The Wiukhtre Dowas are fort.lity in eowpariegr ; the Carouba, nor bush rad ware replaced by nolhay, benticer tree tha casterm sut mye (race was now dotinwards towards msles distant, another birren limestone ridge pasked and we hegan to wescend rapuly into the far-famed ynley of Falent 10 , a more farvured valles than that of Murisa i descent of a fews hatured fent brolight back our $\dot{\text { fr ctads the Caromba, Olwwe aud Dia, at tira }}$

 and fretil.ty, uxuriati,

## 1: es.sl


 aro all but entarcly des il of ventatation, 1 nitu Crom Aliegnte, a \&blley through whole flows tho dithe rom Altugate, Fighe With control over water, at once commences determined eJtorts at cultivatnan Fig, O.spe, ilmond, and Ciroulss trees and patcles of cereala mectapy Gradual Fiy is tho elevat.on bevomes greater, the valley is too atap and the domras of tho small MFer too torrentin to malmit of prrastion on an extensare cate, the Fis, )lar and Carouba trees are scanter and smader, and lanes, a i buit alone, occups the southerrs alopes of the kils. Ahous feet, the cemtral shore, at an eleralion if ane honrant of Spain ts plan of Spand 2 s reached The topodraphy of Spand Fery sugular The entre pretasume extent somin region, with a coutmal plasi of mmense extent, gomid
givo feet above the lesal of the 5en, In the midde of
















 anerold barometer, stinled Olire and Jip trees, whth






 fieve ruthlessly destroyed, parily for fuel god buildug,



 ess dry tion tae rabilusy elvpri end derte ds
 elevalion ticraber tressappes futa one of esilberant




 ~102

## 



 driest stiuntions, the least eccese ble to traicition, of en mantulfeent trees l.ke Uaka A pri ot trees of the
 beans, l"pas, on the irrigated aebela, tha former Feet kigh, thick, luxur ant $1 \pi$ the ear Ar wo approant a, antia there aro orchards or fome
 close to tuc groind, an 1 alloweri tl hrow up with beard so mert aboat the Orsnge growers of falentu that I wra reathy disappointed, thege buinls tfees ere not to be oomparad for beauts to the laryo Oranke treas of Blatah in figers, or to Livose of tac fronoesi kiviers. I prestum they are cult,vathem in that viny ex a tirotee tion from the Find, when Orange tretes eannot etand, egpecially of to frames from the norlis. norlli-enst, of egpectally if it frimes fown lesaly are rearlow a net eature appears extens.ve live ifl! Is. 'luese lields, on




 Fromit te cathedral tower of Fuhtitis Lae entire cxpmese of this iru, has royton speen, extendug in every directron dowa to the sea Valensis is three oullea from the coust, sad the entire diatrict, above and below, is dotted Fith thase Fies Eroundes. Tiseg are a serious dramback to the putbly healib, spantise moth interm tientr ferer ppanigl writers, atd travchers in meneral, ky into palueys, but $I$ mutat euniess that I cannot jotn tith them, $R_{1} c e_{5}$ corn, beank, swittered all-projn ung Onve


 no morg erndure to beatwiful sunery than does the ellitivatina of the markft aratiens of
 an they are +3 barrea maked, ealeareouts ulls, are itlos rangee in higeras, clothed otil Ilex, Thuja

Mountalo Aab，Oytinu Iontincus，se，or to any
mountaio vale in Eogian in summer time In finter，too，as many of the krees－－the Fite the Mul． berry，the，Aprioot，the Pomegramite，the Vine－are mold Eigghand．I Hear＇s Benwel，M．D，Grostenor Street

## Societies．

Rojal Hozticulturat：July $6 .-$ W．W．Aanaders Feq．，in the ohatr，the usus）preleminary busimeda of the mesing being conoluded，the Rev，d，DL annuunced thas swards of the foral commite of in so doing moticed eapecinlly the mashitcant on diuma macranthuat from，Mr．Sates dalleotion，gnd the obaraldg group of out Iris of the Englath and gpanish breed，sent by Messral Barr os agdena，Which ho most ontended eultivation on acobunt of thoir glowing

 from that gardens of Lindy Ashburton，whinh Wasa （in the unavoidable abresce of the Ree Mo or the
abjeuts of interest sent th the weet wal，and frat nothosd fortion＇s coilestion，whith，instoad of boing of the forruts＇form，bed orisyed edges to the petairy and was altozether quite a ladies＇plant．A small dark furm of Aralia，in the sanue coilectlon，was，thon，alluded to， 8 si
 Tiuman and other ground Orethidf from the Cape，sent by the mund firnu，was next brought before the meethag zo
 John lieroi ho，the great sstronobier．The Piwk and Lareather nere then referred to ga not having reveplyt thet attetion from hybridiepra that they diserve，and he（Major Clarke）reoom－
meanted this clase of ptante to tha attuation of bybrithets，te seo what coulld hr dene ne developpte the floners and volour．$A$ shanall specimen of Sluarthe ponturyna，which is closely gilioed to the Cotton plapt， Whas thean alluded t ，and Major Chirke proveened to
 （Lfstoperdonkignoteg（i），，enth the meating by Mesera gromth and oxcellent qualithes of this ginot Fubgue were expat．ated on，ast the coropany bad the oppor－ poits，as tome cooked blicee wera handed round nad were found to have a dellate Mubleon Atrour．Mr．Willon＇s Lilium longiflorum then came Mapor Clerke mid there wis no doubt hut that it wib



 forin at it vatrge－tiowered gat en parial
Mr 3 isson Saurders then refertrod to the fruit of the Monstera dell 10：a，＂wnlw he had grown ruil of Whith ho had eaten sevorall times with plossure： doliolous，erep when pitted proper himes，Pines mos Grapes．The frait weis ready to ontion Ecelest fell off，und was then of a most nschour
 $\frac{\text { specimen of a Briar Rime，whet he lit．receiven }}{}$ then notured，me bearing of profusion of wite nt

fornued ver
 onls last jear that he had zuveceded in striliog it Mr Hat go of goung growing wood
be suld a new sort had teen adpertised，as bein without prickles，and also $\operatorname{Ruff}$（Bulls mentioned being Whinout prictkles，and also Rufti－Balls meotaomed bhove pisthed to ene thom in their yresent itate that they had etrer do 60 ot once，as this alase of plarts wish rapidly orm．Mr Wakeman then alluthed to from tha presels aspecialy to a mew Minrosodes，which camo from Bir colbur n $n$ is $y$ monoghes and the 1 I of a hormoder Bngland he boped to be able to induo limmethem meeling to grve them gome portilusints ay to the habitat of the mony splendud gpoctits which he had gite a shact lecture on IF er（f）we then prooseded ta in one columbs at 11710 ，the maju facte monoorning Whe fermsoation of yey been given in our ooluman at houliful Tythongermum meatreuns，fromb of the Rohibson，weTe showil and commentert upon

## Moral Commitros．Hep Joshur Dlx tion

 purple vinjet Lp，to both of which Fins Jally ruse fly wer with







 bson sbown ，nidd to which a Epeciul Contificate was awurded As，wardity，howaver，tht in soarcoly equal w that in tho ponsist

 Wolour It＂


 Gowarb now plupts and Urelitdes it was like one of the bubtles of the

bitaurres F．centirie K hing Carations，Premier Ruinburs，Fifleman，snd Soluation，crimoul bizayos，Lady




 Comet，of．Hayce ot

## Mr．J．Bomith，Lyncombo，Bath With Picotean，Mr，Q．Turnon

 a laryo hoasy odgod flower．Dolock，Mra．Dodwell，and




## Wirlt tiv viric． with flowers

Wich of Plewhese Mr




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## 








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## 

## Notices at 300稳．

## 1 Practicad Tratatise an the ourdindion of 6 m

p 8 S．Blackwuod
It is not necessary 10 reiterate our tema of bate kommondation afpry thme a notw tuthoo of hes




 pondented scarcoly aduits of

 the month of May last year［j alited s cew the si en
 If feat wide and is inches deeph dop paremetich is ra no means of turnine off then bortom tiest









 as an exsmple of the good apedied to si many atterly condemn．and popst the heast of comparad wilh wha abitined by Mr，Thotmen ore bitit we fandy
as that mentionet in thas mastake oroportionate to the temperatu there is a certain proportwat $k$
The custom of lasing the ruaty bolled inside the house， $1 s$ not wo polaze of smerrhiag the rosts ndid

2



## Florists＇Flowers．

Ofs wnit！－If marame，from the number of $\therefore H_{1}$ Dist thent Lhe Englisl growera were

 nud，as ath important collsieral，the breeohes－ 4．angument that the number of indifirent nat



 it procusivg and to be seten Wis the wetht．Simmg flowers of the

 it how to ket it he expand，and how


 Jinw large aud fa，＇hut dow untrouth bloom wh．I sifays make it a but bow offer wis th the seed Of metr Rozes ofr Turner







 1．im：of $1:$ ind an fir as $1 t$ relates ta

 anary dowhle P＇elargon．ums thant are boing ymo
 has that it o only ontura．to suppose the Freuch


 The same exbibitor had Azvendaney，very like Gumre de


 Pouarginion 0

At the anme mert．ng，a F rutcuass（ert falo whe awarded to Mr Itrearge，I＇utney，for latry trearge


 the iudividual flow ors bolag of large side，stout，and
mecular As an prbihtion fower thas Pelarponitum
 Ray varety in the way of Le Grata，but bristitir at colour，and Motuleu Quect，fonkelis salrion，overlasu
 נn appearance．Fram Mr．George Smith Eilmontan thot to be confonaded with is surthy hoticuithen brother at Isimgion，camozonal Polargoniums Dena or lachtiold，sslivon，sulfused with orstige，Sourlet Kınu，hripht deep oranue－suarlet；and Ruby，बlightly




 tube and sepals，aud inionso purple corolls；s usoful free bhe ll lis varety







 ornougha，Bnd tadependeas of the fool thint the putalk

 Op


## Cof Aptam：

TחB followink letier was sent to 4 some whekn ago， but it publiantion lins been anavoidahly delayed ：－
IB inswer to yourt reopeoting the hive I wrote made a mastake in calling it the Cory hive． 1 had hern
 I wht bit thut yot have apen or heard of th hef ro stand．Thers as a door io opien at beok，throe
 When full about bl lb，of hempy 1 git tragran wifl Hice simple iti its management， 0 g so eany to take $t$ in riviey
 recomatuend ra sing art aw al suaram？
gears ago，and found itarawar remarka of wel．＇flare beomas to be a great quantily of dronen thas year in the hivis．I tnok off a plass from a momition straw hive and foind it three paris fu＋of drone broml，with the remana of the romb rantanation the norey for ti：e bees to mako masal Ia there any way fir persamet






Whe Eenerully alopt the plan of cutt．rg out a， broul repalh，whenther of drones or Workers，that may tha



 star $\&$ lase
Sowe hascmakers endeapowe to present the queen
 ment that whife the warker leng ant inds freels，the queen and drouses canalal fo co at atl the hare never tried the ylan，so are unable tu－pran ins to Its efll icney Artifichal swbrus are，＂leu properly made in the first place，and，uduciouely rasidiged afterwards，quite equal in erery reopect to tive bost al
Wo have oflea proved by exjuetionce．

## Garden Memoranda




 an mil ist woull be satio ther）to 3 ！Te Gruleftid
F le ruite to the nursery from．itba apton a in nseef a feat re of great beatuts In se of Grir readers


 arge extent ditardtersed hy tic sarte zylvan and
 priety be rezartineal as an out flly hort on of 1 tait

 remember tlut our own probn is towns are a Lato－ zetuer what na in these raspectu fory rate，sua a gapton may well be proud of tars sइchue The entrance from tho high road to the nursery is at once suggestive of tho lefe of Wight，fer is caroro nat ew－ bowered in Roves a thatched pable＋ronfed collage， n．．．

 wre glving plase win

1n front of the pardence we hation lifed we a a mel．


 whist a，l＇mus Cembre，end others．In the rear of the
 ralloyy，whath merred as they are with mang intad
 were they hot backed up by a diwant prosivert of the billa and glades of the Now Forest，Skiful use hes hopen ande（ $f$ tis naturat besuties of the phace－now by





 Ifiontoris Irean
character throughouk thrire well at Rad Iodge．At
Conifor in Roberal tbre the time of our wisit，carly jo dume even the sidallor pitnte Fore putionalenty motinanhle from khe thinite
 of eotrine of the wriont gidden－leared verietien，sumh
 Thuga anten，\＆Ono plant of the lant－named varioty
 21 Henti，ant propmitonatiy lirge in circiamerenco．



 appors to dis well lere I lilly kipautea assimpes brighter mon ore evers biati we are nowntoment w，and


 A perjod of thro yours，执 sppers，is required for tbese u rook freely．
The odd－lookien siekly－ooloured U Ebrella Pine，Sole
 ming to thesea than thes in in d］Twolittlehammoer
 fhan tresents anstandly gud the ulier




 uuk ang as one payist imadine arb Aracaria imbricats Fobld do il tis trisk were suortened andits branches
 ＇bere 1980 me grinu hould secm，for hero






 pros，anim ma is la．．．．eent sans into tho limp and Fiflered sagio Thire were st，gufielant in shel fis．Rudy of ol 11 to slian how maknaficent mus


One of the timest that wo noticed was Joseph ThatWorth, with flowers of a r. Id cilaret red, sjotted with
 Napler la also moort thit does well in this eatabish-
 meet, as also do the bace wateret snd feature of this nursery Solicic of tie spectmens are fine examy orez, and


 $\pi$ landscape-gardin pout of view, may be seep as near uoteworlbs trens to be seen here 13 Arhutus procora,
the smboth red burk arid lent zery glatecous leases of the sriooth red bark alit lent zery glautcous leares of Wh ch give, ata hittle distanee, quite lian aspecto in

 patensi y of col wir thist are unt attoned in the nalpher are shrabs wh th thrive better hereabouts than in tess


 ones puint respeotiog it is wortisy of kethee ill a galitura, pount of Fiew-lis objechion to expoure to rullisunbousding one of tho quarters show much more luxurint krowth than those at a distance from the frieudly gheller. But to enumerato ecren a 8 small proportwon of the fine spectumens to be sean here, would be
to write s catillogne. $[\mathrm{t}$ will bo adped from our Yemarthe that, bes. lect the usinal nursery stouk, the mulu features of tha well-rovered establistiment, conssist in

 Which th less favonre thocilulues do rot athinn the persuriaes of the gronn and tho dustant prospect, are
 We should not bo drag justice to Mr Mogers' caste,
Wero wo to omit anying that ho fuly avaited han
 natural advantages to ex eelleut uccount. Mr. T. . AT

## Garden ©perations.

## (For the ensu, ing woell)

## mhant mocses.

TKe inmates of Orchad houres should now be pushe I along so that a liberal growth may be secured during the proper season. Even Cattloyas, or intuates of Catheya houses menerally, wil bear a good high range ange of atmospherio and rot moiatars be supplitad intervala, thiking pare not to reduce the aotitual temperatare of the howse too mun 11 in abundart supply of ate fromerly phats are conir
 tuat of oladers in their ristavelabitits. it pose atter

 bulbe, than taey do with ss, Nence these frets shound be takn uto consideralion in our everyday practica. these dulushuful plants whach woild now tha bonelter by a sibut Thas op ration, whero needod, slatal? Dot
 fresh polted planta to make nem roots before winter At this tirae a Jittle acdditional Moss shoald bo placed цpon blocki, with д flew to mantuar a in baskels or


 yonge of temporature for tho rirat few beekw, Grfen. hotuse or Ituasn Azaleas wall stand on musa a gher Alow the thermometer therefore toro fan io bo ditiond and


 of foumgar ones, which, with propor care, will be able FORCING HOUSE
Stop the yonng lateralg and sub laterals rathor elngely




 provinias J, 14 alT rdiag these and similar root-
 pats or so once or twica during the growing season do Where the forders ars well heroots, and ospecially Fine-bordoris prs aeon to crack orer the surface it Fould be welt to place a further mulohus of good recently been patted, must be shinded for a only durank brictit sumby weather Kemp or a tine close atm siplose is itil a Jrpah stert is farly mather

encouraging a moo humbity. Whero suokers are in domand -and they seldoin are not-only such a
auantity stioula be a.lowed to form as are actsal.y wanted for $t$ to parposes of propazation. Attond partreclarly to the remaval of the gil \& as soun as they are sulticently large to srap off freely without injurngy fruit reets whuct; have been fruted 10 pots to a sheltered plare out-of-doara. Pluake them in tite ground uy to lhe r,mor tue pot, and alterwards place a modethe bal s, both of whwh will teni to redare the necessray labasir of watering. \&n. G+vo arr frecly to all frequontly ssimge those trees from which all the frut has been pitked

HARD FFOMER GARDFY
Th Law number of complants are ruado conceromg the barshness of tre weather and its unsultability for the cult vathor of harily platata and justly so, for many sabjects upon writh no deperd for beautifying our sardens, and whith a ord nary seasons ansmer this purpose ndmarably yro at tho present tame existang onny, and Lot grout ing Tre on y consolationt we hase,
 intendent of Batterses Paris, anformed me at the late show of the Rogal Hortipultural Socrety that he had not even ventared toput many thtigs out at that date, and that many of thines which he had planted were
becoming less instead of srosyins and making the becoming less instead of srospiok and making the
ampunt of display they have proviously dotes. ittend to the necessary training or peggrag down of any new bybrad Clematis in whicherer way they nro grown, These plants do not like much wow ong about after theor younh suoota are onve formoiz. and stiould conserquently formaned in tho requirer pasition as they continue to Wh.eh may have pushect arozud the base of Hollshorks siuce thiry were first singled ont, and Gore another the to thand which are reserved a copious watoring should bo piven to ail stools mara mare than these a dry weather, or ampoverisla the
soll around the base to a preater degree. A good moll arrund the base to a preater degree. A grood vers banefech, if givert prefously to water.ag them or befure a mioser of rand Witu a contapuance of dry Feather many other subjecto suberest thenselves as l.kely to be much aried by mueats of a good soakiug (if wilh liquad manare, so mulh tho bottery I may
 Feoteea, Falas of the corauts broed, Donble I'olets, Shorubby Calceolareas, and ospectallly Tritomas, which
 doring rangy seasatis. Finhin prumug and tying-in or



 Chysanthemans Irequently orerhead with the rose of a fine watern. put Bo very partheular, in regard to water at tho root, as inen suifer throllein want of whith would therebs ancruo to the plant in rarard to is growing powers, there is the zrout risk of losing tho lawer leaves before the have completel the doweriug scason, which, I nued not add, destroys ther beauty.
hitcees gitrdex.
One of tho chief dithe ullies wh.ch tho writer of a Crectivar siuch as thas has to contend with, is the I masy enfeavour to mect tho requiraments of thie marzent by my sisgesthons, they may lose their aypat cabultity before pubticat.on If in the weather shoirald con-
 department will require artificin. waterings, more ape. ia receutly sonu zeeds whela are germinat ng
 Luer gavecessional batetion to well water the epeds il tho imil rows after they are sown, and before they are covered over with 1he surface soil In watering
such things as theso alitays mano it a fule to quve oyn good watenng un preference to frequent and oflen untimely surface stoppingz, which ouly tend to cale
the surface sal, nnd, ffauny weathor prevals, to $h$ ser thati portion of that, if aunny weathor prevals, to harsu of the soll which is 60 frequently watered. The throg explaine itsel? If an mamal is thiraty we do not linve resort to mo stermag tho outside of the throat, rather


dette will now began tave been fided with MEgno-
 or the plants shoulit be remoped alto afether, ind the Blua Led wina suriet Pelarkoniums, Calceolarias and whe Lobelnas, or Farieties of the Dizar Visturtium flach lagt a conf time, and make a charming boz of dowere. Carnations ahoufd now be layerell and bos of cannot bo grown in tawn, for they do well maty I aversal favourites. The method of proparation whol I auopl 15 the fortowing -1 procure fresh mould from broom. I lancen some paters ent from an old birchport.on of thie fresh soil. Tound the plant, adding a Cut ufthin shar, kufe under the second firms int

Wedige-like pioce, whou presents the cut conost int







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The agritultuxal ©azette.
SATCRNHF, // / Y . 1.


Hrs Show at Manchastar ia to be a very great

 bet of thiphoment enceal tris', aro alre ady morder. ed anm tho boxeg for $h$-rses are propareel St lath, mis 1 fovt week the triuls of that
 bimulat, hyon rakes aud hayttedders, and hinest trols foll kunds-Mr Gings drying
tpinatua amneng othrris will occupy the labours

 Wrymiont inms to sprectators.

per 8 lb , and lambs at fis. to fis. 4d, ditto The The eathonacens and ritrogenous matter (as welli as Elops sro now watched mith considerable ittereat and envielv. The roports from Kont and Sussex sro anyt is inceraming.

Lard ELcino's discussion, reporteld in another page, of adulteraticin of minureen and foods, has brought orruthers that abundance of pure linseeducak is mode and misy be purchased. To this "Hydraulto" Ilars tho following rejonder :-
"I bare no detitro to outer fito tho quantoo of tho purity of



## 




Lentng, has in shown, is por quarter for worline




- The farmers of Rast Lothian are, we undergand, mising a testumenial to the merits of ote of the most distingurshed of their namber; and Mr, lans refereace, may well jook for spme recognitioh of them fr mo Eogling as well as Scntish agrivilturista gliont account of What ho has done:- " Tery narly in life his hntanical efforto were direoted to the bringing out of new Farreliee of the coreals, und throughnut the leagthened course of his ancoeening year-and ataterly

nicety of tranipolation requisite in such expernement can elone judge of ha labours. It was on no cacmaliythe rarsetios from whose pombined reerit he culeulited that the hest crosses might be derived One of the last of has Whent, whach clams equal relat,onship to the hs loup been at the head of our mulhoritien on every quamer to whivh ognculturists owe moro pratitude.
Ha When the present testignonial was propnsein, it wh When out at once that it vas pat a money dasthmanial not acoopt, but 16 whe symply
they are tendered is bound politely to acoept y, We undoratind thet Mf. SHIzeREF hal desired that the
sunat with morno ngricultura! socioty, in order thes the
accuma ated inlerest for tach succeeding fye years be
given as a rowerd or prize to the jadividual, whoever
agricultural improvement or discovery
Rothamsted exper ments onumernted and deacribed
with tie results of themf for 14 es, and for the mhol geries of the past yeare, respectively The cerses having those on the Barasy cropan the Hoos field are slone given tia s wefk tit others whil be cescribe next week tiou pivan to 3 Devise and ris friends when trey
visted Rothanisted the ollier day Ttip ollier étneri
ments, ineludipy thone on theat, Healis, anit rotisin morre general terlus, the results whatil hase beent duced by the asplacation nif mannres to the Turn
arom. These expenments were commenced in 1813




## orict to test the con paratire norn prowint tond in

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sup:
regard or in lata an an in aranged, having applited on the dafere $t$ phots, ant ure proviously
 monced iz2 18ult, and is sti i in progress It atiofossth, adequately to state the beariug oi the reau to in a fest taritio induations -1 Without manure of any k.nd fow owto, par scre: but the diminalive plasists footh contage of nitronen. 2.0 of ${ }^{4}$ minernl" censtituents phophono moid (for the form of superphotphate of Fhen thas manure is nost tifechive manure; but When thas mature is usted alome, the immeriately avalsble mitrogen of tho eo.l is rapdily extautied
myntrabie witulu the sufl, or are suif phed in the fermin of farnyard manure, rape-sake, Permyars the am, amotiof the
 crypare great near to the seed

## OUE LIVE STOCK.

Treis week the hay harvest is quite folahed in the south, the reneral opinion be na hat In tha worth it is in lull operation Ton dajs apo only un placos hare and there was it commenced, but if thia Rene weatier last it will be farly over next weir proupents seem mengeis oo promising, and hter, though it will take fully the year to overcome the effects of last enmmar. - Next Wedneddy Mr. Stratiford sella the entire herd of pure-bred Shortharns belonging to the ate
Thanus Crisp, Ein, at Butley Abbey, near Wodbridge Su cows and liofera and go bully, but we miss the usual
preface which Mr. Straflurd genornlly gives to hus preface which Mr. Strafurd genornly gives to hus calved. There are stame good old sorts among them notmathstandag the recent sures, which ase ratiner of muxed blood, the most altracives aud resticonablo pedtree opeds the sale wi th sifuce $2 d$, by Sir Colint
 from Old Silonce, a puro Gales oow, there are two daughtera of hers and a grabid-fa (gl trr, and a mon and Butes bull Conte bs V' bail, and BuTLBE ButTEBFLY ( 21,341 ), a Tisteres buld so the blead will sut admerera of each ardin mang other lots. EARL OF WEsTMORELAND (E1, fif3), who thme from Mr. Fawcett of Childerick Hull, from auoredited to him Among the ollier families are neveral of the $V_{1 n l e t e, ~}^{\text {a }}$ tribe with much Bates blood, formerly in Earl 'Ducte's posscssion and origicumaing from Mr. Smith of Shediaw, A pedigree Dmichess farnily from Mr. Harrinon, of Grel lisidge,
 Cologel Duncombe Mr Anta, of 1ers are irulu Two young bulls of the Herrieon-Duchess line are now int hase. On the following day Mr Bond sells the pigs, called the Eutley Abbey breed, whed are well snown in the showyard; they are divi ed wito white boars of the madde breed, and white sows and bante of the improped Butley Abbey or small Suffolk breed. Dustinctions in size are a great puzzlo to ordiuary pinividuht, nud even em nent asticulturists liavo cona-
 cent ill breeding dis to fast p tranth atal eary matirity, Foe thmik this weo etsinnct of of size, after mary jears breedme, must bo a troa led question
 follon the pugs, among them berno e beatiful bay filly vor inO hmgelf fought at the lele Sir 'Tutton Sykes sale) and Toy with two entire (aits, comprise the thoroughbred stalions. The noted prize Prince, bues, and Yount May Duer ate amode them. There are likewise somb black Sufolk cons and boarg, and some Barksthres. A fer implementa finign urts has secn \& uce tha dayo of Lard Humbingiold's at Yoxford
 Ifit, six m, les from London, on AugLst 3 is just which seven ore bults XI Max ci the oninals are bred Thit bulls brod from the kame fanily; Lady Pigot's thme, and Messr3. Lehoy's Pioyal GWI NNE is now 14 jramsion's jato hard, aud Mr. Christyind whish Mr, recontly bean to gincuassful at the Essex and Suff Il of $\mathbf{M r}$ ' Jonam hanee herd, an noted prize stor $k$ in fin

 stout abroad, and prior to the treat out of the good plague muth Was experted. Since then little, if any, 4rout care and judigmetit up to theen conthued with and great feeding propert andment, with gooul milking ammala are some of prosertied, and momons of hothe sexes.
 Antherin Station at Colney Hatoh, and a ahort dustance
from London.
ust A cast intereating to Shorthorn breeders he Just bean decided at Abordeen. Mr. W. Marr, of
[ppermill, had a sale of bulle last September.
 -
PRESENT APPEARANOD UF TEE
BrDPORDSA1月8, -A, far as I
prosent the following features :- Whant bare, ntitere Barleg avorage, Oata quarafe, Peas and bans ben



Bucclis - The crops in this neijithonichood as: follows dowat. There are but fowe healthy lonktog crops, and there
crops. Take them as a whole
at quite an averaxe, end I son of
aurenge ja o
some very wom , ples, a
an average. Onto

Rave been
a better chatce the ir ir 1.
together. Tho spring Beans
yeinter binomed, therefore, as ther tod or pyerage. Peas uro generally a full cmy and an bloomed, but it is too early to gintry equatot 1 deperds upon the weather and tho dy beirent and harveat. Jankela. They plapt mell bur yot rat
 many a pieco left for dead fallow the wion many a piece left for derd fand indeed there are gome arpe



 Hurvested welf; It $\qquad$
 stmmer. It hes beet mot in wes, and the plat many othes looks well for the mest crop The in sh must bs lete, I ranast
be genera biskatish
the whole promies thell
olay dutricts the Ore crop is stantei atso is yallow and thin on the Frocin and well-dralned portione of the vit crops aro sond grerame
The whale it promises to be fair mostly yory fine indeed, and if the n good erop. Peas bid fir to eqtal goDe of materially Itse Gram
dant, and should the sun blive



## Fale of $A$ fesbury

Theyareal lanta
sprag wad of cold and well-tion Jutse has very much cliecked t wercalk, and nomo moro inan and in the more ad wathecu out, Beans promise better than my obler does not show in the end that itien land intended for rooks and both gruedia sod y
 depersd upan the state of the whather (ur ta
 a farourablechange may besafoly ant
 have made the promenas of haymal
 Shotrer 1 he
Enst Fent
raitour fur

## (2n).

 1 su' $\mathrm{t}^{2}$ two or three days in bisex, and thon T'tie friemds I have been Chag ere most of thom pood, plats, practictif farmpa, - beir sccount kenerely conlirms my onlit Th
 marane of I so Sarley in Sulf k thas lue bert I lad

EaEx - nat Wheato have rill to a goind deal of

 the bal tan bowat. Spratas teang look well, and seem

 I expent the ront has $t$ m thed the an $t$ mbt water, whi it in iny opinaran ", areathe "rorn Datd amd Barley bre hal atctiz, wh th Hurer hat Hares ard Girns is pretty good su Fand seti c extwation an ing agree 1 do rot
 draven lands are ux ariant ame tims vall nt.

 ans s.tid U. the the tit luts except where deep




 Fir $-2=1$ the loca, ty of the grow,ha erops mist be conlibeld forall is Remerally of a gord mized qualiby and northan mell cli t Fated and Fanaged as any distrint in of conning barfest aroupeased to report fayourably of

 nat wht Bu Edant straw, excephion wh
 extelsare y grown, Oate are lese calticated, bul wi be a furr crop. Beans, whetber autumn or apribikearn, are in r.gorous groisth, sind have bioomett w.ll hat

 befu musuank tardy, na. cunnt set be ensl red manongat the jlants, and mas set sumbut sreat dew
 now het +F gratiered for the L a lmg market, others are grown for tho seedsmen. 'Ine ordiamry grey Pbas, grown far catio, look lice a heary crop I wal, ad in fow rediaris aboit the weather Ou the tha of inne was hot. It was not eed in the Thmes of the mext
 $91^{2}$ in the shade. From chat dato till this der (Juy 5 It has beel continually cold, epperindy duriog the ntkht, the thermometer soveral times geareoly ubver
 tub, Thas was geraloas weatlaer fir
IIo,
of the heavy olay soila, Woa to the Wheat and Barley
 serves where bincer and rabbita alound Aspgel-are











## 


 1 re

 rips anl in wis lembliey vers forkard on thatid
 A full syeraga craty tiony be pappat ded shotind the weatlier prove warm and spmal far thentext four weike
 there will be a full crop of (luz Un lart teavelly
 generalls, on all sols will be above afu arerage ond W.l niot be Eb Inte in proportsor to the peresta, Jotatos, on be theal three mepola later than laat yesr 1otatos, on well-farmed, man =his. wi ba a very full pronizang dudg ng from sreami าppraranca howofar, a fa byeraza roop masy bo exper eat Alsupels and Turntis are awrane pas raf dis, and preasent geneweather alend d oppearance, atat sheulat faroirabe weather actur, will prove the best crop growt in the a rops, are bulky; sind the palarove everynhere pert ularly in tha marases prenent a reat contrait to hasl year. Keep is abuadent, and slock eratywhere


 Where atook durng lant Whater were altowed esora and gond ta




 mblent onem innty luter than last zewr
 bave to report, of at atht earls, in thare liban lanti of aikjear's rrop, of Whalerion 1 s a 1 kn ,

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 patabs, and wil scarcely to eutual to in gyorage oron
 bardy appearing for the lust threo dayk. Wiator Benpa too laruriant for a crop, and many pieces ase boing fed off by alieen, hevisy nu proapect watater of
 blowsom, plenty of cirat, Blla, lie gro, rad betric 10 st, fisy will niost likely be , aite gathoderop. Peas as


 chas week it thas been is far thentra, and wat hast year, whi h wha a forty git earufe thrat than
 Weth, ford With $=$ lact of contit ont from the loss of the Turalp orop lastyedr, it loukz weak agd starved, ant opris looks fery far lieans are nlis farious, the










bopubourhood, they aro menerally Rood, heng lan uftected by wet and cold weather than any of tier ('rop The worst erop of the geason is birieg, I the ik it wh

A igist before Th heat euthing 13 gemeral I'he
pppearanoe of the crop is somewhit below 既 sverage
 If 'jay sisy, ri botter fate thon never," but the past cannot bo rualted, and T tear we shall fard a defigiemoy hoth in tha produre and the qualitay dithe Wheat crop. FI 1 Roflie, Palenhall, July 2 .
KENT - (Hn all heatys statr, espertally in the Iste of sucppy, thinat a fulataras crep, on meny wall-
 there whl boe fañ averape; on tight Iatuls, especidy on phalk soils, there ate promssing crops, on the gravelly landy in the hapher district it is execentionty
With thas fime weather, and with proper stisatiom to mowng mequrnes it masi be foult it it fasot secured rapldy Johy Cobbom, Fhiffeld, Ror zaley, July 2.
HawTs. In reportiot to yotr the stato of our grow be all aberage ( ata mas he tue mot roplos, so Tar,




 likels io be a large fup Ous in general tak preth
 moreasa to burl fiem very matict The meadiswa and






 หe around us. The Gurify trip is likesinh e-songe tery




 bompournomi, the elsewliere, smifert $I$ frisis the wot cold weathet af Marift an! Hus, wire esjeeca Iy on

 rop we hare some too luxuruthk, sad wh ch, if heavy ra,ns or thunderstarms aboald rome, wha mo dowt to rise pa more, and probabls will the tie lightast it the
 eather prove facoisrable fisp ilue next $s \times$ weeke, yietd n averapa a and we haven cor:siderabie ounat,ty



 tho hea biy condition

opring far better than such lands in orưnary seasona und have been less affected by it．This ploricus Weather，cotmitg at the blossom no geasn！，is most Faluable，and I achme to belere thit the theat on ah atrong land will he sn aresate crop，the only probable drawhack berng thint a good deal was braked dom th，ths thowhin sheep had been driven throushat．by A thind on tho lith ult，anu may not［＇ll On inkt lanis theat cannot reach an average baries got in average erop． Peas and spring leans wall be an acerake crop．Wituter Deans，with the greatest buik of sicatw eree kromin． Will not product more than half an syerate crop of corta Oats few are sown，the erop nol beasy I＇he bay crop is，wathout exception，the preatest I have kaown in 10 years experience，and secired in perfectioni， Mankels are very pood Cabbages good，Swades and Turnips standore 莨ell Pasturcs abundant Harvest will probaby be n moathlater that last gear－a week Water than ma ord nary seakons，C Ifandell，Chadbury， later than 1 ar ord nary
mentr Ereskam，fuly

HERTCNEMGRITION，


Havisur mada a profeswona．vist to Ametica to
 blity for inproved borticutura and agricuiture，wha its divantages to the zkilled Engirga and scotol horts－ outburista and agricoisurista wicult to obtasin auntable money，and now find it dimeuit to obtann ansobe situations in this coluntry，inay tet them hat on go to America to seek for such thonstiare si，Fith a fer exceptiona，nat to be recommended．
 up anythary，is nore nitid red after，and at has times a
 em wrate sksted mork tasin wath a intte money narden wallone－ own land and cultate hasown farmor garden winone－ Laving worked out 1 h ．F，with the best oppartunity of gett．ogiaformation on thespot，itcanibe relied upon，and whet I despre to goint out is that men can go and buy landa ith firpinla，whech has one of the finest clatises in America，capable of producing the finest Whent，corn， Grass lands that inare beetu in cultivation for trioro than 100 years．Twe names and tatles ara Englash The owners of the properties bas，of lands for fale wils be glad to shom kinduegs io Scotchmen or Eadishmen in preference to may other．The reason of the lands bestre oflered for afla is the eandition the war with tho North has left the South 1r，啫 this time without mones to cult，voto therr lavds．Thas slaves being frete atd uneducated are milnog to return to themr old mastors end make good servanis，but if olfered lends to work and manage themselves，sun titurn to their ormers a third or fourth pirt of ihe produce，they whin mat wark，so horticulturists to come amang them．One estater 11（0）arres．I coild purchase at of jer sere，It 1s ss




 tions of the greatest varioty if Yarkanalls deciduous treas．Three ollier estates，of $1000,1500,1800$ acres， conld oce had upon a lease for fte jears at 1 dillar per mpnum，Other estates，gmomntag from 3000 to erjo，00，at $1 /$ 10s．per sere，aud those owning them will be glad to offer gyery tussiatanra．I hare seen the iunds in the north，west，and also tho south of tho Jomed States ；and its travellipg for this information，I
 was with a parly，starlang from New York，and prospecting or land－buy．Dg for niding emigration Gnerman Emiscration a Bolicitor，the head of the German Emigration Azsocintrop，told us that hats
 General D．Imboden was the conductor of letters in prant I sead jou to make amy extracts Fou think well，thaf we were wel posted an our subject I thought it wis worth mg troube to ket informbiton for Englishtmen of a culferent canss from those who start and land in New lork th Castio Gardens wathout a
penoy in their pocket；and have to he for a peak often by hundreds，on the board or foo or the any ong to tell them how to find employment．Jus nok inthaskniling the mistakes yat made in this coontry bemonts，I sha sole to fod good hempes，and ehonld formire to litip brass upen them is that they should gucn with lubl to ${ }^{3}$ mid
 comed be d wo to tide adrent be of a be arotier，moro

 of the fariopr，with home lie erati domore itl tie part of Ameria l hereal ude to than momy other estate to be bought in our country for $10,9(h)!$ ．But it inust bo understood 1 bat tias adrantage will not lost long in jts present slate．They mapidly get orer tho eifects of the whr，and in three moro jears the Whole state of things must change，and any ome settlidg just now Whl hava tho advantage，gs the lahonr question in this country ig just now one of the most smportant i have thought it praper to bring it firtit belore your readere，for no trina is to be lost for those who desire to take adpantage of the informathon， as the month of October or fall，is the reason for pra paring for tric It heat－groming segann，a mast ingnitant． mittor for the next rears erops．foreph Acketor


## THE ROTIAMSTED FIELD EXPEIIMENTS，

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## The Harveeting of Cropa－The machinea and imple－

 ments for the harwesticg of crops are the casss of jmpicurbata to be tested at the 3Lancbeater meatmg Tha kogal Asricultural Socicly during tas mext weak machines，bay conlectors，horserrakes，oarta，and mak： gons．This gives e foe opportunity for Fisitors sod farmers in particular to ascertann the utality and value of these mueh．nes tor thear respeotive pecupat．ons
 hi cuekind tho world would be infpecting tho other hall；
is best odepted for every cocupation．Firmers must
 reaphor－miactine that can cut buch urops an are corm－ wouly growa apon such soils．In average sensubs only they ara leavy and sald，and it requires a strong ind peocliar mashins to out them matisfoctorily．It io mo In every district where the cropa are beary mid luti A most any of tho modern reay ny machites will do estisfactory work upon light standink cropk，and it is conparaitvely ymmaterial wieflier it be self－nctnag of lubour 13 employ ed．These are mallers furthe considera－ non of farmers al accordance with the solls they culis－ cut the corn drown tey arder that it may lay ambule to wither thd dry，es in miny Barloy erope full of groen Clover or wodic a sido seli－delivery if all in tiod up it is cut．a sheafer would 500 m to bo bues adaptod for il but for heary crous，laid and thoronga grown，the Etrongess and meti alecluy miciuno cleary by manial abour
 rould provably prove bor．have hreative trals nd olher soes thene mandines in compolitive trints snd otharf
 rassit crop so rematuess for hymge Ths menue
 with thil manusal sssishatice minde thi hope thove theps avorage in quantily anil length，so that

 naclit crown Ilorse rakes－These are scarecly corn－
 bo usod after tho reupers，and fur thats purpose caro Ehould be taxen $w$ observe that they are capsble of reaniastion，so as to clean．y ruke（10）the corus willoul serpung up tho soil or stanas．The ceeth should bave
 without compreasing the rows so so to requre sub sequen－
 Manchester，but it if a quastion well worth the con－ g：doration of every furmer attonding tho meoting The sompotition wouta apperr to bo，which ft





 cart of harvest wafuon miay be as useful upon the farm， and ts marrionblo for harrath work，es ona oonkruoled stron ${ }^{2}$ ，but es ligk thisir hed prortance，end not to be lightly thouget of Pore laddera ind hind leddens which aro in magyons．

 imploments m liserest trork $A$ toiupetitan in the the Koyal Ásra ultursi Soce els Stock stages，laddera
 Lient of nur reat spicty．
Emigration－A vast énh，eration，bath af capatal and lopsution， 19 fiudug its way to countrect ro mod hath whare town towas and overstocked Fith either，bere our and cappital，and so both take to them both lebonr and fy to morg genal and appropriate cumes．Our lant does to it omploy onther raphital or laboutr suf ticiently，so thicy art forced upon our c．tuts，where they aro not raquired，and thist aram moge on to the on hational patat of yow Thesemembenks of etrentt and diguity mught，whill，tor a long tume be retnined hero，ware we to do our duty in agriculture．My onn
 ar arat cof lal bitt，wy 1 se miscopuent preater －rot $\alpha_{1}$ lonian ls perinthentig mit himore bumbin add． rapital，an $\ddagger$ grom inure for：euncurrent．j at home，we should thus shat out，pro tanto，the fureiga supply， und keep the money oirculating profitably tmong ourbelves．So long as Britata 1s，st at presents only ourselves，so long as Bricata 5 ， pur prosent sumerdal notion

## The Projudice agelat Bothes．－Fhoever shall

 persist in burlog his anathemas at bothos，they will remant ind．spensable parte of the butsings sh weil－ dmen fart anch linstilts I am mataken if there is dinm siyoune men＇s room＂on tho Queen＇s Home Farms rear to Cumbshed lodynits．The j prular pre－
 judioe is tow of my delachal
辝解的

 I way thuch plensed What a Rettor by
the unammity and conßdence that fremaled sutonast astronomers. If any man who is a fow steps abore the condithon of a cominou labourer writeed or syeaka
angthing conneted with rural concony, almost every
 fusion Thime on at mineb untrumty nmonget practical agrivulturist, of the amployer and laboires debateabse as ikere is on natronome Fur cxanplele althouklit I never saw Mr Wispon, of Edington Meing I fees. that Mr Whisno monters into tho feelingo of
 of abolishng hirmp marketa with regird ta hothe Mr Samithy of hast Tothan Farmers' Coub, in pre-
 the ramge of imbrovement as am ly cotinges. are Mr (fedles statend its lia cavellent yajer at thic Maraysharo
 A.gtot: $x$

 contrisiong a hed and reon for the man'n elust. By hatis


The diecussion from which I rutote embodies all that need be bad for and agansi he exalusive cottan systom of the border countres ith the bolly Eyaten at tha north I rejowe that a fartiser in the Kelso d strict adopted the female bothy asstem three year fro on a lidd farm itho par.st min ster statied to the farmer had is sppraval of tiat senomition The farmer ton corpral and buttrytes to wath the the syatem provel i.self That flircuer told me a yenr ago that the the tothy aystera, and thes congratalated the farmer on the sncease of Lis murovaton. Tiale both, site of a row of hands houses,
 All the ling occerp cal mare ed malies of it chaldren, but for thie ring tion of the bothy systron t1 e
 The abolition of the midnger system tith produced suid a happy change ont has sereral farme tian on'y two un1367 , and hands beft lion nt the Wh tsuntrde term of Whthe eppleations for the vapancles. I beg to sugzest bothies of thi pringitive class. Nofwithataniling trat was of the comfortable class, in have resided. In
 In ther
25s 1 the
 much uecued on maky farmb iti Fiogionil I ber to guggest that ont would he pratrong simah to firm instead of about them, 10 surly piaces 13 Londonamil


## Sociaties.

ROL A AGMELITLRAL OF ENGLAMD
Montily Colncile Hedmesifay, faly is, 18u, Presant-The Dulse of Rohnomd, $K$ G, in the chan Lhard Cheshana, Lord Kesteven, Lotise Trederar Brapt,



 Derks









Prasfrgat-Major-Gehera. Lord lir+dy orb chat mant preseated the report, from wiste at apporret
 3Iasis's ( and foumd a rreat. The bristan in the han as of trie


 ovstis the Councal wase remallen the the case of Ifo athention Toxse Council was remallen to the case of Ir. Ruchard
 Court learing on June a dewar dad the production al



 With all the conts, inchatmig those of the praviozs Grating the ermmitea alzo reported that tio Sassa
TIeymoda hase acrepted the ollice of bankers to the Sowety durnkiz tha Manclester mert, of and that thoy will provilo the requistas hutnber of clerkis at two diain remuleration . This report was wioplad.
Joutioll, -Mr. Thrmpson (charman) prasented the repprt, and at the stime time mored the tesolution
of whitlo ho had fiven natue, Dryulv it




YP. whit tho atuendment whe preferred by Imrd Walaughin, Mr Tarr, Mr Inddell, ML P, and Mr
 my the most sucuessful erurarites of abaill formararat on
 whar and lost, on a diviston, by 16 noes areanet 11 ayeq The rerommendation of tio commitiee as to the writer of the refart was then read, end after somo dis-



Masar Prizes - It mas repurbed that the judger


## honcrary members was submitted and a diploma for

 concrary members mas subinitfed and approved. The antwite reported that in the pourso of the $n_{\text {tis }}$ infy trustees of the Society, fhey considered it desirabie to aserthan th Whose names tha funibul and other profupded property siands in thosted. Therer find that the Cotomel Challoner, and the Forl of Yowlimethreeof the trustres of the worety Tho lensa of the








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aitbutus，seelug how hay ors of horses are now thti－ why coniasted Witi brecerers of hat the numbar he may send wity be rained，bat the numbar he may send
witet ertany to be limited to one，or at most two， os cise for what larmers say here is fare enongh， the lise of our seudiug our antmals in eandtua of grazing atud sroonsios renp dealen and lettors of borsis have go or sio in 3 ararded to Mr．Percivgl，of Wanalord， Mr Gule，of the Rugby side，both dealera，
The byent－old geldings or filites are sesen and mandes to a fowerfui，reat bey，aud well－bred bay wy Lore pandea，bifore the judges for thelr flasl selec－


emaknoys dre 23 ，and a very 叐ood collection they mi of them being realiy good animals．Mr． then one of which took the single liacknes prizn ingtob，are both bere，the prise going for samoo，
did at the matropolitan show．Mr．Horry has a ＂Hoat and elegant ohestmut，and Mr．Wood a good Hing red roan，which bends meil，viz．，in ina 5．in postivk over of mitlos an hour．This is the aixth D F Hormby＇s＂Sumbo＂has teten
din ist in the olass excooding 18 liande，is a laght and Wht ohoslnut，which is a bsaluty to look aik and ga， aturel oresture，tho flowing light kail and mane of naira sfontly attra＂te 1 the a attontion of the lasies nd good lrok：
Horros ugain suevesaf il in the mare and foal of lumin purposes．IIs brown mare，by

 ivi aftic excellont mares in the scass．




 on of aterna gotivo farmer＇s mare，end aIr．Johs
 Fay vis about

 Tuballe are tow，Mr．C．W．Gri
showy gad excollent with o 1
 mave a，1pearanus there which 18 objeothunabies 1 ，a man．e mana．In the yougger bulls Mr．Joan Lyaz wna m mitl bia yearing Grand Sultan．Gha Marimis


The cown aut he hers are rentral y fash onablo－iliat y．more yuvet lu grew beef than to make mik，hir meful bay，Mr Lamb is \＄d；and B real old－fashtoned milker mith a I ny head and thin neok，Wide bincl－
 trurfis con is not mothè ollojally，Thas is Mir barker s lir liand un＇s searimg herfor wh very What，ard of the nlust approved form．
That aheap aro fow，but somse of them are good．Mr．

 thenlent colleotion of eleeep and lambas They are all ond in formand countenance，while therr wool is full tadint libese classed are f．umposed of 10 oweal 10

In the pirs tha prizes are divided between Mr Jabez miner，wlio has a good bonr Mr．S．1peacon，who hat The lst pross；and Mr，G Harrtis． Whe Lst prizo for butter，which is beautifully clean等 othorwise well made，is awarded to Bi，iss ©

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Dhe Quarierly Journal
The pirasest nuph Longmans \＆ Co ．
 －durng the past quartar，sontains papers on soan－ Evian of the policy of teaching neturl ectence in htools，and several satronomioul papers It， 3 quite up



Conditioce of the Agre and sulkgeative papher ${ }^{\prime} \mathrm{O}$ 口 the Twoant of the Agricatural Labourer＇，appeared int



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Ouher dagrams illustrate the quantity of agrioultural Oher dangrams illustra

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 $f$ grase－sand，no doubt bepause of the great quantity of

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 <br> <br> }become the intereat of the farmor to eppploy more forcu of fivenmstanoes to puy a higher wige，than the courte of ovents will altor，and wo may jossibly lasve hearaftor to report tazt cottages and gardear，and education end wages in country places，aro gatlue of armar sitrautions to tho inbountry Mis su
town population．＇There can be little doubs thet happerss，we ghal have a logner
ra an advantage repotsng especially tho very young，in disady the tare
Index to the Tranagecion of the Kighland amd $\Delta g$
culteral Society of Scotland．1749－1863．
A most valuablo aid to the agrioultural stedent tural sobietys Jolirnal ought to tou havo your command in a compendious and accepteble form the wholo contanks of one of the most valuable agricul－ tural libraries that have evar been collected．

## Farm Memorande．

Latoritus Faliag，dis．．sinatre－Io the

## sapton last weok，we fousd ouravives int tho

 Bourna tith Fow houre on our hands．Aad lanvion fard a flying visst to this ansghbourlood in 1man，in see the canditions under whulhoue of the leaduas liouk －prubuced
Wosk Línoolnshire is as puraly and interesting an agricultural dutrict as is nor to be found in has country，＇lakluy a bine from Stamford to Sleaford，and an the rond to Linealu，before Lincelo Heat
 an and unting furu whioh is pretty to look at，and a
sume tme









One tine day lant weak，then，we spent with Mr． Julu Hours Casswell at Laughtat，a name and Crm
 and other meehums，und sold at Peterborolagh and other fars．Mir．Casswoil his two farms，ms reforred the the fon farm being five mules or mo anmy Lo the inst，throns islaokby willige and hamlet．
It wa cul take too muill sjato to relate separately mituphat ins，it if wo work up the tiro torether th





 mont infertitel in getation－hspe been Inmbed down． About 100 shusering ewits are＂set＂in the fock






 droukht ind ，fors consequenoe of the extraordinary droukht and loss of tho Turnip＂cour of last year pust of every sliecp that wat mot really of tho iduat prowlisiog character But there are now 7
 ais boave alloug thent bre hatign，fiecut sheep，there is one th jairtactar，whint，we dare tis pro－ show thes month，and soinespr reded enthet in manang ratu bresders shoud ha bey errete to the find eompant

 and licsues thes cearly zo，$t$ ero are 14 ho－sboar


renson why twe laughtora ramal have mado the thatho ayantas at Peterborough for nome yeara past ha cealdy understood when the romule of this（look have beap sean frosh out
lambs by them．
before entering into the leadink detailo of the aystem whereby thas large and lenvy ite $k$ is supported，and
 number of cattle is poneraily nonot 250 ，dipid．Thy vow i，i－jearr－olds－which are now golng to inarket of Gruiss ath corn，or cotton－cake，－2－year－olde，yearlings， anzeakes．Anth and more thrifty stook of shortionn catte than there
As Trowalout tuIs part of Luceleshite where these

$$
\begin{aligned}
& \text { cas yos nriburd, ye lave never sten. A reat and good } \\
& \text { but] }
\end{aligned}
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bul athong the oow sh sulicient indicatiou of the
sprit with which thus dopurtarent is also pursuai at

The method of cropping these larma are，－an the upper land firm．a four－oourse system；and on the lower lopel，or＂ron lazd＂a five－coursa syntom． Clover or Pons or beans，and Wheate Tlis hish

 Arter coysg this，it would seem to be Bomiwhat con－ Turapp land，the frst round of the course orished by the way it is neoassary to keap sued uly required a attle explazinuon to make thase sppa
 the lirst ploce Mr Cissthell gitas：－After spendio It as acte io artifiugl mature to grow Tarnips and 10 par scre in hootur and oleaning this land is 1 pe
 bo fithe Inexpensive course of lotag fallowing had been a apted．＂l＇Hus，a crop of Tornipa cost here，in aspure，jaboar of sowine，Eecus，cultrvation，and Injury
 from the cart of prepariax the Turnus fur the sheep．Bu thus Turmp－cropped and sheep－folded land has to hate －ther fo

 rans aud lie t der beasts al y ards and sheds，places go

Fearg, sud on the fen land ence in 10 years. Rye-grass leaves are so rapidiy pushed forfard in thenr younger

tand "drummy," when nny kiad of crop is sure to wholly or partial y fall. Where it lias been grown, at
 autumin, as ary reparation for Oats the followitg aprimp Cabages are, however, extexismely grown, both for varicus ages and requireapents, it s uecessery to base
 sheep, and espectay whte fuced or Grass-feedng sheef, unlers they hase much wliy wexetation ong the soll that has been impoverisbed by a root orop nond tread. 0 ? number of acrest for wow tur wit Tares and Red Cover Amordug to the lano and ts conditionh, to to pecke of


 till thers are zeveral leaves to a root, and those are heginniog to show thoy are of the "froad Clover" ${ }^{\text {Findind }}$ The other gieces, which are a litile mole bookward, The othar mieces, whicly are a hitile more baokwarc, fortaight's tume, whan, if funtably atocked ane or fortanghts inue, whan, if sulatably stoeked and tho geandanee of rich feed domen to the middle or end of Oetober The jhall of feed ug thas mased erop of is,





 Whathe \& necesisiry to give a fixx of the cliaracter, treading 19 Ler elimal in ord cary weather Thys method of sownif ( ntre 14. Lesthes, as cerlatr why crop or liay next year, of fr feedirg of at the decumpla of the mouths of the sfe stonk may correeponci with green crons, and in the yerds and sl peds, all the Peas end Beans gromm are cate ${ }^{\text {en , us a rule, }+ \text { ri adut ori to a }}$ "beral supply of follon and linseed-azkes.
much, for Mr Casswell bas recerntly bewme a nomber and director of the "South Linultshise Farners' Co operasive Manure asaociation " and as this ie the first
year of hia change from bone superphosphate and ghan to mineral superphorpate end quano, the reault few warch on th charicter of this change, and the
 but on further fxbot wi

Firsh, howerey, fir lice supery fosphates. Ep to this year bone sumer hosplate las been used at the prite of
 for white Turuips, Tach pppheation wourd be 10 addition to ithy aina 1 dressing of firnizard manure, of


 and huranteos we need not er ter nito are are The prent




 ordor is fillesisiand ant ang answer is returnod, a pronted






alasil the This as finescientific farmme
aial be anxious to leara the result when sufficn proof dinall be fortheotinge
We have referred, bunply refer to thenciatons to wash drill for upplying soluble gnperphore of the watarchaperyhosphetreace is that, if the whole of the soluble Superyborphate be drilied in with water, for Smede duca will not keep through the winter. 11 , thape bo simuarly rrosin, the restilt ts the amme Tho thenerg of thy ra lant tha yourg ylants are so flusked hy the


## strenzth, the resuit bemg unsoma ce.tar fosven

 whel paturaliy permis ornto the ny uare forme Is of so mush valus for precuring a regular platut and
tarting the young crop of, Mr. Casowell now broudstarting the young crop jutrows in 2 or 3 ent. of the 3al ble pisaphates which ha app.lez.
and a small supply' of tils ferlisiser, do enough fir the pants on their eari.er slages, nik which tho fors wae ramatied themselses through the sol, tho ford they nave had supplind them 14 not all ut the base of the where tlie roots bave been sent out in bearch o moisture and fopd.
The only other point of this olever farming, whiob we thank it dosirable tn notice on thas ecenaion, is the
'feu Jand.' 'Thas urop is taken aftis Oate, and it is thte difference only whish alters the four-courso in the one case to ite five-courso athe thether the ippor
 the flat low land, would, on the contrarg, be too mueh enruhed for Wheat by a green crop and feeding it of as Mr. Casswall does, When, however, a crop of हhif straw Oats has been taken, a fine quality of white fictent may be reakoder on, providmis there be a sua On the apper land white Wheat will not grow at all whila it is found necessary on both the lower snd hig der lands to mase a complete canage of Wheat $\mathrm{I}_{\mathrm{r}}$
Mr Chsiweal has dono a lattio sterm-oult, valune and poukhith by Lirmg a set of tackle, and be contemover has clay liud, by woratag it mort rapndy whun the weather is 3 ry, and fine, or more crompletely to tho atume, that it may have more of he belefition the misulary power, it is calculated that the present to 20 , sidd uthand rarting harses may be soon reduced to 20 , and utimates to 16 .

## ebe 3outtry Fato.

flay poultry blow seasar is sething ith v gorously, and we have tha week to chran clo tho reeet.rits of mportant clatme to pottee, rastruch rs at is not simp)
 is not a prominent one for pouitry as regards quanlily, and it cenda but very litile to the Londou marisets, Fo thiny, however, there are fow distrcts where pure meeting might bo looked opes rith hardly an inf the pen in It. Dorkings and Spmansr bave alwasy been

 Mr Tustamimy lit for Fena Mr Ropers BuI won for
 First irize for Coblis wetit to Mantucster, takeri there by Mr Tuslr, who taso won the tst fur linauprejudice of tho other varietiea
In the sartcty cless C'pitain Woherell touk lat, for reveciniry, Mr, Funler dd, Mr Beasley bu, for Salabese
Mre,
th Juwens and also for Allesburys, Mr Fimtr Beasles wat for turkesg The mectaz wus by a hinited to bo tughly sinecessful

Loudar, "u the Albany culterator, no quoled in formition as regurus the util ty of trang stat stical di thatan extant we ean oridaly nereo with h+m. ing has never suffiluentiyy fortered joto poualtry fork into farruy mand weful producs that is Titu trucicen tous forl when mixed with bras dis a staple, we do not think the bras dot moud abswer, we she the recommend those using st to mix one-third tirie ont-
naeal with it.
Midsummer being past, and July getting middle-
 orultry are much better than thather the resuits in thartridges seemato liave sudderenl hatech

 on cont red to ally partacular colanty or destrat roils beotland wo bear that in some jarts the first and that the birds are now sellandrinises were aporled thile the suffered severely bs the souw that forl Fhite ube birds were settung, but we hope for batt of leverets to the ere Jong. Judging from the supuly has been a bad ono ion markets, the breed this sent deal of dusense among them there appears to be a prozt perished.

## All 10

All poultry axhibitotw will now be naxacusly awat sheet far the prose Bitmiakhara prospect it and pr $z$


 repay a lithe extra caro and attention girem
pustaing am along for winter


The (warersitich firmis on Farmano-
 Durizane w, askz $\pi$ e how tly ng are in ing gai ta my Int are comprall InR He become ntrete

 hey are cousplan mar: a wout nor, except for the git
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 Haburd s idea is to "I +1 the sum, resk " Thas atges




## $4 \times 1$ tha ata


 Whie sherert. It wat it-It: two olhers, hat Hils sour Ind, boi r rasect ar souls, with dreanitho, aul youd duli off call, pf the
 Turnips : go m for '1 afu





 laryo landed jroprlertur, Milburd wh spers it


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ounties, ye:
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 farmers，of coluntieg，（we are none of uk，I am quit elest which，＂and ye loge nothtag＇sy the
 xd or puper－sind thy frst，and the second too tor
 coni prosestnue，but announces biousel＇as belar 3 orders＂What you other fellows ars drinking
 rot－A Aepy Thowyht：Opporturity for varjed na whind a hedpe．He laughs at my oredulity Det wowe do it，＂he cays．I reply thast＂I had yestal tcav：＂If 3 E II Leherere a worc fory EBy of r．ad．I zive ye up intirely，ds I don＇t want to
 yras the worst and wildest pirts and fright walk
 ar mithont a gun，or a dog or a stiok or any －al thing，nid they no tou 1


## Catenilar of eperations．

 onsaz ud liqutd－manuring Itsland sistem of whor Grasjes，equ，are now in thair prome；a ton－ zunu＊mpaly of green food jor woiling being forced for－ and ndor a duly sun Whan eut at thepraper time， obefre $t$ suffrs towarda the bottom from blanching， wid or mess of any ikind，it forms excallent food for arbecisz，and it may be moximed with meal，or other hage par tes as to form a Wholesome diet for nea arbeng either fed in pens，or fohted oil a fielt thin mextraneous ansiatance．Thus，whero streep are If fod on linpe or ferehes a targe proportion of trach crops．And Thare suoh crops are mown and to to stock in yards，they may be profitably mixed ro hoproducs of irrigated land．It would bo diflisula

 Etial．Thine，by means of water，hals an mech or an or nay deared thivkpess of clay，or marl，tay be warts，at hhy very time when they begin to be burni 4 lieveralig，fie whier required to convey the uf ruflima，Apply the warp no faster than the Winks．As yoon as the warp is dry，yoll and bush Finprove the herboge．Tho result will be a fao等 thard in a short tione．Whed a hay orop hat Ontaten from euch soils，the stubble may bo warped， whit In exemples of this kind，it wili be obseryed tal tho mater mapples food to the phlants．In the matare meanon it is otherwise，and the difforance Fil ain warping pay at that season，whenic Wo maroing mbest wiblele land，$t$ mas to F oughed or grubbed before
 nry with the soil In our southern provinces，the hat to seeure a cron of stubble Tormips In the north bre n yery little arable stubb，e land in July，so that MTing wer dite leferreu to Saptember and Outober Calk，marl，ciav，arth，and ashes are collected andeps abcit las tire，or betweent bisy and corn
 then naned fations were ermmon，Dut whencyer ataf an be broken dinn and nocorporated with stolen Nlire latod they may now be profitabiy applied，for Sus shomerv，and oveh manlit dews，will fu rer ze and
 aina no in wisetation W，en the cally frum pits con－

 aropost eartu ts collected Proms headlands that nacrease a depth fram soil brought out with the plough．Ruad Mayp：Des in 1 the elemiug of ditches ar＇s also collected． thyshigg，in short，that will form a compost hall cuplimes the hill 18 tarned and mized with farmyard Mande in other cases with the liquid from the raptead in the wimier tima，or it is mixad witi lime． －vith the refose from herring fishortes，sprate，fivo－ His and other coarse fish，seas wedd and bo on．In －Hey rict compasts are formed for top－dressing Tring crops or deterioraled rueadown and pestures． notiag gracel or stones for repairing roads，or mon．Ail the farmather job for the horses at har thom before the cora haryest commencos．Stones Eluited quiarry，and brieks from the brickfeld，Flen fetoes of a distance，are also garted，when required for draning farm buildinges，so ara drain tiles for Wht，wely no borm to farm ronids or the lond，whereas mirche $x$ nier t．me it cals up eversthing，the teams thras bruliog hair the londe they do an summer．

Sheep－ekhexring in the hughland distriote of the north 15 generaly finshad about the midale of this month， htitle before or atcar according a the season is early or
late．Thas year some dissitrons refulta have pocnrred from＂early shearing dissorous resula to shearing，the shoop are washed by swimming them through and through the prol of a rutning atream until tiliey are clean，and some sheep－farmers put them once dr twice through the pool as they come from the sigars in order to clean the skir and eat up a healtivy action to the soriace and thas obviate colds．Would it not be a good plan to mop or aponise over dewly－bhorn shaep with 80 me saoh as dresting McDourall＇s non－ pozonous dressing？Thas would be inexperialve，from the suall gaantity it would take，while the glow from after losing a heary मeece．Beadea tiun propariag the skin，or inurime the skim to its netw condition，eny tick or lice woutd be casily and expeditiously derpatehed． and at tho sanu time fto usual attack by bood－sucking tlies entisols prevented W．$B$ ．

## Notices to Corrempendente．

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## SEED ADULTERATION BILL OF 1869.

It having heen intimated to the Promotem of the above Hill that Mambers of tho Bed Trade thratid couttry are desirous of assiatug in carry ing the Bill through Purliament, it is hereby neted . Barouph ${ }^{\text {gi }}$ the RDrtoss of the Gardeners' Ghyontede, who have consented to receivo Subserint.ons, and will be acknowlodged in the Gerdinors Chrontele.

Tho MEAEBRERS of the COMMTTTER of PROMOTERS of the SEED ADULTERATTDY BLLL Who have enth SUBSCRIBED f20 as a GUARANTRE FOND towarda the expenee of the bill,

CHAIRHAN-CIIARLES SHARPE, SLaford
TREASURER-T THORNTON, 2, St. Thomas Street, Borough,
COMMITTEE.

E. ${ }^{2}$ BRALE,
 Ingrted by Oniler of

J gubertson.
 THE COMMITREE of FROMOTEB of Wi
nine monthe．Tho plants were remarkable for companobess and vigout，and the fruit of large cize（Cayenne and likeck Prince，of 4 lb ，to 7 lb ． oach），considering tho plante which produced them

Illustrative of the practice which we wish to inculcate，wo may instanoe an experiment made more than 30 years geo At that timo some Piang，prinemally Shack Jematca，Anutacrat
 and，as wor uanal it that time，each plant（thr rears ol 1 ，threw up a quasitity of shicker it was late to retn dient to thin out the smaller ornco，retalint
 oxpore the base of oach saleker＇，and aroninl the－e Woro placed some piocea of turty of steam－pipen tiviler the hod．Tho snokers Boon ghowed that the atrangemonts wore suitable to their requitemonts，and thoy grow necordingly． Farly in the following Febraary，a pit having boen propnrod for their mecention，tho sackers wero takon nt，potted into $R$－inch pots，rlunged， and kept moset and fyrew with more than of April some of the met forward began to show freit，sad the others fllowel in $q$ irnk sizneersos．．As the plants showed fruit thoy wero removed into larger pots，and the rosult was that，in the sop－ show，from thrsem suckers，that averagril nearly $4 \frac{16}{}$ earh Nearly the thole of the planta fruttor within tho year．This，we think，is con－ oltustye eridence of the palue of the praptice we recommend－\＆monh more simple plen than that ganerally followed．
Rascarity is boyond the pale of pity，nor can any right－minded person heve grain of Bytm－ jathy for thotere who give way to attoraks or jng if we may jndge from rocent antubungements． are doplorably on the increase，enil require to be reay pigoronily reps．It seems that oxhibitions Fery she usual sconed of ayrl divireditimis
if cartainly behovee the managers of flischin to have a shapp Iook－out lept to pramit outragenus a wrove being perimetatud on thewn Who contributa to make up the exhibitions．The followiag lethar apeo
farther comment ：－
＊Theressin your issue of July 3 ，an ndvertisement from Mr War．Paul，respmeting the lose of a cutbing fromz one or has pariepated Pelargoniums at the late siows in Irondon，and woaro sorry th have to record，from our
 our plants were cut in s most outrageous manner iand ont orr the whele of a plant of one of our new parieties， ont or the whole of a plant of one of our new wariaties， stump in the pot．There is no disguising the faot that tomptation 60 some light－fingered people 4, th dif hanast propensitheg so mudh so，that it beomes ins－
 managers of the chow，whonver ft may be．The rous，and all should have a oommon interest in fro－


 It would have been uiterly impossible for any one to bave gromi golarte of spechaten as the one rhorin since that dato，inded it whul take some hern years or more
to acomplish ibreos sears aco，when exitbitmis at brighton This great｜y obaliged if the oxhbitor of the pland in questron Would communiesta to us any information rafative the souroe from whenes he obtsined his plan


Oonmit of readers will learn with satisfaction that the that the Papgis to heread at the Manchestor tontins should be made prablic as moon as pospible and havicg no publication of ita owra Arailablo for that parpose， has decided to place them in our hands．The jampers， invitation to rematin it the gooiets＇s dievoch the invinsion to rematio bating taken a leading part in mepanising these meetnwe we are glad to be able to render n rita in thits extent nr tirir sief iness he
the essays whith，we may did，$p$
vasied and interesting obancter．
－The followint is the Progrumat of Papgrs to bo read at the Manchetter Xeceingg of the Ifortac．．． tural socetety．
ewh dyy－



 N







St．Edturnd h，Malor I．Thavot Cuake to the chair
 Felbeck，Woriksop．

Tintoin










－Intending Wahibitors at Minnoheater will be the adsacant rallway siding into the Hortsoultura Saoidys Fixhibition ground，End that the railway These fadithes will，no doubt，be fully upprectated those who have many plants to move．
－We are requetted to announce tlast arrange－ ments hava been mado by which ant hort．eculturiths， who may deaire to dine fogether at Mlanglestar，may
partipipato in the JUDGR＇S DINAEB，on Mondsy partioipstre in the josition of the gentlemen upon Whom these censor s．dutios devive，and the probable presence of nilit．onal ropresentatives of the Floral

 seems to Lo dessred，indeed，suc la a soce in gatherng as thas，apucars to lave many edrantaje c，ver a haro pretentiously－orgen．sed d．nneur．Takota（3s，each， 118


We learn oflaialy from Hamburgh that tho Quaen＇s Silver Cap，mentionch ly us at ip．
Rivan for the best thrie bune hes of Grup es Te tiave
 faosities for artícles of exhibition－







## 


 in France，and whioh in unhappity wider than buted in this country罗保mer to be able to determine intiother the lethen Ving leavers，whidin 18 clerirly oongeneric beiong to

 that the spectes is much langer，but of the \％o moment we ara uable to dotermine thi poina Ko
while wo hevo made accurate wisurements of
 from the norghtourhood of Londou，snd from beb hire．Wo obsorved that the ullimate fow is oung actrve inseó is transwersely ringed，whe anve not found to bo the caae th the aduk ap
blr BưN，the ntalhgent gardener of Lom Pur alose domain tre had dirti sur opmothe of studjing tie insect，in lith，inforias un that bin succeeded in mattcring the plaguo to s whit ent and has promised later in the stesol 10 commurn nit plan．The point illustrated by 3f Phacion ． the ocourrenoe of winged fomaise，is sian siran pes observations as it might joxibly be bome panch though the flyure，whioh is pol horerer Tef mith

 past We may also rofer to tue artich and ing \＆



 spparcikl groabl in！
due to the srrested growh of tho trae mamino！th tom as comprered mith the lower and oder portors， 11 consequerice of whioh the real aper of the is 4 the bothom of the Gylinder．Now MCDGL
 is a ring－lize projection from an ans nion turthe jechucoss，or growirg polntos，pornsppond w the retisl libro－vascular cords of the primery nig sua was
 polats have devaloped atolo loweon and

THE NEW YHNE DH：AGO Tire fullowing is oxtragted foum tha genturn ing



 nomenclature，nowever，is of little





 segmonta，obscarely soparaled ，xamitecl for



## exterior projerstion of

## 





## CTin Poromil the eggs of the same laying sre oromded as muct round the mothar，without any spparent what of her Bbdomen and head， 50 ea to turn quite mod，shath have a pery amooth sury ciree gilhere but N wher to

## Hymy The shel remaing for some timo empt

 Whe first das $s$ of their active 120 （irom two buel fre． 5 They wander here and thero to find a apucto fo fx thamselves；they aro more sotive than ruo Arita is kencrally niternate：one might cell them arwed the two stictiss of a blind man with whath be nothe kround as lo ailvances．

Aher a varinble duration of this wandering lifo the
 proboscis can 1 easily be plunred into the Nip of the rougg tissae，Which is full of juive．＊If Fof bark，it is or the circumference of we wound In the section of the medulary rays，that they

朝day frewe to of their 1 fe ，from the thind to the
 mother espenal．j＂it a dew Found be made nea furoly direots these subterraneou cowaris the spot wheh suils them the beet annat fe sight，for theiz eyes arg simplo pigmentaf han，sin ：e thoy finera，y geek a vergetable tussur．It
 Hinstrman are not the orgizus of ths fuychion， e locality has been eo mual controverted
thnne－t the non－mult ingects，fixed by their mastrind ate stre ond paneraly of a desper aramge， noumen relatively abarter，weoms more tran－

 anow mindoubted famsis mpproarhing thoso in
Ldouble moult precedes the adult atate，the firat ining aterr burth，the secoud a lithe time before tonty sboat the number of changes，tho empty heng found mixed in a croup of plant－lice of
arent ases，withone its berm zosabie to come to fieckion．
othe rootless，tisoy turo porthapa boftor neturishod，and －to anderko more rapudy thoir diferent transtor－


Hes of eroa genus，is itio winged state of Phylloxers ho rare $n$ tividuals which I have met with all ceme aindiriduala nourished on the rooks of Vinen lately In the young state（or we miny call it the tho fhomax io more definod；a digtinot con－ opurates it from the abdomon，this cosesi of ninga zader the forta of trinagular tongusa a payish colour appear on the two sudes of tue nand insect．
In mone in fect，ts tro see ome of that nymphen quit 4phos whens it was mora or leat fixed，and rua orer Noot or the walls of the vial to whidh it was －ifmation．J＇reckently，instead of a sort of plant We wee，olote to a transparent stion，and elegant Tively tho length of tho body．
－It in impossible to hove any loubt as to the apeailio 4 roots．The details of the struoture of certain Mrys atennee，feet，tarsi，probosoles，to．，estabish the - atisf
norizontal carraze of the mums porfectly distim－ lob loxera from true aphides，in whinh tho
 then thio obsth hely obovate，cunderform，lave for shlly diney，between on mitertor aerre，which t intaphed from this ladis from about ita middte and an prolougm this lans，from about ita Mividie hanty not nercas，but nether folis，for I have The misenor miaed their absempe．
 Whow horve rumung frona tho．r bate beyond their Wint the wing shows at lhis point a short radial Whe nims marallel to the firsts and disapport before mity


＂The eyes，relativoly，are pary latge and of a black marked conical grojeotion，their surfaco in gremulated a punotiform dopression is hotlowod out in the cantre
of eagh papilia， E ciroular ooallum is soated in the centre of the forehend．
＂Amongst the 15 examples of Phyllozera whicl I
 soon ifterward．werigeps in monsequanue of boitg con msect，to hio urmuer of two or three lis1 the enure parent light of we oomprees the unsect on the stago of the mioroscope．I know not how long they take fo hatoh，or whather they al ways yeld winged individual It 15 probable that these winged aperimens serve for spreair ng tize malady to a distaneg，not indeed tha
 their wings by rasigg then up，but without quiting helr plate of position I aupposo，honyever，that the Find in the prinojpal agant in the disporsal of the appondes． ＂At all evenks，the knowledze of this winged form
 nearer diapersion，it may be prodeded by winglosi foot of lants tuready a fiected，woull perlaps，Fold o thers syarms to nesfibuouring heaithy vinesarde
take to arrue from onc plant to another，and cupecially
 ae sond ur，rallior，on its surface－during the coolness nud obseunty of nalit，working lile r way down by the
fissures of tide bark？This consecluyo soons tho most crobsble，and 15 supported by an experinent whel robsbo，and 15 supported by a
In a dass athout 40 inemea luna tone metre）I put some garden soal from Montpellier，free from insecto． I pised carefuliy in thas truacheons of Fines infested
 the inseats to get out．At about a fourth of an tacif

 nearest rook，and same daya after 20 had ruabhed the small number．Ooe did not reconve atay If muist
 A similir experment，but in soil nixead
It gavo only negatwo zesulta（Une would，Lourover，bo ghad to larn that the in wasion was mado only from the
 propertion might be extremely difleult．＇

THE SUMMER CUUTIVATION OF WINTER

 ailke．Much dopends ppat site，sill，al shiate， the later is one of the weiglit ell fai tors til ecterms in
 and improtves our resha arces and emenhos us to dispote enjoyment．In the cans harvest of water and sprin flowers it is chyintically irie，that on a man rometio
 He that ecrus i，toor nfly shall reap rparingly Me that trusta to ohanoe，and meither dive．Mor sous，hior cu，



 suminor．The cblatuc riss uf our wintry subs wat

 of tho sin2wdrop，the goldon glare of the Croons，the azuro Dhe of the Forgat－MONDF，are enah and ali The summer cultyvation of mintar flowers contivet the storiaq up of the prodeobe of the summeria traime are and suushive，to beoone the light and the benlty of darker daye Then tha sinter sud en ualork tho atore－house，nud revesl the peayl in great or we and heauty withet but when wo hay Iaz bect repen，of
Far be alfon the to declare that wo（ar make of ao minko flowers abmolutely and positivoly et pleasure ax it trere，of ittal force to $a$ yery groat exient，and can gulde it iulo luaf or stam，or conoertreto it into bilowom by the leadings of our klcill，The fault of


 stome，flowers，or Araito．
and such direotion of onergy to prodetermined end mill oall aultivation a leading or if＂F ＂narsing＂not，howerer，using the torla in tho sens namshing，and guiding armbit It cent




 modide thelr
foll ws that mol lants nead thase be erue－ald it is - di shl ws that ing tante need more carefla dultitation than And for this reason，Piatis krotint or blocsoming at other tinies may rece tyo some assistance in tho aliape orshay，but theso can derise litt．a or no extema
 ind a larke enowath stack of orrarasablo wital fotes fory hami over and throntize tho contire slage from
 importance of tha most careful prapiration．In wanding same principle with our wintar bloming plants．Lat lwery ray of at a 11 be 7 ．ino lithe bofare the winter GruF，therefore the lorely Myosotis disstallor －that this will prora－Alyssumas diluriotiog，Arabls，Violas，II arsoasa，ca，nigit 1筑
 whil thia eluergien of tiae sun ba foonased as it were，ani transformed into litoral eavelopes，to bo uafolued in an the．r beenty to enlinnce our dreary monthas．Onty by such a skitful husban inge of Elunsiner mubbeams can wo onjog to the full a harrest of beauly $2 \pi$ wanter and orery onerky atud talont sload be bent to mercase tho nore The frimary olject，then，in the cultivation of such pleals is not an extenstind of parts nut $\pi$ con aid ineturatuol of blowsons buds Itavine formation tho and invir yrovided a
 a cundle，to kivo jught in winter．Finch dowarterathat is atmply a condlostick candjelest－a fruitless fruthlece
 onddle when tho light wes neo－s，as to expect wister
fowerish plants to lowering plants to form blossoma in tho floweriay bo enyoyed in thy lefte or in winter．
Is ith wintor bloomint quarter a mather of indinitu－ inatruotibn about the phaciag of osadon，ind the given rulw halds dood in mogurd to laveres．Thas queation resolves itadr mauly into onc of where uhd how thay oan
 setting witi lo co sumtent wit1．It not condurive to

aracter is a rule all sumpl phantas tho Myosothe

 iat，enther as rows or in zossen thotelo it 18 sill mere brauliful．nud a month or six weeks jartior，on rasoo bankis，But the adrantapex of irretular baso itaes are famitien．I mane told to eflnm that all herbecour lanis look bos oa wovis mula，while a marden of carly flowering buibs so disjosed，hike irtegular wefrs if fowariar beauty，wonld prove irtesiatuly clasmiag． hit our atfual bordome phats wouli be tom flat zases was broken ue by an arithe．ith fulatane baso． Tr to，the art of culture masy te，ithte thit sad by best mant art is largely dependent upon the configure
 o biar varie gatel the eurface of he world with ont－crepprang mountat +5 ，amd scooped on चilleyje，the beltar to disptey the nchness and grendear of her covering robee of bacaty and giory，and one of the greatest imprapementat that could berneoked in on D．T．Fifh，$Z \cdot R . I T S$

## 

The Golder Chempion brap．Hot Mamber of the rut Commitee of the Poygl Horticuitural somety rints of neto t This mast thon be mo exantes for

 Chrstopher Turner lizi lleve
hopat gardeacr．bul

 Corse it of Orapes panted there，Rt tie clokde Charngin，il ough plateri at a isur date chat

Lhey grem so rapid) ( (thenge of the Vines beang taken each of which exhibsted the irue characteratics of the Grape b 5 it has been proviously shown. The robustneas and "ifour of the wrod is remarkable - more
 li nnches ouras, and minthyoung wood of the eurre the tipr of the jouth laterals, wh.ch were forming upan 11,0 young $w$ nd, I poticed (iti one anstatice two
faircilzed bunches of flowerd Theso, though only just perceptible, indicate theif thin warinty, is as prolifis as any atnongst oar best older ones. Thang the merits of 1n ny good apinjon of it then ever Wrm. Earley my erops of Peas come to maturrty, the rata eat inem, so that I hape hardly had a dish of Peas this year, We



Eeward of Tertit-I am quite sure the majortty of your readers will coixcede whit the arcellent arguments which you bropg forward in mupport of a decorstion for those who doserve well of their country, and have, by thesr akill and examplo, tended not only to eariok it, but repder it the emporium of the cisslised wordd,
It is no pecunary reward that 15 required, I feed sure It is no pec uninry reward that 15 required, Ifeel sure derrecsite instend of to houour the reciplent flet in oo si lupla, hat tat ine donor ber regat. Coming oven from the Counctl of the Foyal Horthoultural Soonety
wout i not give it suffioient werght; they might advise, Wot lut bestor it In France how many of the conferred by the hand of the Emperer himself, and should not skil and ndustry meet wilh lika ramard in thas comary ton? O , F fruts, nur gardens, our plants, in fact tue whulo of onr horticulthral productions, and 13 it just that the "sproneers" of the profession pirde, and hand down as an ucirloom to their ohildren's clnidren? In is fam Heale, [The yroposcd recountion, trobuted as the Fronin "Legion of Honour," It is a question whether those undecorated are not adorned the moat $3 n$ that case. True the Sorereign is the onis tountain in the least dearee applicable to horticul. turinta ia that of the "Bath ${ }^{7 \prime}$ The reward should, 30 our opiniod, come fras apiseonang the worth and nolsievements of the individual Fhore is the honour or beng decorated


Foxgloves - A few lay a apo wo serit yon a shall bus of 1hrital's b.minis we laty retid sume dowers

 Grasl! Etteation they require in \#ler caltirntion Shuart \& Shern, Kelso [Tery Gno pxamples. EDS:] arhontigraph of a Thoulonlendron growing in the grounds
 pout. ums, ald is lis feet 8 , weries su bolfht, and Hif feet feature th pleasure proands. Are theto auny ind A Jow Frut Growang Idea. In the Salurdoy Wereso for July 10, I read that the shift, hoamy, and adspted to the culture of Apples, prowding tue trots
are grafted on the Frencis Paradies stoc's This permlar



 whioh awing to its level of crupot be drasined; thet soan, 18

 Walnat Trese-chan my of jour eorresponde自gist me in the followiug? I heve some fine o. deoline during the past tive seng symptoms of mpad deolime during the pastotwo seasons. Thred years since the mand drainage bas now lowered at to afifeet below Can lisis be the caluse - it is suppozed to be no. Near thich Fers fest decagugg, by digging a deep trench poon for oome time, and theo refillug with better sol walk of 5 feev and z theket of Lilac, ser, beyond. Cat Eerbacoous Flowers. Theso aro oftan in. in schedrles of prizes but it is only rarely that shoy are wedl or tasternily shown In the aubedules of nearly ali proviacus exthbitions thero are classes for theso no Wel. as for col estans of cat formers, bat soldora 181
he poasibly could, through all borks of monstrositiss and ridiculaus typas, inclusive of what the Rev Wr Irole minating to bomething that would have done for an umbrella stant, or, bad it been more durable, ferved the purnose of a clothez-liorse in a curdiren s nursery The latest dever lines of tlowers of sarious oolours, aye surmounted by a des, gin composeril of hrasses, made or a prand d splay of flor cultiral fireworks en mass cortucately there is frequently a great deal of vegue oess in the wording of sohedules, grid exlubitors inhs aftemolers really requiru - on the supposition that Ley 8 now themselves At the recent suow of


 Fers shown in neat bunchas, with just onnugh fornige to relieve them, The flowers consisted of S. japonica and S ambrosa Alstroamernas, in varisty, Centranthus ruber, and a palo rose-coloured variety as well. Irns
 Diotamnus Fraxidella, Veronica sphuata allua, Stenactis sneoiosa, Campanulas coranata and perstandin, Baptisia australis, Peplstemons, Anthericum Itwastrum, Melitus atelasoplisllum, Gladinl is bgzantunus nid G. Colvillit, Tritotia a area, Lathyrus Lindleganus Canhys boccines, Borake, Acantry Dells. Without exhausting all tuo subjects shown on thas occas on, the roregong may be
regarded as the very cream of them. Tho Pruvella grandiflora produed on $\mathrm{hh}_{\mathrm{t}} \mathrm{s}$ oceasion I takn to be ident, cal w.th that which as to bescen in hir Barron's
onpital perernal bordar at Cluswfeck, under the name of P ponnsylvanzen, This border furmathes a fow hood hings just now in the was of pergantals trented for Jelfrayanum, Chelono barbata coccinea, the purple and white doublo Rochels, verembergla ruacens, an the new Rose Canterbury liell, both angle and double In adidion to these, the different varisties of Anomon japonicas should not bo overlooked, or the red and White crerlasting Poas, the new gpoted cosplove of fine perenanis for exhbition purposes ; and jf many of the prizes thet pre given at conntry shows for, and lecetiona of perennaas and annuals the rexult woud be a great en an to the etfert weatess of

 or a 4 alloction of eut $w 2$ d dowers and grasses, open to thech. Idren of 1 olasses residing, $n$ the parishof Vrithe up sum of two gltueas liaving beerl inken number of afs exhbitors competed for these prizos. One amal tent was completely filled with about 150 of those ollerliuns, of all sizes ada blapey, wh o the remander Gak from ling attac lisndfua of grasies and llowers
 witha kusu, to dosigns (actuasy the waut of design so utterly incompreanbible arad yet so elsborately
constructed that ona coul not but lepartily deano so moch labour had been mote worthily oxpended Rotsmeal revence bas nuctis to be hopeful for in the rutare if ${ }^{\text {ara }}$ eludiden of the parish of Eirth can bo indued to explore the hocsity for colections of witd

 chaldren Those who bel awo otherw sio indulgo then-
selves with a pleasant fiction for $1 t$ st 1 ta parents of
 the exhubition, and too oflen at the same tume ih manton destruotion, of the wild flowers. If teaching is the object, tako the chil
Honoydow,- I am obliged to Mr. Thempson and Profissor Westwood for ther attompt to carrect me on the mabjed of hoaegides ; but I regrat that I cannot bow to their theory. The learned ara, and always in ruy posseasion to whica I subject. The ouly book "t the "London Encyoiapsadia" Under the wort "honez dem," I read as follown;--" A torm froquently oflen seen corerrigg leaves and other yerls of ther It does and plants, appear some partheular serson of the $\bar{y}$ ear
 mesus been well nacertanod whether it derives ste orikin from external circumstances or some morbid supposed, however, to be thenselves. It a generally It then says, "Soe Aphis." Under this hen tasects. doctrine is propounded as the opinion picad the same Fis lately given by Mr Thompson and of of Wertis, as viz, thetsitis caysodby aphides. Tr e ninly nther passage tuferrag to it I find under the head of "Ilops
secturz after It 15 nit folowa - "The loneydew riostly wints of insects crous have been attarked by

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|  apparavee Secondy, th conies un ugually loggy and misty. Suof we other day when it oceurred |
| :---: |
|  |  |
|  |  |
|  |  |
|  |  |

## other "hs tup bege oould ofton Fonf woul ocell of of





 not true that it generills Is apparance on the very 1.
as well as upan ol ana leaver

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 thit it makes ats apperrance after a logzy math y fiy tho morbid secretions which fave been anad by pedtup by adverso weather II Iere I reare lhe men wool for jayiog attontron to my mer, and /h fingle lesf of Baconge Fellebin de Kith the profure persplration ! Under ang circtuknew ni


 Whthout the ond of tioe nyhades, and lionk!








 the carl beforo the horse, and tries to mute whe from the leaf, crased, as bo gass, by the contaming cold uorth-easterdy Wands and thendes oome to face


 be covered will tuer secret.on alass be infortert orer an infested shpob, Low far tho seoretions are es ared suddenly found them covered consequettly tro bonsydew ind tho 能bides to eome rapidjy, th supla night, than
 Fould be free this year, where conast suth

 through the Monrysucha, affected, as far, that is to say, as
onee is concorosi whath is abore the

## ange and the

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 reward.ng ment. It should cunture tho heart wath rauks, and trus swooth of our mugbs sharp angles, and guse us the poosh of the yent eman ft should succour us in si kness and distress, sud ruard our pecunzary materests at all times In oue word, suct an
tostitute shoald discharge a, the duties of $n$ trades union for hort, cuitumsts. While shumulug all the efils for all that mseyl end w eked AD iset there is ho trade
actwo, but that of our 0\%n The Dithe of Argy.l did nobleserfice to gardeners br d rart tas altention to the weakness engendered by our 2 sonternu at the aturessary dunger of the Gardeners' Bencrolent Inat,tution We ngre so little intercourse will each other, that even
thas useful society lanquishes for want of support. Be that as it may, the timo seoms opportune for inquiry whother a now club or instituto could not be iloated to proride temporary assistance to members when out of work, or disabled by socident or sackners, 2s well as the grantung peasions to the aged or helplesaly infim. Io one wond, whether ont institution
 an matrangee ollice, a minentile institute, a frastaca. sohnol of gurdetiens, and a atarned body, to whitls 12 Would bo considered on honour to belong, and whote matronage ind stump of ment might become usafu alds to tromolvon, nud be cookad ypon as hanours hial institution would exonte in tut bohalf most of the strongest motives that rule and gowerd men I bod dly nilirm that mo olab nor inetitute ts worthy of the
 cees under whincli garieners labour, bnd to promole the bers. We have no unrecordel demauds, no dark pans cankerous to soctety to only mait to have ar just clams reapgised, and to be leralled up charge of our duties, and the nutmber and nature of osr asrrices ahike eatitle us, Vor are these only nor cheefy gardencrs' Tueations 'Jhie tiamps luat cut and probably tarn she the far fance, nal nitere
 livik agents Elevate 1 ain, andlartin , Hure wils



 sets in another derection, it will require all the akifl and energy of every hortioulturist, from the leagt to the grentert, and an expenditure of means queph as the masi liberal have not yet devisel, to being the nreal-tile of soung life, with the newessary talent, persperanco cacumber and Vegatable Harrow Judging - I Harrows bemp out so at to be able to jutige by lise thar $k$ flem he whigh tio doubt 15 the pranc pe point in a Fegelabee Jarrow but I and doubtful whether tho gize you name would be a su table size for market
 adging Cucumbers you say that a Cucumber shoula be oveniy swoled tup to bolli onds. I quite ho.d with the flower end, bat for beauty I considur the stalk end should bo as thin so can be gromp for 3 inobes of the stalk end is seldom caten, as it is olen bitwer 1 ghourd recommend committees to sive prizes ns you describe $\bar{\pi} \delta$. TOur remark as to the size of Yegetablo Marrows had reference to the sire quality for use, rather than to therr suitabieness for marcetinit and we mantain tuat thore is no comparisna na to quality between a quito young fruit hightly
cooked, and the ofldor ones ol the size "li $J$ " mentions The more emenly a Cucuraber 1k sthened throurliont the more sy minetreal and preprortovale, ant conse
 one ond being piactood 1 p gern stalk end has nothong to do wath the question, the frut is not less beautiful because that part may be bitter, but it 18 more besutiful when it is weil pro portioned Eps]

## Poreign Correspondence.

Spring Vhobtation in South Easteris Spain over the Botanie Garden carefully. It aypears to be morn mowed and directed as a pleasure gardon than os wantifc establishment, but even as tweh what inseresting. The plants in flower (May ©) wero the common fowers of our Eaylish gariens for May and June monthy and Bengal Rosed, with is The therd Jad Tea Row Delphinium, Antirrhisum, Thiapp, and Tos Sona Stlone, Josminim rerolntom, Renur Irs, trat
 Aquileria, Petunis Carnatious, Collınsia, Viburnum, Aquilenis Pelumia, Carnabious,



Pelengoniumak, ('inerariaz, "oleces, 89 at Murele In this riswa is the operr in thie Genoeve $k$ viera, with the areptron of segerar cua, nat ropa buitulis aud hasian contained Corspha auttraw Carrota, Lron ed ale diniax (ycas reroluta, Cordy nues, 1 racanas yucla uncea, Cyperus altemaforis, Banang, There were doutlonas and Uleanders 10 the pranden, but not 18
 at Valentia tuan on the Riviara. If at were hot so,
why ghould plantz that we car cuativate with ease in The npen a, ir be paced in glasstinuses, aud why also
 onind in the gardetis of niore horthern European eginas ${ }^{5}$ Thiz can be exsily understood The anct. Ward of Spa.bs faroured ait it 18 1a cimate, 13 bounded, porth and mest, by high mountans, and the hesith owns, 3 furch, Alicsite, halentas, ara at some
distange from the foot of these mountans-that is rom than protectioz-so that the oold wipd rall down upon thom Tho Genoese Rimera, on The contraty, is at itbe very foot of the mounthin Wall that protocts it; and the cold winds, possing
 is on y xrow an axpal diany ir Ter shitlerenl a ad warju

 oroharda ficing tho ses, is on the Ehviers, betweon troos in this pardod which are often mal witil on the
 penalis, with elegant blua tavimal fowors. Colth sustralis, a large beswifal tree Dospytor Latus, Cratiagas melamearpa, Gloullschia qracmathos
The Journoy from Valontio to Cordove by rail tale tho travellar into the centire of Spam, and of the high Lsble lad (Now Gustile) in a wotborly direotion, han dosicend due south, erossas tho serra Morena, and for hunde vasey of the Guadictaver for mony rourm
 less, with no catile to enliven ilio scene. Trio entiro
 gystem of cult, wat on as witl uvazes ass "Cice land batere, wers 1 he the ctialk dowas ane




 hobits and fougan wonto very fitilo will do the The fhot, too, of the entire population haing sgeremtod in for mitual promata at a distances from the seation therr labours, is a very grat irawback, a niliomis one. The men, with thelr southers fear of monsturg, stay from work
featimites, for any excu50 tio wornets tokitp all diy farruer squandors his onton tame, and dows jot get that l. Fo in a farmbouse in the centre of tha field of labour No csitle arce seen, and very fer aro sept on thene plans, and I was tol 1 thas thio value of manure ta BO hathe known that the pensantry nuyu, re paying to talk such sol the such views of cultiration, the rosin crops of careals, onlv from a to is inchas hegh, wore Fery than poor aod misorable, olfornag but littlo promise for the future. Even at this high elevation. from 3000 to 4500 , or 3000 feet, uhere had beon but littlo Jann, and further Fann, before the summer heat
 ryiug in a month Ageria and South Esstern Spain Thare what not cat.ge of a gouthorn climale Herra Morena mnu-ta as, the d recton of whiwh duo ead and by ea siliniaus soil, by gelintic atid sart +3 tone rocks veketat ou. Tins chatase is observed both north and south of the Morean mountains, which are orassed a first through pheturesque gorges, and then by atunae the Corsican and Atlas granitic sandstone and selistic rangeas reappas Thif Cistus or Roek Roser, the Broom-ithe common European form withoat spine not the prokiy Broom of the sbove regoos; Pines and Junper buishes the hara Larendor, and on the Myrtle, Leanscus, incprise, the Clasoryops humilis Palm The Tamarish fringes the ruer ance, and the Oleander 13 ofren sean alons with it Thus in Andausia thie vegetat on of -mituern arncily of th Athes nonges sud nver, is reproducen, enecially glan the course of the criadalquiver, and more lecudedly than ut Corsica, where I ne.ther sew the Jamarisk Oleander, not Cuamarips. It is sorular that the Charampops as Gurse on Enal.stit commons I ave thatands of



19 than pnur to te ufty ilturation As I had soun it Speak, ug generally, it may bo msserted that oxcopt an

 Where, whationts the tuontheth the sid becuaies
 rapidly, and soon reachea an olevation of 600 or



 these rift reare ratrier the res, of of appur son with





Grenada, ladeed Cardowa, wheth ss buith on the river bata, vas the centre, the caplial of there dmanmon Then it occurred in me hatithe of bat alto uée to irrigate a joor andy soll, as the water must all siuk throuzatit atid dis 30 hond compiphsurate with the bbove, where such exlenswe iricatiof warts hase exisfed for seaturies atis where they secadre exuberuat extilaty, are all tace vall ega






 ug, yet tha ert re romatry itad a yerdant. smindog lond


 wera mo lowitet naked, bs +n the lanie reat us, h, $t$ olothed mure or less with i, ex, Cork Uak, lues \&is
 drt, warm climatè, more verdent, more lisxariant wit their pecultar vemetation than lime rooks, bills, or soils under the sime condtions. The Yegelatian that whothes
then soils beare drought better than that whuld lives in riof elluyisl bolk, eapecistly when they reat on oley

 by the differener betwaea the stato of the vengatation of





 gronn 1 vegetat on was parcl ed a a but rellu tul to 1 its, Atsother reasun rasy juaniols lye adduced mither
 people actuzthatet to poor lare so wheas fan ue curae melalibrours, arcustomed to tintier and better fure. Hanry Bennel, if D, Grasrenor Sireel

## Notites of 3300Ks

## 

 Cublogfon. Hy David Pugo, LluD. Stiall 87 s,
 Fo thise a clapher deronted tor sotls nad subsoik The The



 more eario. is in llacar formation nona an are dispetsabie in the costmeal ptirmoses they subacrie. compared with aro recent and insignifieant in mare theny of geolopy, but conkidering how intinista fore We namcrated with tho manrfestations of regotable and
 reparios thele prisin, their autitaquary, thather as theliorationa, The fobstcal pature and marolumicul texturs of the noil, and the ciretametanded jnfluencine them, aprear to to to be by no meani mifferently to bi derived Irom in formatigation of bel thets the pryanca, chararter of the 30 , Liat more to wo is . Lek Tits an colation oftse This os well shown is







 the scal The sa ane ramark arfales labewnes tu farmiIr aras, ef Belvis r, a qreat frut grower, +ike Mr


 pambe lai reation bu the patare of tha $\varepsilon 0$

## Societies.



















Ain fs of honeys reat che one that sorere are at fromet








 attarded by aphiden
From tos latier aseren on Imast, wana defereace
 and of aers it the columus of the viardeners' chronzie

Bown time nfo I hied a boz or bive of boos from Londor-kbey wore the "Ligurtan bee, "\% and as they herer semod to iucrease, I had the hive removed









 l'mossar Hostwood, who kirdly replies as follows-一 bats af carpul, thath may lave boert earried anto the Lisel ly Tile uod wracil hare beeti nttacki ition the



## 

## Tわ) (xpiarn.






 *owr cif lati lately beena qu.te darb-onloured and
 IT is Prequent $y$ ats exudation from tho ssores of the
 toe jears shationath the operat olls of any insect: ivrant trees in my gnideu to buch an exteut The bustipa urops frariaed on the tipls of the loase





 nitut are fies + ary of 11 znta und the state of the
 1. nies. I cheve that there are really two pets of howes lew, one nearas always present du end by the bugy pumping organs of the lie trecti, Nones dew usben it prota


 Whatirable to is appearance. Tha plantg betome.





## Garden Memoranda. <br> Howte T ixiut Mrata



 ing oowdiry, and a faw mide Pinabos and andaroubdInads insmedrately on to the upon on saublieria bill-ifide extent, and surrmusted by a lizw-1an fonea Fram

falhwBy wit h thiry the le lelaen gurdeti, in a curace



 1) ortartented on

 door to tuentiverime, the whale of which is to besean fromi $t$ is point at orge. The wo whf +w 18 feet wile and










## 


 erude rouph luoking abouments jut out atr a varsety of q want farms, helur wlasa, in a feu placez, ara of fesispar The who o bas begki fratien by ti,e artion



 ol.ar ones laye been renioped. And what robs tu. purticuar struclure of wach anterest in the casual blsitur, lo thie want of aps creraral et eft to attract eljoy ant fresk oonibicatincs teretofure b dden from ood moth thus tirst wien much of the interest attached $t_{0}$ suoh a wope reaces. I tricil to tel at an applevisulaite stament ragnsdig tha cust of thin bluctare, and beliave I may steto that 3002 . ban eftimate
II. II fath tatiot










 an orasmendil

 his witic on hotle sedes a cory hermor ribhon borier OR कhath at interrals ocetit crre ilar apgues, about bal 8ifrge est the genenil tidth, fotrbilosa intended for










 round myselfouteide the conservatory, fhath is atto hod




 Wel. buloge the mrinand espapeally the little ratio






 PlatycerluIt alwenro, whity ko to tre walls on th
 pords, th, tor stioald I werl mik tro heakets pilated

 bey thrive Temarhably fle teaperaturf, I Tas








 arhoreal proporticns. Ihas ruta fortal beralifol al ject in the baskgronnd, and is seen through tarious cuttinss 12 the plesure ground. The aew ehursh
 tand onts ty met umtentat formbitones of thito mathle the memory of sr L. Lide, patron, end " Jraue Is do, halate anct virg reliot tyous,

## Obitunry.







## Miscellaneous.


 coo."

## Garden operations. <br> \section*{(For the ensung keek)}

plast houses
Errcars, and especilu.y the more dol.cate and tender variotiea, afor baying experienced es somuabat dry

 ing theren. Where Heaths are proparly attondided $t$ this is the greatest pest the cultivztor has to coatear
 tomis that ocour, and to stop ity ravares froners ut Scuphur are a perfert aud sure remefy at all tinesy
 giveiy for a few days, will elfectualy deastroy in. Stova
 they basp not a sulficienoos of pot room such sitye pot should be pelected ad it will be poosible for the plint to fill will wit rotat bearat the fipering vamon commenoen, othorrwise no great sycoese in mbooming pond of view can be anticipsted, adsese yemarke rivilar
 have apectally alluded to will not bear largo shilts, the amsiler the pots they are grown in the better wild the flowers bo as a general rule. Some from amongst the earlier batch of Camellats, such as have already set therr bloom buds, may now be removed to s shelitered place out-of doors, where they should be partly shaded from the more direct rays of the m.d.day sun. Give Palargonsume of the scarlet or zonal bedtion, intended into pots a little larger than those which they now ocoupy. Do not pinch thom back sfter this date, as it 18 now becoming fuli late to make good strong break or not need potting will be much benefited by the occethe weathar be agenin cold and ungenial it will be necossery to reduce the amount of artifloial heat sad moistore in the growths which are formed under so cloudy a sky cannet, if allawed to extend too ramparitly, be so pood an they aro when a farr mmount of bright sumay (FOReng Houses.
In Finorie generilly Grapen will now be miking their fina swelling pronminary to tas rpening, propest and a nice brink Farmin must theul. Keep all interal surffces as fresh, or sworb aud clean as posstble, and permat nothing to As likely to. Mipete tise treest poss, bie cirualation of tive nir Mass ecverded, or stas unraked surface-floors, elmt, to say the resst, noxious ethuva, which are Fery which should at alit times prepal. Tus is not to bo woadered at when it as considered that for the want of wondered at wlen it is considcred that for the want of troddon down, is meapable of exercising the deodorining powirs. I am not an advocate for excassive waterings, but would rather adviso that they should be so effective as to reach the utmost limit of the roots. The opportunity should be taken at such tumes, to afiord a fair guatity of some harmase sting this adid to the roots is that followed by mang of our most successinl growers. First stir the surface of the border over, aterwards surface the latter well over with a layer of kood yellow loam Thus it will be sean that the coll above and below wil. modity all rankaess which itself the more unwholesome parts, and turning them to account at a later period. The water poured mitriment out of this layer down to the roots, end thus mitarial ald will be afforded whithout a resort to
 pyooraly to lita Vines. let the beok wails and ouphor Whshing with sulphur and frethly slated hme; and intended to hank late are so thick as to be hikely
to mpede a tolerably free circulatoon of arr when mid-winter and sts damping and other matirous olfuences arnve
Look koenly after those Pine ptants whach are intorded for carly winter fruting, alreads wo may verietices bs Black Jatcalicas and Jontserrats They requure at sueh a juncture, as I have so fre quently augesested, \& hboral trestment both in regard to bottom-hest, manure-water, and humidity. Where and have not bean so well rupened is they orght to b (snd I fer thas will be the caso in some instancess this encod), it miy be that they will mot we have experivery freely. Under these ofrcumstances it will be well to withhold root mosture, is preference to giving a too plentiful sopply. This will tead to dovelop more incerilife to frut product.on Shift now toto then frumitrs-juts a tia as are intended to show about next

the diay, by meana of artificial beat alone, should rest

 Nectarnas are
be necessyy to look over them carelally evary day,
that they toay be pathered immodrately they hape
 become sultose the reta, or upan straw, or other symular appliances place the palate, and sometwhat insipid. Keep less plassant to the palate, and indow, and thas particularly What any arg

HARDY FLOWER GARDEA
Already the flower gardens look more chaerful, ad the plauts, after an unusually cold and harsh and the piauts, are in a very farr way of covering the beds None lave done beller during the past tricloment wenthot than Mrs. Pollock, Whech proves to most useful bedder extant. Cont. jerbenas have
 erent,y have they trown was beod soaks.ng of water; the soil should be afterwards loosened with the hoe When suffioiently dry to mork without sticking, end then pegrang down should be done as required. Captinus to nosease Pestetemons, Pansles, \&c., as tequured; any young shoots whith emanata from sround the Plunge in ango noderntely sheltored position should a dry pernod onsue, carefuliy grardug tiom aganst any forma of dirp, or too ful exposure to the direct rays of the mid day suns. Gather the seeds of chorte Cutaway all flower-stalks of any Herbaceoss planes which have done flowering, such as Delphisivms of the perennia sections, do. Should the weather continue dry give copious waterings, as previously advised, to Phores of the dicussata breed, and to Tratomas, as nett
flower or flourth effectually without abundsuce of root mosture
bardy freit gatides.
Remove all lateral growths which form upon Peack hoots which haye already been la d in. In unstances shoots when haye aready been will be conducive to a where very gross shoots exist, it wid be then larger leaves which form ary the base are in two across the middejustabout tho tume at which theyare filly grown and bave beoome tolerably woll matured. Lay in al the young shoots which formi upon any old plants of Cherries or Plums ; a pood arog is not attanable without thair tid. Remove all Stravobrry-runsery es freto form plante, otherwies they will greatly impoverish tho mals orowna, Whero the sade shoots upon (hrmats re and whate) ave not get been remoped
 upon walis, or espuacers also.

## httceex garden.

Make nosinge now of a yood stock of Singater's or Daniel O' Rourke Peax, such 蚂Carter's Firat Crop or for late uses. Plant out upon very rich kround and in well-prepared drill row the necossary quantity of Leeks. These may be planted some 8 Inches apart by 10 in the rowt. Maka a main sowing of Turnips, and, as previously intimated, get out all the Celery possible wintor Collards. the Celery provioussy planted, if dry weather continues. Kpep n sharp look-out for weeds, both on walks and on the cropped ground, $W, E$.

## town gardening.

(CT TTINGS of Pompon Chrysanthemuthe that were pat in as directed lest month will now bo well rooted, nad should be at once pinched beck, 10 order to make thom nice bushy plants. Where it 18 , intended to srow specumen blooms of the larger tiowering kinds, all lateral shoots should bo removed as fust as they appear, and the planta ghould be well watered at the roots overy overings and the tops should be syringed at the same
 will do well.
The Intermodiale Stock does vary, well in towns it the zoth of this month, in the following manser
Take out the mould about in inohes deep, put 10 an inoh of asbes to reap the worms down, then fllit in lore, with fresh mould from tho conntry, givpag it a gatiog a littlo firie nofid over it, pat it down sofly, and cover mith a kass t.Il the prantis appear, when double white Pyyethrum will likemise do well tinder the same treatroent, if sown now. Pelargosiums that arve done lowerng in the windows ghould now have ho old flowerng wood cut dom to the next new to ant are making, and should be placed out so as chare an the pur posible. The Balsam makes a corming into blown plant, gnd those plants that are now they have not beom sharply forced, and will last a long triog if well supplied whth water, Reyerting to the propagation of the Carration in last week sarlic.e, I
 recommend as a gereral rue, for they zeldom Hower the








## Notices to Correspordents.
















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monthe to elapse before the disease has reappeared, although iu exceptranal mstances. Uuclanso 6.3 , rolating to the carriage of anmels by ratiways,
 Talway company shat make poras ons for the supt ly of water and food th an mals carrac 1 Ly
 the requist in wating of the consesignime of aty utimats ut math stat ylla 89 the l'tety Councal may arest, Thas allution to $t$ is clatise will meet tho Wishers it deyscuiltatriste,


 the traisit of eattlo un siambeats. ] eearits, legishation on theve mattere $1 s$ eollatewhat dift.



 waterud during the lerst 13 hoars of tho voyage, suffer considerable menventened, whech is apoided when they are kept fasting for a longer tume. Agam, it is roll known that somb annaals wirney Dractical oxperienso at therefore absalutals fecessary for tha hrow arrangoment of dotulls, anl tho Faola ytuostion mist $l_{\text {+ }} 1$ ff iplete the ala It




In bieft, as the Ibal how stinds, the itas sern cathat trade will be regiated by "Ordis of
 Britain firee, al whar thatens of rimurted stock Wha bo aduded trathall a dohwed pait rat as port, and theste sold and sliughtered
Referrans whomo-lroll and other stock in this ountiry, the linll makos it panal (clanse ob $)$
to expose "for salu in an market or far or other to expose" lor salu in a market or farr or other
pubio phace, or
ealo yard, whothor pulhic or private," or to eend or cause "to bo carried on a railvary or on a canal, fiver, or other inland navigetron, or is a acasting vessel, ${ }^{13}$ or to drive

 reforal , ther, tif a, of tupustal teh at in

 applas to the ant rer or "person" who commats the utivee, ualuss he ah itt shum that he dide not
 dineasud at tho thme it was exilusod for alco or movel Ly ruat or rivet In tire cano of shit
 market call noth reanodablo dillnetive find out
 not; i.ht leaw ationls this miattor in refrwice to

 to the or two warkets betory tho symptoms if of an offenpe agamate the sict tu such it case: Agarn, the more frequent disersi, "foot and mouth complaint, 18 placod in the list of infoc that disense in a market or to move them alon the roud on traer. Huknlreds of imported

but int tat shys in thet


 Wery pasacd by tht port inspector of of the
provions Saturdav. The provions Saturday. 'This rart of tho measire mppears to requare correcturi, and we confoss, of the country, we should prefer that infectionaly diseared amimals which may be detectod in a market, or on the rowi, be rathor than that tha nearest "convenrent place, deemend guaty of ith if ins igat ut thiu Ars


aathority had power to order "the blatghter of as thas meat in tho ear.y stage of both dtanase Wo ald we solit for form, 45 it alwiygs 36 , und the Jatar of propagatang taz ${ }^{3}$ deenso bo at once afectually averted.
II 14 very strange how soon aceurate reramitibrate of the weather fades atway from the inw

 than the axciamation " Wo newor han suck
we ther as last wivk" or "last ilunth, "to the







 through; bat they need only go baok a Bragle twelvemonth to call to mand otio of tion mox femarkable contrasta evell presented by out olimate, Fariable as it is.

Lest yeer we had a wierin, bribht, and dry
 warmith ar:l drow, chat ank, divosu all, for the tartiens of the sky. It Wus thrs last festrore
 Leal - which was finitialess opprewsive, and, conibuned rith extreaze divk oht it in re thari Lalf an ibtid of satit howng fallen throngeoat the month is many plates, was very tryme to semtatoo. This 个rat al tind wes preh utat by a May $\therefore$ overy why a fritrant th that of 180 s - cond. dripping, overonst, with biting wieds and freravent frusta. Lho mosith that fillowe it has it been remarks,ble for anything but cold ; the tornpe iture int the stat it has beter thbut, butere the aferage; the absence of $1=11$ latermanda bla it on the whole 8 dry 3 , ot th. and at I's cl cee leat mog all crops, excel it peanps the What, crying out for moistuic. but in heat it has
pradiaced a most remarkable contrast to the preceding seasors: mstead of the shade of the grove, Fe have resorted with pleasure to the firemdewhile colds and rhenmation have been as muoh
 extremely cold-frouts propaing am many loondi-


 With sisow of grost depith, on the south shtaly

Aow, it it be iske th, what has lecre the reason of this extrmordmary cold : tho proximate canase may bo indicated with certainty, and perhaps the cquke lying immeilistely behad thas: though Ohe remater catuses may remani in olscarity.
Observations with a eun thermometer, of sphryie inlluafices, raroly ehos a dilferenco aver the tempareture of the siucule of invire than it or $15^{\circ}$ everi in the hottest weather. Warmig. the past two montlis a much larger differenes might $20^{\circ}$ to $23^{\circ}$, and on one accasion nearly $30^{\circ} \mathrm{has}$
 moi mpin accurdauco with our ordinary oxpernence at this season, lut for some invermasteriug trubstation bodily of messes of cold ear from the arctio regions. The prevalence of worther!
mudsin inay and J ne, 1869 , compared with that

 in ir body of heated air fyang off towards th , has been a larger quantity forced from the achouthward. What that reprin depends on it is se mo unary jal distribution ; but probably upon parture from the usual courso it thogo naturn
wiry has a tendencr to tren study 20 meteoro
 excess calla into action a (mpens,ting for





a pood handthy plant, and growe fast, and the same prospects of the prescat senson aro a striking coutrast to those of the last, as far as tho stock-kenter is con . Harvest will probably commence in tiks dratrict in about a month Cookhan Dean, Maldenhead, Jhlys Blandiford are lookitiz ragged, reak, and thin, and must be wader an aterake crop, thes hare nevor Fecosered the cold wel montu of Mag a good fied of this locality, even on the best cultirated npots. Farms bulore make of the harsest from 12 to ti dasy later than tret jear Mrich se yet cannot be sar



Esse The follow 1 b $1 \times$ ny $y$ estiruate of the comang crops-h heat, barely nverage, Sats, ander ayerage, sbove averase, Tares, sbove avernge, Mangel, good,
but rather lito. hay, abova average; Clover, plants but rather lato hay above nveraje ; Clover, plants
lost. Colhmon H all, Princes Gate, Romford, July 9 . GLotc EBTkHsTIRE In Consenuence of the Fery fine weather we bave had lately for the blossoming of
the Wheat, I am melned to thank we shall get an the Wheat, I am inchned to think we shall get an
average crop, Bota liarley and Cats are greatily jumaverage crop. l3oth larley and Cats are greatiy jum-
proved, and promise an average. Seana must be 30 per cont. undre an averape. The quant ty and quanty of bay secured from the pasture lapds were neper beter, nid tlo prospect of a gond erop of roots is at present
very ecconragiag, and Polatos aro dyging up a good very elconraping, and Potatos aro dy ying up a good, Cricklade, July 19
Frickeronvshire The whote erop in this district must be mueh under an average, on the stiff and wat
sois there 18 scarcely half a crop, it being very than, and coming out in the ear very uneveuly The larioy I think will be about an arerape cropl Obts are lookthank will be very noil poolded. The has eropy is a gond one, eapecually on the dror laid. There 1s at present a very pond 9 .
Litncolisi - The corn crops in this part cannot bo st averuge. The beats vary muct, but will take The lead it muat have bean a fine sume for fiowering


What information I can from thearave in pending you The Grast has o tery abundant crop, and mostly well

 Grass peeping Mtoh Antmer, Juify
has come out into car, nad looks botter than the thast las come out into ear, nad looks better than it promised three weeks ako, but $1 t 15$ yot very uneven, and I fear
Wo will not have an average crop, the yjeld zust be much below last Jear's. Althemub list summer's drought was most betrefiral for the strong lands, the exceasive rain during the wirter, with a cold] wet Sprant, made spring seedng most dificult, Barley and end sour bools. Bueans sod Peas are reneraliy porbl, therefore the prospect for a bounhful harvest is far from general. The bay crop 1.5 sbundant, and a pood deal is well qayy Mrapul and Swedes aro a full plant, Chipping TYorton, July 6.
Sifropsinibe.-Wheat short in the atrass and l.ght, just ont an ear, frum three to four weess later thaz last vory bad indeed, first sown just coming out, but cornes out very Mapep, must be deffient. Oats promusing.
 Yotriono Carci Stretion, July 9 .
 fortaight, pad on goon well fmrmoved doilaring will probabl prove an aserage
masue matk the
that last in ght's sind tas done no ione for ine sraund this morsions
of autunu-honn Tafatera, the whole find and an ear eilucted. Jitist, I have not ubsersed
Barley must be a syht crop in this neiplibour iond one hears of its poverty on all Eides, snd shourd wo
wet time for harvesting, ever lazt yeary yied may about here, but report speaks ferourably or muck Beans and Peas promise welt, there 18 a wery larke moedty singled. Early sown Mangels and Swedes aro make them cover tie gronnd. The bay crop, s very Pasturen are foll of Grass and capitally socured healthy. One hears of that horgit pleuro-pueumamia belsg amon the Derbyohire dsuries. G. A. May, Ejord Park, Suly 8.
STF Fols - The
present timer I wouldilmat sham nemghbourbond at the

has very math mproved the last fortnimit, there is a yood quantity of btraw, and thank if tien weather is and Benna vory jusurant, an ummenso y andity of strak not forward enough to tel about the corn. Oate, bone trown Clover a fallure of quite half the number of anres, but hesvy crop on the wher secured. Mangel. spand d prospect of a good crop Tura.pa, a prospeat of an aboudant crop. Potatos very good, but not sn avefere $y$ teld It is sard the disease has made its
appearan"o amongst us. Samuel G. Stearn, Brandetor, July
 Wheonit of the nrops in turs part of "por surrey altored for the brtter, cannot by any posstbuty be an arerate, and I should putt it at gix buthibls per acre less than ast year. A very bsid festure of the ear Large tracts wh.th it a tew males of th +5 will not eo more than

 bad, and whll me be half a orup. Onts at present promuso to be a full croy swedes Mangelg anorally look weil. Potatos also book very promising, but reports of the blight are rifo, ns usual, about this soasol, but bas yet but very varously kaved, with a yreat many "uncomportable slacks." James Arrot, Carshathon, July

Harwichsilre - It is much to be feared thet the effert produred on the crops by turs sunleas season wian that br gat and dry weather ore required to produoe a good crop of Wheat iresent appearances of that
uran are wery ungatisactory, on hight nod thin soils uran are very unaituractory, ni hight and thri somls
when muek 19 growng after liarley) it 15 short and thm, and on the weak clay ands at as a very smai, crop,
being knee broken end gerawled. On deap well culbeing knee broken sad zcrawled. On deep well culeven foo crop is not altogether satisfactory, having been ciriven about a kood deal by if o vooent wind, and thu
 earis are muth кпinl er than usual Early sown Inarley on land surted to $2 t$, is long and level, and promines to be a full erop, bat there are large hreadis to whoh an opposite description woud better apply, Beans, parpods are tonuly Ret, and I doubt whether tho ytold of corn will bo in accordance with present aypeanineca of the hauim. Peas are most mromising, a huge crop of there if no appenranee of blikht. The early Turnipa and 5 wedes are unnsually good. Mangels are a pood plant, and since the wind has changed is course from grown rapudy in come rop of day ias hean secured in
 The lay erops un tan te alhbourifond are decrsed y quabity average, and hare been gathered in of yond quality We hare ant bud real summer weather here patience has bean exercised, Wo may expect to lear of hested heystacks. There are no gond crops of Claver Whas year, owing to the excessive drought of 1hiss. The Wheat is now generally in full bloom, but I do not hink there as a clance of tis being t full averapo erog, being very short on rasing of the light solls, and on then muels improve it. Corn harrest must bo nuite a lortachit late, d not more, shd manuot be ready much before the midd.e of August The crops of liarleg fary much, and cannot be sn avernge crop. Winter lieans not well covered. Sprmer Beans full of prome strow, but got ran soon. Mangel, which so much grown here, looking well, but want.DR rain. I'eas most Iuxuriant, and rery full of blossom. Tremendous crops of all kinds Plums, and rood of Years, Apples nint 50 aburndant not Eo murt prown, but those I have eeen are splendıd John Baldran, Luddington, Straford-on-Avon. I have secu several reports in the papers ress: echog the present appearance of the crops, but I have met with you a few l, pes on this subpect, The warm dry
weathar whig we have lately had has bean very beneWenthar whigh we have latoly had has been very bene-
ficial to the Wheat orop, but at the same time the cold
froaty tipe have her troaty tights have beerg rary prapudicual to the blossom,
and the crnsequence is that the crop 19 tot at all promining I hare no healtatiou in smying that tha yrel

 Beads are a capital crop hare, atd the of the year Beans are a capital crop hare, atd the spring sowing
 corn upon them. Peas skan are very ysrincarce.y a fields a Fery fine orop, others being so bad that the Turnips are good, as also are that Mang The eariy sown many fields are very peteby, and not yo promesing so oue conld hish, I havo only given you a fem hasty make a further report. I mnother wow merely add that he crop of hay has been exceedingly hoery, gusntity uf Wheat remanint in in the hands
of the farmers is very smaln, sind
stanges I feol connnced that the
and will considerably adyance
somesshat diTerently from that
Meoki, but I and not such
is a good fellow, but bis
here. At any rate they are no
woula find to fins cost tha

## tho acre would not do. Joh bushe

## Wilts. Wh

on the eround, a full crop is an exception arop ar pe
 others too metussom qu, nene sita $k$ was
that unless wu lave treatlios
the gran wall be dectudy
pmina lias bern we shrins of two chamethom the last trech it is muali, improsed, should thes frow thas tume bo of s foremp, charncter, tha the
 check from frost
appear to bo a fia lure for waid of pods . Foler mod
 so heavy, pasture rery good. The bas crop man witil for a good root erop of al kiads, Gee 3 Avebury, Calme, July?
Larvest whll ba about 28 days thiter thatgontion irom present appuearamees I atro of opmonton gat not liave an averaye orop of What or Darier he much and deperds on the weather for the wat on Weekg, wh.oh, if stiltabie, mas set matters and


 and badly blaphted, and canuat nake hall s wey have more Gras mind keep on the grouad than
hare had for several years $P$.s I commenoed abmy



 the ears ard theven, the crop is sta, ky, dn] atk malhe and in some cesses tho zulout is too jellor. do donx




 extout thas senson, the lieny claza of sols prome

 back fras let at "As per acre Phus restit has doibe
 at some futitre pertod your malnes shil bars
desernption of tho work of reclaiming and imporat 1000 acres of Eras don Forest, and a detaled save
of the cost of the undertakag. Rectiridg to oup comp Barley is not 50 oven or promsinas 3 as abtould be :
 are Jikewise most varable reporting upon poneraily, this cerea inust maker jot
 sown ran away too fast to form pods Spras be
 and shos fa.ry for podulus,
ink in bome localities, should



 in afl directions, a great broadth mis noundant feed. l'rubstly there perer was
present

$\qquad$ Bathtamed then tigurg, fery fur lathos be to
 bess in tha cheese trade, and firmone

neighbourhood at the prescat tume mithont beral 8pard of the spart of enterprse sid
landowners and tenantry, it is very much th to denounce both eassegs for the shaerw qual.ties, but no observant pr
negleot. I mprovert resi, lencte
mrond, well cultirated timh
Maxi 17, 1800.]

## THE GARDENERS' CHRONICLE AND AGBICULTURAL G.JZITTTE

exely uiuch to bo defired. That exceptions to ands exish no one will deny, but the rule y goes [ar to prove that agrienilture, ana al] innta is stasdily and assuredly adranciag all interested in the cultusation of land to of Apreculture. Our supessa and adyanceuly depends on the enerky and unity of these Owars and cccupiery means can questions otrak obr cause and protecting our interesis
oded, whetlicr in convetion with the Leg slaatded whetlicr in connetotion with the Leg shAndlar 10 .
F 1 ULGES OF AGBICULTURAL LEASES. folloning paper on this subject was read last lawispire Chamber of I Igriculture arner, of Botley
teriuro has theen the subject of dis-
of the farmersi clutis in the kingdom,
firing of lease can be framod whok Fill

fakri yalmitted that groater beourity for
t-right, with compeusition for unaxhausted
woll to meet tive requatementa of the
woll to meat tife requirements of the
ber gramtod for genemations, and that
15 ind terants nre well satisfiod to go on

 arta. es rrity, an I nut to be relivd on, A clange purari, ir niuer ciresuatances may in a tioment mistenur thay recaive a six montha notice mithout

$a_{1}$, some ertates whare no lensed sro Fortaps, not the mame howourable foothag ti.0 former ease), whore the kad istet asequence if that this is a bar to any of the boil. The ooclupler, having no
 r. 1 Itle capital, and What he does spend on has posit onk I Fill nuok a parigranh weve un th
tle

##   <br>  

I moe thass jakkanses to show the greart loss moxit a lease. In some perts of the courtry tebantFinmill it two years notice to quits on oither endo. 5the lendlord; the pososimg temant or leadiord - the outgosig teasnt for an improwements and
 is uy tumo to ho turned out of his fermatitatio whis row ce Ie caunot lay out $b_{1} \$$ capital with Eiest conhteence, neither can he would with the Flunty of tenure which a long lease would grye hum. apas mat beck in part what ho has laid out; but the mat are cocined juprovemente, and also sa to the top of ut exmustod manurea; and it gonerally onds
 An he thtuhz Lo qugut to do In fact, tenarit-right
ID 2hiy a peractuco to either tho laridlord or the temant chant ran have rea. and good becursty for the masoat-
 THib 2 2 Years lonse peed not be afraid of laying out tapita, as ing will have ample time to recaive it in or retarn to hus wi,lite proft. The lato Lord
sifyeter, one of the greatest fremis to egrieulturo



 sore wiproved in sa.ue. I believe, also, that, by grant 1 wong lexses, landlords nould docrease uhoir rentals, aromikit hould object to give a greater rent for hif thatate, wh loog lenses would also be a seat socenal
 Totile be looking round for agerusintnnees and
hose around him, he would be cnabled to hasist 10 an Iieasure lid also evaloy moro labour, and take s itrate interast in the wellare of bis work meresy a bird of passaye. Irong lesses woull alzo be creat nationsl adrantage, as by having a security of in the laud, thergly providiog a a preater amonnt o cood in corat, beef, aud metton for the poople of thin leasess I do not presumue to may what the won the barga, thof buying alid be.asp, or lothan and takng, the parttes momediately morested are bes able to udge for themse.ses, only I would supgest the
It should be ns fres of restrictions as possible, botid an oropprig aud sell ag the prociuce, except.ag tho ans four years of tive temancy, when there should bo tho aliould be drawn up on oommeroul prancipios as rouch as poasible, as a tenant 18 supposed to kive the full value of the land; and thare ought not to be any of those vexrtrous and unfair corenanta whrch aro nomehmas insorted, oftar 10 tho injury of tho zenant, and
w, han no rea. benefit to the laudlord, Ona thing I
 frutin retinn the cotteges on the dilferant firms in thsir own hands. Now this, though will meants in a matation kindness to the labourer, and oporates unfarly on then

It prevents an emplojer getung rid of $a$ bad coltoges, he cannot tet rid of him to make room for arother A tenant must be as mudh matarestod in tho wasare of has labourer is is andima cal her, and 10 ho unfar radrentage, aud if ho ligs a bad one, he ouplat to be at haberty to get rid of hom is soon as he likes, and thes ho can only do by laying coutrol of the cottake 10 macla tha lebourer lives
Thare is another subject in ormpootion with leases Whacis 1 cannot pars over- that $1 s_{4}$ the question of garte I kuow it 19 a very del.cato sabject to toung upor antid have hoard that thero are moro dusputes ou polatics sad on pame than on any other subjeot you can asme. I mom hal melined to think that too muoth game on farm ta also not desirable. It wouth bo a keberal sivantare $2 f$, in all leases, the right of shooting was that case a land or 1 wo 'l mot be deharead frome is

## 


alowed the chati of cessuroyaty, Shat is caneu the
 capital whuch he is farly entifled to. It in not necese sary for ma to state the inmmerise ammunt of danage dono where gnme prestrving 18 garried to an uraso shle excess That is contmualy balore the puthie, bisd he sees guliticient eyzdente of it 317 only object 19 to point ant the adratage if would bo tw tho vountry, and to egriculture in partang, an a check invertment of ospital, could be removed. I now Froceed to quote an oxtrat from remerks by the Rev. J Fraser on the efieets of the over-preservaomployment of women sud childron in agriculeare. E- Rays:-
"Tho extent to when tho syatom of gamd pregerving




## 






I only wish thet all landowners had tha same experience, nud that they formed the same conellasions. Why is it, that, whyle sgricaleure has, withti the last years, only improved shout 25 or 30 per cent. the ranuffoturing and meroantile juterest has improved more scope for tor suergles and in the omployment of its capital, and ty not lied up by thote atringent and In arious restrictions which apply to tha oualivation of in foudal trmes, are nok necessary for the times in ohe in foudal times for the altercd circumstancos of the He ave, atd for the alterca circumstancos of the two blades of Gran grow There only one mev before two blacs or his where onf one gew bero spplicable then, how much more 10 now. Tha popule spplicable of this country has loabled, the land has not increared, bat, rather, from the increasa of ritw wha

of What yearly 13 rather orer 90 mallions of lesst three-a) thths of ihat suppy In (act in for at ending Aurust, 1888, the consumption, ingladise geat
 well is iu thus country, or if, unfortunately, ab war were n break out, so as to interfero w.th the importanon of corn, we should have breal at rathite price. How necsisary it ias then, for the general welfure of the rin Mi= 1 arreer culvat.on of the land should be
 udices to reniove. Many landlorus do a d like piring with their property for so long a time, and chlers at not like kiving up kame-greserving, others are arand they may get bad loanots, abd the fand rmure.l. All thee things are to be oonsidered, Ithank some of hioso objeetions mipht lo removid if landlorls would moro gonerally be induced to view the question in the iught of poundy, shallings, and pease. I think thay Fould find by grantug loag leases with itberal corenante they would not only get an incramod rental, but that tho land wobld be better culluFated anu improvel in ralue, snu also, if at aus tumo
 known that the velue of property if ubually computed from its rental Mang of the fitheultios 13 onid also bo got over if uhland ris were to emphas on y wrac satt with luad, and who lied, perkepa, been furmera themmelves; end who, while sotiog for thes sumplajer, Ithan thet bonald draw out an agreement by nutch the landord wodal be July protecteyl, and one which woul be fair towarde to leriant. Wina a, due deference to the lexal proffession, I would never resornmend the ramiug of a lease iz a iswyersoffee They may undersand tho legality, bat do not undersland the practical working, of a lease, and it is only by practical men that a deaso can be framed so as to give reneral salufaclion As I liave satid before, 1 do uol pretend to 20 tufo the minute detalis of what the covenants of a loase shofuld be so as to apply in all crses, as tue customs
 stance, in sime crunthes a at. bselnas entry 14 moracten, in oitsers a Laty lay entry, Tucer afo also replars, Wiach are best seft to competent jart cs


 hands for disountion, frughng you will oxouse way feel, both landlords and tamanto-that in divoreing tats qtrestion it should be done in $n$ conaidernte mpiris㺼 it is ono 10 thich the whola gation it interesten. If te ong witeh commeris tha food of the poople of thit country, and if wa can by argumetti and convichion
 oilhorsy hy wh ith the rantal of the Isnd catu be infproved, the crearaty of the hanayt on axespeci, and the general good, and a at heve 日pent our hme in vin.

Biscubatox.
$\mathrm{Y}_{\mathrm{k}}$, Sroospa beltated the country itecl, tho lundliond, and
 mers particular, in the first tustapec, In incirifing futo tho








 bocnise be besercd ft

 certan mestrictions lipen in


 whome ho
1h．II
Rurland


THE HOTHAM日TシD PIELD EXPERIMENTS heyoranda of tiria plan akid habletg．



HEUADHATK PIHLD







## ards． 



## 





## IV Exthrimenta on thr Gnowta of leotyinous Cbofs．

 Experiments with Peas Fere foon abnintonc froms weods，and an altarnation of teane latil fry Wit kubptitutesd，the Basph boing tmanured mulo den in the

 cropes of The the it eleration with the highly Dition genous Bonnt，as in 16 crops of theat grown
 oight ofops alterated with bare fallow．
Fiporimenk witi Thres were also boon abanuond
 fanployed，bub of lats this the dearaription of the mankiret abmadoned．
（II）Red Cloeer 1 Trifolmat praffmen－Fsper mient on the growth of Cloter，with dilemat deaneript nas gecasional intarposition of a morn erepp or fallotr hevo been contfonal up to the arecint tian iswit lican， the rosith trat th to the preant time is wibl lepal，



## bem ：typ if（1materat．

$\qquad$
 Ofitg davolad to tho parpone．
 ster venra，tie erat foll of viry motho ind thel hind bestreseryf 1

Iサ 14！Bmas were mpan mona，but with wome Tre at on in tuen an ir，re
$\begin{array}{ll}\text { In } & \text { \＆un the lanl mas filloward } \\ \text { In }\end{array}$

The general resalt of the experimanls me themens hes wem that［0）merni monditumbs arded as maneme（mom I．irt 1icilarls potang and，to sarno extent，hotphorio achd gim）inermased the erop rery muet during the carly yefra，and，to a certan extont，aftermerds，when－
 Ealk，on the olber hand produced very attlo eftect
 three，or more timos mach miteresth as a pramina resus onegmms under nurallel circurantances．Nitisto of


mimeral manners，nor a complor maxture，has availod tand．
It ss，$^{2}$ however，worthy of remarle that in 1861 Red Clover was sown un a kitahen garden only a fem hundsed yards distant frous the expermerit iela，on gon whish has been undor orisimary pardon cultivation for 1 robubly two or throe centurier，and it aus avery yar gowing three times duripg the parion（in 1800， 1805 ， and 1598），there in the prosert tume hathe or mo andiontion of falure
Last）r，in the winter of 1867－8，smakl portions of the
oxperimental land wort dug，some to the depth of Inches，some to the depth of 18，some to the depth of 67，sad some to the depth of sfis inches，and gowa to the respective depths with diflorant mandrial mixturee From obiaer amilarly－aized plota the son wha remaro o the deptins of 9,18 ，and 27 jnotes respeden border replacod by bols fromitro same hasen bean suooessfulls
 grown since $185 \%_{1}^{\text {as }}$ abuve referren or these，and some wom in April，18ds，over the whole of these，and some ther pertions not 80 treate，way he plad Cloper hal most part died of during the winter，snd Clover hat bean agato cown（April，1809）．

AGDNJ FILELD．
（or Fabilow），$a \vee D$ ham：at






Plot 1.
Wamanured ocontiourtily．







| 201 ctrt． <br> अ＇thesi－ <br> nit cundm <br> $3 a_{\text {a }}^{5}$ buta． | $\begin{array}{ll} l \end{array}$ | $\begin{aligned} & 309 \mathrm{cwth} \\ & 3 Y^{3 t} \mathrm{jlb} \\ & 404 \mathrm{lb} \\ & 5010 \mathrm{lb} . \end{aligned}$ |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{gathered} 43 \text { ant. } \\ 1614 \\ 48 \\ 4.68: \end{gathered}$ |  |  |  |  |
| $\cdots, 11+.8{ }^{-}$ |  |  |  |  |  |
| － | ＋ | ． 6.1 cit | s： | 4 |  |
| 3015 latuili， | － 1 |  |  |  |  |
| 2 29 buth． | $1317{ }^{1}$ | 21 | Q a buxil | 7.8 | －－13 |
| 20\％buth． | topll lb | S200 th | 瑱 brach | 3：41 16 | 604 1t， |


 sulpanto of amenctia，


Deacripmion oy Cumt．



## 

Whand Flas in Ireland－In tho Gardeners＇ （1）Eigh，thare 18 a most important lotter
 tho Eubject as of＂national importance pa Teprodtcitive omployment，＂with this I neme bontrongly did 1 feol tha importance Ing the New Zealnad Flax na a sourco of graat mamended it in the Irist Farmers＇fatette In tho mommer of 1863 tho great walue of
 an，ifter that Dorresponderice，I wrote a Bhort of the inth Parmery＇Gazerte，with somin biteg of invereat to quoto a paragraph of that an thi Nida Farmert Gazetto of Sept 19 Pation the years old will yield from 30 to of dean filmo ；an ucre，with plents at 3 foot hrold yeld hrom 18 to 20 owt．－ 20 far zrestor hat ever lunwin trom Hemp or Flaz．The momagre in tho somith fral enation of Ireland
 an and rame that maki for ofro crops pres． andy fause a better derelopment of the mencos，S．oce that time I layo had much
 Fland Net Cmglan 1，ant who assures tht plands prow，b：at this place present the Tharance wed wrea prowing in theme gint ve ampland expert seny it whit tho tho nut，ro Aer －bplit the leaverand anrape of the regetahle
outsdes intact，and quy raly con－
The enentlemint whoul 1 speak of
Can eny corregponderithelrin felw yeara ngo a drawbact
of Now Zealand

 proces of manufucture there is no

Producer ret Acke．
a groat encouragement to inved in is cultare．I have
 simprier，and slud them to bo sabout 6 teet long，shat
it miebeg broad，and of fine substanee．I note that II mebes broad，and of line substance．Io note hat suckers puturly 4 foot tong．Some yeath ugo I had three plents put firm in loge larce stones，restiag on plants put firm in botweer large stones，restigh a excarated grosnd，by the side of an overion to grow small pord，When tho phats commenced to krom tho roots extended 12 to the water by the foot ions
ard $3 t$ is interesting to oberge low this grongoles
 increase with incroase of that these plints grom in the water，when eut down，do not hreak so freay ans others planted iti earth．I Fill greatly res nee to see the Phorman tenax cultirated th Irelard for connceerciad purposea it चill，hotrever，he a mistake to say that it will qrow rapidly jo unprepared land．Skiti aud patienoe will be required to pet good trowris egtablished，and when once entablisfied，it will prove the essiest matinged，anil the most raluablo of groen crops，Thero wre gyeos－ mens growink hare is water，on Peat within hio pood ratden abll If Mr．J．D ITill cares to bave spect ments of any or all of these，and will boll me hot to foreratd them，I wil bo glad to esod them for trial，

Aggregatlou of Fropertfen in Suglend－In your cadint artiole of the sil July $3 t$ 发 statod at a certaín fuot that the sumber of isndowners in Eugland facon－ ta aually dfatithting．It 审otld be interedting to knom Whather this foot cat be proved． $5 \%$ Dwn experience Is limited，but it pointo an a totally d．Tr went itrer lo in Around me，land Eocieties ame purchisung wholegale ant selling retail；one landawner disarpears，and in thil
 cot any ole atterng phrclasto the 20 pims or nelders lex mould handy
 sinceed after 1th yeats It is just hise putting an mimp
 in kprite ioto a powder，whet mixes wath sath and whech yod enh never trmi nto aclą lump agan，
 vienalty of tombs，when Londne is ont of them，is vielalty of tomas，then Lomdn is ond of them， 13 a
anden ground must fertainly bo classed as a land－ ofnce I ropeat then，whare is the prool that the number of landownors is diministing？Tho leadidg article under disenssion is，I think，opon to criticista on many proints，but I confine myself to the shore． G． $\mathcal{S}$ ．

## Foreifn Correspomderce

$\mathrm{P}_{4 \mathrm{BI}}$ ETpervients in the direct Appluatiom and
 1987 and 1808 a maries of jmportant oxperimenta have been mailo under the direction of BIM，Milue and 5 arend Claye gnginears of Ponts ef Ohauséns，and the
 Tnces arpermenta inatude the ditectit applanation of
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## ther purification，hre kiver es honso <br> A cubse methe or tou of sewage is found to borncu，$n$－

## Niturogels <br> \section*{Putash}

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## Weods Eradicated from Lawn.

INSECTS, RI,IGHTS, and MILDEWB (in intula platill
 A FOMLER*S OARDRNERS JNSECTICLDEE- 800 tho
HEA M MJESTIS FARDENIR \&AYS
THE FOLLOWING ARE MUST IMPORTANT



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H1 BROOR ANU CO. Solo Mabulacturens of tho Si. GHELTENAMM GARDEN RNGINR, Whet Weigh only









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COTT 431 in ICRRDT.ES Tre ruphe is the hesf goamer








# ROYAL HORTICULTURAL SOCIETY，LONDON． <br> ROYAL ZOOLOGICAL SOCIETY，LONDON． ROYAL BOTANIC SOCIETY，LONDON． ROYAL BOTANIC GARDENS，DUBLIN． ROYAL BOTANIC GARDENS LIVERPOOL． ROYAL BOTANIC GARDENS，CAMBRILGE． ROYAL WINTER GARDEN，DUBLIN． ROYAL DEPARTNENT OF SCIENCE AND ART，LONDON． 



## HEATING APPARATUSES at the above，where our＂ONE BOILER SYSTE㫫

HAS FOA YEARG REEN SUBSECTED TO TEE MOST CRITICAL TRSTS WITH EVERY SATIBFACTORY RESULT． IT IS MATOHLRES FOR EPFICIENCY，ANO IS WORAING TIH LALGEST APPARATUS ON RECORD．
These aro no theoretioul statommanta but positivo facts，and it is not too much ta acis，that ma boiler ean boast a paralled

For Lami nf Detale，see＂JLLUSTRATED nook of DFSIGNS＂（l2th Edition），whel can be obturned by aillressivg a note to
JOHN WEEKS and COMPANY，HORTICULTURAL ENGINEERS，\＆c．，KING＇S ROAD，CHELSEA，\＆IV


## NEW Patent bB Lawn mowing machine for 186

 PRTCES REDUCED AND THE MAOETNE PERFECTED．


Tho BB MUWELR wis solceted at hi Paris Exhabution，+ proference to all olhem by tho celebrated lingiwer，Mons．Hent Scincidur，of Greubot，and Presaleat of the French LegisIativo Abembly，whotliwa witan to 运r，J．D．Bzown－

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＂E．Scilsh Itr：
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J．B．BROWN AND CO．
MANLFACTORX AYD WAREHOUSES－240，NEW KRNT ROAD，LONDON，S．E．

# A Newnpaper of Rural Economy and General Newn. 

SATURDAY, JUTIF 24.
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## To Famers, Gardiparer, ard Otherg

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# ROYAL HORTTCULTURAL SOCIETY． 

GREAT FLOWER SHOW，MANCHESTER，JULY 19th to 24th， 1869.

AWARDS OF THE JVVGES

## SPECIAL PRIZES．



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## ROYAL HORTICUITURAL SOCIETY.






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hag bit good. Ixhobturs complaned o
 3an \#pecially of tha vintore, and they, too mem to baro had it tull their own way. Wast towds flocked to seo the woxderful display in the farmers show yard
hascess of Watis. ${ }^{3}$ and it se not for us to
nahit baro boen so mallitgeil as to have per-
1 sutud thoses mho wanted to soo the flowers to do
Emith teleratbo facilt By But no poor Horti-



whed that dust Mroush inches upon inches of dust,
Thees difficultices surermounted, the locality at
hength dzecovered, and errived at, the viaitor was haned it been treated to a proprouts course of




 el, The Councal, so for from sithor at home of ense, were well ic presented by a larive infusion



Huccose. Of the local authorities we eantiot speak so favourably The arrangements, which He Fo supposo, it was thesr duty to carry out, were indiferent or bad. If wo are doing the local powers an injustice, we shaL be happy to repar the error, but whoever was reaponsible
for tho cireumstanco, it is stil? a fact that the armanfmenta wre bad.
It will oviderity beer me a question is, the foro whether the great provincial flown flow worl hat bottor bo eoparated from ita agraenlt., ral hrother Tho latier wis on so tast a seale, ats attractaris are Tho lathor that
an mastold, that reople haver net time to wsit
both, and a fluwer shon, howe vor womb, and how ever excellent its arrangoments, looks smuil sud mean by contrust with its brgger brother. True the "brothren" of tho craft cars and do thoroughly appreciate their own exhbitan, but for financial purposee the asaidtance of the allpowerful public is wanted, and that seamed at ono timo hively to bo deficiont, though wa have ronenn to belave the generous and was latterly more freely rendered.

The Congress was a new and very succersful feature of tho meating It was press led over by the Duke of $31 \mathrm{cclef} \mathrm{CH}, \mathrm{Mr}$. Satninks, and Ma; or Clanke. The papers read were of goold sterling quality, some full of information, almost all ominontly anggestive. Ono fault thero was, which wo mention in tho hopo that it wall be corrected on another oocsagon the papers were, as e rule, too long To expect people to eit in a hot tont and listen to six or night or more long papera, is to axpect too much from good-natured, long suffering bumanty. Tho speakers or readers should prone thoir own papera, or if they Fill not or cannat do so, the committee of reforence should excise all generalitieg and platitudes, however eloquently expressed, from the papers, and confine thom to euch pointa as thero is a far chance of the lusteners being ablo to disecuss. No doubt this Congress will in future become one of the regular fontures of these mevetugs. fret us hope that, as one additional means bringing the brethrent together, a club room be set apart, where, wifter the labours of tho day,


 a 』 strange town.
We have drifted from the flowars to their lovers, from the bearth of the field to the "lords of creation, " moe have shown how the bymprthy of brotion foz brother yealus for fuller opportumites of mandfastug itself ; and so we may be excumed for a moment if wo stop from off our own grourd of hortu ulture, to adyert to a epectacle that too man could look on unmoved - the crowd n the strects
Wednemisy, the diny of the wisit of the l'zunce: and Princess of Wales to thurity, \#as obnerbel as a boluday not a shop, at a bink, or ware houso, or factory, wasopen, not even an ovonmg papor was mbleshed heneo tho crowd thest thronged the thorsughfares. After all, that wis the sight of Manchester. The most confirmed misanthropist muast have meltod at the sight of those dense my riads of huppy, fearless, resolute faces It was impossible to see them and not remernber how, a fow years sitice, under widely different curcamstances, and for totally opposito reasons, the Lancashure folk made us, as now, ejotce in our common humanty
Wo shall rorert to the exhibition and the lessons to bo dersyed fromit on another occasion, hera thr gerneral restitw are moro fult kinus that they are at the time at which we wate.
-Tyy well-knota entablinhoment of M. Aybrotar Yzischayfblt, of Ghent, has passed into the bands o M Lindikx, under whose muperintendenoe no doubs ato woll won repate will be Jelly maintained. The Style of the firm, whit rombin si before, "Asprores Vanscha Frgit." The "Illuatration Hortico!
be asezed by the zew proprietery as heretofore.

T'nder the name of the Syiby Flower and Paitit Gathreeh, Messis. Dich Radeifffis Co of Hugz Holborn, bave introdu"ed a hands azd threnious (orm of flower-scisears By means of a spring chimp a tacbed to rie ruttina blade, 20 sooper 18 the and retained firmoly ti purnosely relensed by the clamg
 With tho "Solby" ginseors, abd a llower baskel construoted aflet Mr Mills' pattern (eae p. 417, a Isd5 could cut and carry flowers for the decoration of het drawing-roond without d.sirranging a petal or so:hng it finger. The instrument if wated to be bblo to cut and retain bunches of frut to the meralit of 1 lb .
 Agrientural mon ely of Herault, the mann obstacle to
amount of fiscal dut, es payable on them. The cost of production can airery be mssened, butt the dut os and


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 * hectare is abont tran actes ard a lalfo mere-
 After thas tre wader is that the clieaper kinds of
 price at which they are sold.

- We sre glad to call attention to the fotomang ntter, and the sumouncement jt convess, but we can by no zneans endorse one correspondent's ursid to liave grand exhibition at Manohestor and a " Jittle go" a Kensington at the same tirue. Ohe'gas arths The atter refers to the sylendid plants of Frintenintim
 Sont: h hazinston on 'Te endits fast, and the lat er



that, despite the dmin upon the risous an and in
 the presenk week, thero wai 110 adequete reanal. Cor making au arbitrary wap on tho nataral cyole of these
 pin, all that remains to be donn is to thronkle otue ur
 in besuty until the id of August, the Fellows and publio



 tuth and Dendrochilum glumaceum. Whe former ts oy ful apecies. somethind in the way of but far umpericje to E fragrans, Thile the latter os incomparab.y the zonot gracoful of all Orchads. Tho Brahop's phama is rearly Yard in diameter, and bears upwarus of a hundred af as fary-like peudent quikes. and as each of thete carres from sil to (h) bossins, there call scarects tho


 idat ring $1 J J^{3}$


## New Plants <br>  <br> (Stechyobduni Incrutm) Canie ternif eaninlfortul: raperno  mula latiar  <br> Th <br> This in a Fery orftical plant, with copper-colourec  inas he compared with Dendrmbitm clavetum, Gibsoni, ir di fascatum. Dondroblum ularatum has great shentio  broad shurt ap hearisinatrausversecallus on isugzif Dent trobs <br>  benson's margrialo Our jilant sotio ol Cakmal have to thank 3[pgises. Fenteh for a rerf salasiactory prohmen. $\boldsymbol{H}$

## WHat soil is best sciten for the

 PROJC'CRLON OF G]AP'SE
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## Thu roment

A QuEsTNON continually asked by smateura and



 masuming that qualnty in this partimular requures mo nasidetation.
I gentut thet there is some dhfieulty to sacure soil in a Iree state as the diferont formations wery aften pat into e eqol other For instance, we have the oflearoou sandstone foil when the former predorainates ower the latter, sad again tbe slictovs limantone when the fioaly divided purtirles preponderate.
Howetor' dethy some cultivators mas astimate tho atorrety of profidiag certana descrept,ots of end for atperiene demonstrates that the d ffrent futhstrt temt
 ecogumy, Whether tha ant on is rbemeral or 1 erhia-
 fruit tre true axpressions of the sad on mhiol they
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THE GARDENERS' CHRONICLE ANT) AGRICUTHURAI. $\cdot$ ITIITF

1 num rase ari to donl with whal layy to to nosme a zoary giat at ven me comsiderabl ons is at ranel

 frequently percoptible, the skin begen to shtivel and turat lethery: tbers was aleo a defleiency of saccharzo matter, snd of that peculiar aroma the exclusive proper to acoount
Atherrit, nad my conclusions never romo sbove mure simally there whu. 1 basn been athriunt rump


 and wh planted mith Vines of tho Blank Hataburgh, Gioldon Hmmburgh. Wo bave bere s iljeght jurprove
 Interposition very frequently alters the whole consso

 aual ty of the soum hy gaging thity it belonged to the old Hul sandstope formation, contained pot a particle of Satior unived fin decayel herbage, At the time

 ir; on as so what would poctere I did not



 very decided character hes been prodrood, "Now the Miver

 anel is topproarher to antate of cephonato, tho thore



 of the frat twas eqnal - Factory, and wa gunrateo fromay note that s yime of tho Alliante, one year These rentles encouramed mo to procoed lis, for her I had the earthr removed a foot deep sol, on the supposition that 10 rephaght fitmon - 价m an improver. Alturatg it might rome amon is it frealy, and bave boen di - "ir some
 nherred in the saloction of vilierous al mis nels it is frequently to to mot with, and vimalimew
 rantistaze goil with me, for tho growiti of thar rm! Vine, has loog become, forthe gromith of than 1, mam


A writar of considemable resis in hav trong'




1 ferent kinds of lumostones, and 1 to consenuont
 parious districte, ehould be sent to the Soiontafio Como mittee of the Royal Hortioultaral Bociely for 4 !

##  Prut trees are, it is to be presumed, many culti-

 retod for the sale of therr fruit coneequently the chre? duction, and much may bo nocomplished towards thas end by at rational bystem of praningTho judicions prunizg or non-pruning of frut tree is nn sill-1mportant question, far moze upportant thal. that of trabingg, with which it is freguontiy conioundet. Truinang is this produding of form-an ormamenta
 triniog IS chiefly performed for the sako of necuring
 production of frut is much more dificult than that of
timber, or merely ornamental form. It is, indeed, easy to prow itree end prune it so that it may ssume any desired form or size. This is merely a qutes ion of hime, satd of the oarefin acharemce ta some sivel rumis if pro-arranged plat ; but to make that weo quality, requires the exercise of much more allif quality, requires the exercise of mowever is the office of the praner, and by proceeding judiciously he maty
To lay down may defoute rulea for sufdance in fruit. tree prinjog, beyond the broadest geueral principlef, in imposebbla, for int pravice we have so many pricintions of soil, vitminto, subjeots, and aven stooks, is deal with, ald exerting coastuardie inguence, thid may be proper or adraptageaus for trees on one at
 deporide on the time of praning, ant the nianner of the Acoorciog 60 the antount of foringe da. Droperty developed, the growth of the trex of itres on whot leavest ere produced may, an the rate of titerense on the plant gonerally, yet in . its removal tho parts left increase mote repidly
f-4 und of their leaves being more ruly exposed to the influape of liphts. Therefore to prane judf cionsly is not only adyantsqeous, but in fruit cultare it is indispensabie.
Tha prana a tree is to cut ofr a portion of its sternt a
 immedinte effeot (it mify be repeated) of pramen or the cuttivg of of any portion of a plant, 18 to cause a grester supply of eady to flow towards the
parts whoh are left. Thus, if a free la growing parts whoh are left. Thus, it
effeot of pranigs at vack chits
increase ita yigenr instend of uans, -1....


 pruning than a wealkl -qrus
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 Which will promote uniformity of gromth Excessive yigour, is, however, undesirsble, ss trees in that conation bese hat a slasall quantity of fruti; yet at is posathle for stroe to be too wht, had to prodtuco
prublog, miz, marcel garden or orobsirt pruning, ant pentlonaan's gardeo or trumed-tree pruning. 'Rho one 1s
natural charweter they nro promml at oust eat r by for
fruik formo of appearame being 2 ma great measure objeot yot whth thas is combined the cormation or retertion of some particular forms. Whioh of the two then, 在 tha most productive or proflablep which of to apply the trembent as regards prunigg that it Decesmary for the ode to the gase of tho other, or to

mantiog These remarks apply miore
not exclusively, to formaily trained trees.


ufruitiva.


The question may be asked and answored an that may. I the ecrense of hortioultare to he kep belon its leyitimate statras-are we to plod on is heretofore in a hasy ntmosphere-are wo to
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 way of growth is unfevourable to frutt-berring miment of the trees must again be moritions. In tho orchards of lewon3md othor parts sith dampe c.imates, lierer 4 this nat wral cherk pit mpon tho prowth of the (thinh wird id citherw+se be over-luxuriant and thinkiz aul bran thes, ceused, no doubt, hy the yod dampans The reseace of these epiphyteg
amweyer, in my or non, tu a benefieent rheck tar. uxurince, and thersby madnces greator
than wouls othermia be obtaned. Hero Antare reprositug vigoar more elfeothally by the employ ment of any artiticisi any great extent, tre must nerforio, uncers be dealped, cultivato only those wingt in accordsnce with their anarai tomanoy,



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 a the condit one miler whe frut trees, and to


##   Prur Sir it notut moont   $s$ bo Mratte

or other admantaiges anjoged by them, phrongh which Tho ratural tendency of tree vegetation in the solls of
 de ed conx derahle sariat on of ro leser in thesen merte rom stromb W reat land to ligr the, satid, yet through:



## 


altalberd roirsy in malir to thner of Mr [kisers
fruts and fron tres, general at 'sasturdgeworth. Around Parts the elimate influonces en? benclits the condtion of the trees and fruta to considerablo extent, yet othervise the results are as uearls as phestblo the sime.
 bexe arn Tl lla embtras? eturdy, Inrt, ounted, and



 youge shoots, as on tre inlathee of tace leares so pro duced and on the act, on thereby infurer into the plant deperds chefly the qual.ty of the frut. Jeace ko nduce short frirmat.on, although there may be latta to monae wet the jrun ng-kn+fe may be used to great advanger nad the shoots out closer back In fact, the treeg may be kopt in gmallar rompass than that whet woula be prudeat to adopt 12 the case of tarees growin very trees treas planted bt 1 Sost ropart, $1 \pi$ suidh solls and enretitona is Lirljly commondable. It woidd, indead mrave tho inost profitable, as althoush they might bo sllowed to attran considarsble s1ge, if woll
 Fround could be othermase fulby occupiod, or turned to mound coud be for frth.t cultury.
To Fuvarse the meture, lownver, let ris Fight tho rich palley of the Tlistuen the ts deep allazal loam, 300
 forerestion in

## 

In tho ono ense-wsnter prunntit - a bse prumang a heonssary to induce greater vigour, and prevent over
 ather tho ouseot of the pruner
tux 2 riatace, nnd this 35 best ellected by notu-prouning + o



 gronth, and as on pondequence treme nime fertila on eccouns of the fotues of the plint nol beling gucentrala, on a fow buds, but beinc ren $21 r e d$ to pond thenlf oser many in short. in the ana maso

 arturnite to graw arees and in tia otice nimost impossibes, $\%$ eranse the treas gaturally rew too hyrungantsy

Excesive vigrur may, Lowiover, bo considerably repressed and ftustfuluegs may bo induced by jationous

 lished on the natarally. fert io ivens, yet it 15 if oct lished nit the nataraly fert lo braryant apml en required on the most luxtariant By corgtant applea Lon a srest deat mas be meromplained it is an opera trannog, and in the ulture oi monawre trees. The
 frathin from 1l: mat = an felarn $t$ ni.s ilin atmen to form $\mathrm{H}, \mathrm{x} \mid$
 Whactare reft, Tys is, theroform, by stopprati the stronger growing portans, there on the wpper parls of the tree, thisen gro in gifvance of the lower or wanker porlion, wo equalise the fow This glopmate npd
 tends towisds the formalion of frus bads, exceptatar in

 husk weale



 towerer, nily ho
nil orlier nis. es
firt ty


In whelarimz these remarka, I would recommathd those who ruat bo commencing frot rumure to take rel inta mani lorate a the soll and bitant on of the In f. and then tic oho $t$, whother for the production






Misar i Lallk: the therine of lus romarka on the abore father, equgastel to stook maner tho
 difnerent gonditions ! mely to be gervicesble

## ON THE PROSPECTS OF IYBRIDISATION

Tre oblect of the following remarks is to show how ore in is st 11 open io cat turists in the matter of In arilert sen the extent and nature of tura I whll

 flanta, and to taren it to the hagher nojeert of orimatione hes cortus and qual ines, by I inc do unthougrai sibject
Inc udo - (yeners bitberto tinattempted

Old maten planta, shrubs, or trees poesersing high nocinl qualtotes.
Farnegated plants of all kinds to be used as the sires or male plants
Other describlinos meph be malogued but the above list would give us onough to do. I will not treat Lhese crase separately, for they are much bound up with one another, but will take than ar they bappeat atit my prosent parporo, when is to bay as much os I can in the shortest gpace of time.
Iet 4 b begin with ordinary cult rated things-the ld familiar forms of the fowor or kitetien girdon, and note a fow of our shorteominms. Enter patirs kose
 ouk, so drent his bron tes chitiral amproret, handreds



if. crit torn ni ans of
 pioneer, nfter him comes the gelective improver Whall not thatat ay norist friends by sayidg you bave that the greater purt of your show Rodes kave no moent, and many of them nettiter enent nor conshithtion. Your yellow Nossettes won't open, and of the yellow Pose at all Nether have rou r finte one
 cagraty mith otict matebleas attr bites ates, the soont of tho Bear mitici Manemoten. Ie Bonnare would never
 areated Rose, yu lirve no really anod rampant or cl albug perpetual Thozo at ah. Felenhemp and Felair do Japhter are far from perfertion, where ss the very possibie porpetual Pompone? Whatuly we bud a long ad eu, alns to tose cic Meatix,
Frontr let us lay the foundation for ar white, by erossang together tho whe China and the whits Luicue Provende; also tha: itest Tea, say Niphetas, with tho same, nad the or lite 1 one For b bust
 and Celeste, and cross withitio ping limet anas. For sute and doublenkes of thewry, w, th, fra, rames, traco

 1inabe

 edl west leas yala, 1 e whate (hinn and of Smeet Persis liriars. Also prose torciler the Felion Teas and Chins fiti the gaiest and elesrest-oplouret Jrarence kund
The reaz should be frusued in pota under gias. Chas wall brag them into Hower at tue same buce watl the Austrian briar. Sharenver, thay ber hinem
 forens mould appart in lorge slare of i s molnur tis ang


croesce math band some rigorous Roes of blonowl any class，but expert $\rightarrow$ the l＇zovence breed．





 proc area

 my meaning $t$ ． 47
And now tie wi lake at rita the ne hard
good Apples and lee $s$ ．sse been raved by jefin leans



 dea Carmen，or reared a brood of sung Jarmouelles ennobled by the bland of Marie Louse or other earl autumn Pear？Who has ever collected，selected，and united is wedlock the pleasant but very amproyshle summer Apples＇I think no one，as sot，tot even the groat Sultan of Sawbradxoworth Is there any reason Why the great size and hardy vigour of the C＇stullac and oilier cal，nary Jeans shomidd not be imparted to or Pared by this sorta whose meltimit foeman and moth Forked injury at the singe fruit and expressly wa
 of wick deft out to the bertatulurist，Wis，the
breeding expressly for hardiness．Indy Peaces and
Apricots are known to prat 1 nt therap be searched Apricots are known to pant let thence be searched
for，collected and bred from，let them besom reared

 F Lisa Dudes of springe，$w$ ，of 11 et as res fora an
 pest if crust luton generally，and hardiness to bear hats temperature It a ramtirn enough $w$ hear it

srmili surf tia thus be w hes tic＂ross hreeder has


 Ar entsard rally frat table combination to be tried




 itserf qua，int and pretty an $=$ dessert frame，mud might repay the trouble of rinse ni with the Golden Drop Even the poor despised sloe would furnish mo import－ antis 1 sistrurtive expemment in showing to what an Extent the austerity of its wins produce would be mods－ garden Plum
I do not thank much deliberate crossing has been done with，the（＇berries．A fem rutbects of well defined ramps furatht be crossed together The Morello produced has ht，yet I cannot he p thinking that further iran mast meet wilt sucres of at any rate verify result I need hardly say list to a really scieutithe mind the
verification of an experiment，of the
au al．doubt． 19 a graluirat on of the
Alter the fruitrire question，of
must be allows treed we pres naturuil



 Red 1 wrmuta $\operatorname{st1} 1$ ，hist natty per sin

but a lew pederast lis＋nader the



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 man ald

to the bold trabeiles in untrod sen wis ross the
Res \＆$R$ HOLE entered a protest nermist of Ma，（larks atalementa，ard erica derma） florists had more reason for covigratalat on that fo deppondericy
 by stat mig tit to extiroly agreed with Mr line
 ropes must as resting if
dir Jj＇ $\mathbf{P}$－sis slated that wo still wanted a pood $\pi$ rite and a road resow Perpetual lase．

METEOROLQGICAL TABLE FOR THE Q［＇ARTER EMDING JU＇NE 30， $18 i 0$.



## 



 and betide，Tod be fosse to represclit a slupar－loal


 two brandies of about \＄is duchies each，sud so of the pray at il twit
 Lated prover that，they are ennsstent throughout，and naut the top－licaty article we myst take it to br
The outlines of tress sind shrubs are therefore by no It the lower orders of the sere regulated by fixed rules．


 ant pone would be an ext lateral trinurle，will always be

 opera do an anat theatres－nan it the tue of a tree nr




 caprice have both ak to dive with these ctuenswins，they It is the peculiar charr ter of a vast numb ir of trees form tors，for if you link auto a Coder of Lebmion， of the loful ones will he found all seated mi s on a carpet of the loveliest areas．The Horse Chestnut is perhapathe finest flowering tree which wo posen；yob at whatever angle the bramels mses from tits hab of the tree the Row ers，Juke Herat trusses of Hyacruthy，are all upright Who．lat tue fo．Ign is river so．The Wild Rose is the

；teed of flowers ts mounted on tee th of a pretty Wily of ar，with three or fur ob art p mated deaves by Wily of carpet，ar I these are all set and clustered fully beat．Wealth suet elegant models every dias bofure our eyes，one feels outrgect to see culleutiuns of greenhouse Azaleas and the lite bound limb and trio is to Iron stays，to give a sluff outline，such as is never beg th roy of Natures grandest displays，acid，what 18 character and out fine of sunny Azalea whatever Imagine If you can，a specimen lu，ha with every flower tied murat out，or to the right or to the left in short，त115 ＂ray，excepting always bents allowed to hang diturg
 destroyed，as if the tying up of $F$ corns 5 e characters make her look moro graceful of Trees and tran the shrubs have natural supports，and should not depart upon ether propasor other phones for their stand depend
［iliey tor
 port has said of ant re，bo we nus wis salk of there the

Tho fart of suit a twiner as tho Hop coiling stall Found th pole，like some arpent embracing the victor
th would destroy，
borrow in clearly that Nature mont it to

they come into flower，so that they may mane before

 nat aral fuhage tombs u lat like some red riantie laid on bust to dry The deaves of a tree or sam id sra th ans never to be asiamed of a tree or sari he combination of 1 kith so．shade that makes the

 Mature usianily
qzaurar，is well plates the flowers of greenhouse house shrubs，sn tiers or stage of or sher show green－ els them ip on their $t w$ ，at ages，nad the，as before stated， mother，tank behind ray k，but the flowers follow one I observed that all the flomeza are at our exlibitiolit and stand is if they were poverty are thrust to the front file．In the worst forme of veraty－atricken，in single ap．endid speormenas were of what is termed＂facing，＂ al flower，without is leaf to brown g on their trellises aprons bulging towards the bebeaker like great red （）ur or liz，biter far disappearing．
in ox li biters of this rimes of plants will hards
 ＂ 4.0

115

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\begin{array}{r}
7 \\
37
\end{array}
$$



UR E $\ \mathrm{HIBITL}$ ．
－lipped style of the Yew and 18 by Ledirn of our for fathers，bul the massive character of tie liege，stout
in ats supports，could bear the lasuld Geller lisa this plants in question All spectuena haver a sly lo the






 and of the pant has leaves na we an flonhre le l them appear also oat tho stage flex Forsyth．＇ll ur＇Hear

## zone corresportante．

## Prunella grandifors．This loris get，why th now to be seen in lumber in tho no alyrarmen charming subject a to be found is the of the rat amon neglecter family of herbaceous planets lias   but out，as it 15 now 80 seldom send，I fear it s st but lost．It grows freely to the height of？＂5＂，inches Is perfectly hards，and throws up al at ut danes o        doubt not but that if at were trad to moil ra anat invaluable equation fir the decontanon of araftower garden in genera．If any of your cortes raiderity lis  wit］bLindly give their exprienere throvish wo  of this beautiful formation respodtag the cultarstion be too well made known in of it a follower canal Browniana，p pennsylvania，and $P$ pye emacs． but $P$ mrandifora is tho contort name and <br> Roses．When＂ $\mathbf{1}$ ，of Deal，＂，Was Lore on the fid d  


formed at that time part of the wood. About fred. tars ago the pleasure rounds were preatly enarge ind the part containing this Ruolodendron adaed to
them The trees and rubbish which had before interfored with .ts, growtiz were cut awey, and it wus iseif mucin reduced at sizo hy naving alt ine ity is now a -plend d specimen, nud when in blown presents $n$ most
Howe Slanmare
Death's-hend Moth - A large speamen of thas moth Death's-hadd Koth. - A dirge specimen My soster had


 teo oper window The cat was ifuito as uuw.hing w art minh prey as if it liad been 3 molise or stur.
Variegated Zonal Pelargoniame-Observing in your mpresslun of the tin iush a letter rram \& A. Smith, with regard to a plant of Jelty Lecy, Iesire, in face of the allezatrons contained in th, and the ratiner strong a 1

## \section*{Messra s mitu,} <br> puater lanpuage, what in

viderstuod to 1us, nuato was nothong mote to at the produce of the cutt + ge whith they say they loat thred produce of no. Now, I masy at once say that biad Messrs. nu, hr's knonleise of the plant been a 1 the more attended they would have knoma as well as myself that ay plant bore no compartsoll with the oris when tiey cat Jelty Lacy; In fack my tory is Mespros. Smith's Mess Selty Licy ma Jotily Lacy in capnot pust the contradiction in plainer language than thes. Nares man as as merse as they havo to cail any plant of there afior my therrs, as they tis someruat remarkab'e that seatetu Achiavemen. men who prafess to know so mande, nud who wite long essags in compehtion for glants, nud who write lowk essag deplorably runorant of the smbeact-matter they are dealiog with, and yet rush into print to the annoyence of respeatable zurestymen. As old growere, it is a matter of zurpize as well as of regret to me, that their knowsed me fhonid be eo limited that hey shouid not have beet abie to tistingu sk I sha.l be yery lappy to shos them the po nts on whe

## 


 our pomb ras to erge the memessily of strioter buptr Fistor at flotrer-8hong, so as to mrevent the poasibilit of such dishonest cocurrenoss an ere allegad, on good
tuthority, to hara takg phace. We çuestinn the ripht of any' grower to make ure of the same appallation for two dindrent varieles. The rule of priorty mutst b
served, as is ciono bs botatilsts, o.se end twiy conitas.
anar ie. Jeaty [sicy, atud if Mr. Stevens' platat d fers
Ha he s7y 15 dots, it should certainey have a mincreut

$\pi$ wh whes to make the most of this Pose, Be ahoul x lour yolzs in the sroind at the necessary dietance from tue stem, ani fusten the whore toget ber at ane top,

fixed from pole to pole horizontaly will give it tas mpestrotraced up and down, briaging the strongest monts downmaris, For naatatas' sika yonr cortespondent may subst, tute rom roda for the poles hootace plan of to fix stout pose 111 the centre Custan tho neceesary nuiuber of wres at the top of 1 ,





Progerving Asparagus - 1 bar tosubmit to you tue ful owt $g$ pan on freserving Aspurghas which may they be kil not want unotier -rice it 10 bunchey, atw pince it in pans of water in an inperted position, s. Fi, win the edible partiomararde thengest listembion of ats parts Insyl.rion Fartwogiamum- A spec,men of this

 Fis strulb, yet it ist u. rot tithe it has hoown signe
 The Digswell Fornery In Four eorrequondent* civches aud very fatr imy
whole Las been formed relipar, he says twa whole las been formad as lins en mysion! many who do not see it, I merely
tit palcareous Lufa (from Mathock) of whel the Rep.
E. Frescolt bought many toos for thas express if E. Prescot b bucht many tody for thas express
purpose. Tuksa; great interest in the construotion of
 - hould be corrected, fur tula is no more like gindstone
 lante gary cuns, aerably in olfferent localates. In some due old nomes are in reneral use, Snmut of the names the nld no foand in calalonses of the Lanoean systeru of Bolany an aren detiknate fambales of plauta, thougn ther orie is eften seoms obscure. But wilnout enter-
 cised from tlice rariolly sourees of our crompoon lan-
 Ltect to twoy and threes, Accmilt Trellow Ratule). The ul per part of the firet scmentar resembas a mook's an, the otter a sunall zollow Cocksconat, the r.pa ed of whith rathle 10 the capsile or sect pocket Thers is a kat sfactory meaning in bota jamum Lamian ais (Henbit):-thare well-knawn weeds ar of $\mathrm{k} 1 \mathrm{~m}_{\text {, ther }}$ though their names difer, not without reasen Formerly tarite were manad without nay relerence to
 reta wel tha ir th thay, lioweyer stralle tury now
 th the dilareace of the virtreen of plante, for instenco cire garcien Angelice it oalled Archangelios, from in Areatha, Henbt would serstn to come from tue bluntnem its leaves as if bit off by o ben The origin of the next rs elear enough, Nareissus $P_{\text {seut }}$ arclesu (Latit Lby), and Hypericum chlycintim (St, Jolin's Wort) The lirst blooms during Leent hence the relprous name, the common being Dacod the hilher blowsoms about St. Jono's Das, the 2the of wate. There are many other dative plante, the asmes of waich Liow citar,y that they wero cornected wran the suan and ancient festrfala of the Churclis but there are others with mames whrell certataly do motbong old Eagl sh botany, for instaned, Agerrum Crux Andfere (St. Ancrirews Cross) and Sympbora glome nats (St. Pelor's Wort), buth from vorth America The early Freuch eetilers misy have given them thezo names, ithe one rom its resemblance to the cross of Shi Andirew, the other from irs blossomine in August, on tho Ursh of whech is the Ferst of St. Peter's Chans A gain ister Tr.polning (sea Stur-wort), found only

it med, huaferer are rery dear y ola trico or
 first 18 evidont, though it has otbar quaint nomes, a Three Faces under is Food, Hearksase, Garden Gabe Pensen hut is used only partislly ta thrs country Travaller's Jog is the common name of the Virking risitaLor occurs, and is sa fullest blow at the Ansump-
 Bower lormery the pant was used to mady mean
 Spurantlegs spradis, Lady's Traces these are certainly named hononr of the Blessed firkia, and old friters nuentina them like Lady Das' Thernteris) that of Lady Fern (F lix-firmina and nalpatis) and mayovers. hampla
 haturi) They seem to have been so certed from the briaht coloura ana beatity of thelr frudtificston, butsuec armes wore lizunly gived wa dout bererea, Contallaria
 anal, whla life leares of the flower-str mare artanged are sters, beme tsotuer natas, Jarnh's Ladder The




 co nos from itho E ist, and does not belong to Bratish bo ${ }^{\circ}$ ang, , ine that of har mmb. Sonadir pecten (Slyep-necilie-sianed pperts which ere armaped like tha teeth of a comb. Play calks tars uzabell.ferous plant bean ixx I mention theso ia particular, foraus ebanging


 favourames hach of of two reeent "truan tuly thay caught the eye of a ${ }^{21}$ Round head; and respecting mir But I mentron thas mora ila botapical sense ann ilat ol the 11 ner dibhit who maxed up their noztreent ael
 ably heade over now, mod is a har or hadrat on mon marm enlighteaed medicel wienow. To meel sarh pres juther
 Acept pormarte often wel turt, brea manaral onea. Planta the name of whioh erd in hat taz pernicions, vean though the laryo of nomo insects feed
 dreeded Doudis Nighiohadas J. Wighoom

## Forelga Correspondence





 protected by high wills from the morth mands, ms in the Orage court of the Cathedral and the gardens of the Alariar at Sertile but they sre nol meen in open vaproteotod appeom, exposed to tho nothb: In the Public mendeap, with re numorous, I fuubd (May is in the North of Burope, but there wan very litue if iny
 White Rooes, but fer bybrits or Tens, D , ma,





 Findr wim is of













 Aquilegra, Eschechor'tis iont, Ant ret, in in it





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 canemans, Aoor onmpastro, Cupressus horizonts. 40. The oilat Madrdd is silioious, the great mucutams Whe b tise to the morth to 1 lopight of 5000 or 6000 firs baine ermintig The on Tway from Medrid orconde
mi riter th lit *(arle!
a fay) tosend forth



 mity, with warm shores, and co.d bigh ratital




 madz ant on the ingata and phe lowlan it



 R! ant









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an ate wone ane lier
Hortioultwrat Congress: Jely $21,28-0 n$ the firt



 damer, Tha beink the thris and term nity thits to then trosincom, End tanh of ita former th havig been rery suocesslul, the present one whe ntturelly looked formard to as bens likely to prove oven mora ancoestrut, conshitemng tho groy "Cotion Metropolis," The arrankementa can searoly be zond to bo so coomplate and convedient y they were at Loicester, at the antra in the shum grouni iont an ousidan le diatance frum 1n, of the Roynt Agricultarnl Society, though the


 He me flathe right of that teat in a lont ono, with





 run pardad Buh tue libher, thy one cantainzog no and rare plants and Orehulds, mad thee oher
 most of the teata kriups of barys itarube and Coricery

 m.i. temis nc. an int is it, and commence



 peommona of Heaths, sud s laree ant; iritag fowored Darwitia (Kederomi) tulipifera, is savers rory kood speotuneus of other slebje








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 This is 1 he ebareter of the luxunabt ifripated
 Gropad, to that oultivations dion in the propince of oa irfictiou. It ralued beavily while I was thores
 Md with, amongat otberm, odontoglonira spite about ofort in leneth, Mr. Mar millan of the










 Welic Thmas erant : Ihe at ehue, white, with a hifer stemaked: $t$ Herante iuh aphita. de



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 M. Daches, Amy Horg, Profustom








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 U. TM Taylor, Emq, Broughton, what lat




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 Sz. Manaiom Functioree Riveriy





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enh.

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WH s mon sueconful ons,
che ontrance, a collection or
suok a poor compotitued wo beliove there were eighs
 coltin, Faq, Bealíg Grove, Wood bridpe, Saffolk. Our caders wil remomber that 31 P Pottle also took Yines the Bury 8t. Bdmund's two years AMo pacimend bean showh. Intpee Fere very numerously 1 wa, but Wath tow exceptions there wat a want of H1 ur ned foishabont them, more especially in the Inscats, whiph were in nearly overy cate quite rroon. Some very fine Peachen ind Nectarimes and also some very pood Melous, Strawbortiea, doc. Mr. Thompson wing tothom-heat to Vine calenre. We rant not omit Comention the eplendid colleations of fruit tist wore exhabited on Monday by Mr Stevens, gr, to his krate What arbinly a long Fay ahasd of my tharg thown, and it tis to be remrettimd tuat they wero prealuded oo remored at an early date, otioerwise tho public would bave enjoyed the elatht of euolis aplondid fruit bad it ramained tarorghout to woek. Mr. Carribehat of Eortioulture ${ }^{*}$ prizen with \& fine eollectivn of Fruit. In Mr Pottle'g eolhection, ebave reforred to, which


 laxeons ingrome Pent, in aqually inn dish of Juhneon's Wondorfal Aroud Bokne Food whits Stone Tumiph, Glabo




 Ashlead Kidnoy Potato Hatmbursh Gripen, E/arid Dhownen anti Sourtet Gora Molons



 Hleo $n$ diall of 1

















 ho game menner.
Mr Bnoctwan claims that hin " nyotem of bee-culture

 Nature" prinelpith all dua, inbomionion to him, Fe be to ductsitue.

## Garden Memorandn.








 the luad telthix if wither, when of ry my ix of the



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 fieid.ari a diforuta,
Friding 1, labbil, de A Frand plent nf phaimnopals






 yituru as artumust uthers II may mention a pery












 Wral - purplimits with fine loweripk bulbe the ram

































 uite 8 foet high
 the thrifis eondition overs plant appoared to bo ib,

 atereat mone courtan I may montand in conclunion heresting atom not carriod out hore to the man xteal that i have man th in mome plage, to no pian


## Obitetary


 Whiting mas gardener sib the Deepdeak, Dorkius, nit



## PTicellareent.

 fly rin ooe of the thathot of Mrana puadios from haskis of 8 or $\%$ inrlam, coatmation of wo lotet
 primeding froti the apex tnverde the nillk of the leol thlien on then other hond the dren of other wean pleoed al Remer he tumath en the supface the mallet did not move, but momed pratitayl by trie nuidethetic meat, While the whi, arett fener $n$ it tour had by the rether moved as iti the Irmim, tug exan Eituproppray appled


 fin yone power thilt the ether tulath have hat what











 us. What pardetren cials " drewn," that in, had exme-
 liaced texturn, thta ham of bto was opoditjogroduced on tha dintal mai of the leaf. In lom then two mionten











 thinsi"
dimeth










 miner：Un，$!$









 Mar





 mbit The in fect ont of the chars dreablack，of the Vhation A
而





 and nes the procent is still aom wis in wer may etyert io



## Ciarden Bperattons．

For the romerng matr


good soakters will bo necensery to mettro the soil niods around the beso of osch Some hara rasort occasionally，








## Thanery Mr   antontas：

The formeratiackse the stalks of the banotes neer to +1 amonget the berries，gangrenselilie，satd is to doubt




 over－chatimy with momsture whilet the lof surfoce
 gratas．t．


 in tha houm il welf Hesmevery how themperstures Warmith may beom．an！bntryer，flo inualy if mav he
 Fiogs an I the bran hed sra it wif with edith other








 the in．I thay here stifite thas in ory remotikn mo
 Won＇tr celendtar．the Ford＂frim



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 thest it motras r｜ti，mit tisbit

## R．T HFX fin है










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## Notice to Carrespondente




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 exs）trenzen ner rod， y＇（ostliny











Te Improvament of Landed Entater．

 Iron Cleteris．







## 

 porsible and necendaryPerhaps，after heving thrie stimulated to the utmost the efforts of both breeders and mpohinists，it may be able，by－and－by，to take the farmer himeolf in hand，and ofler prezes，not so much for the ineulan by which ho
 humst derecta anl wipmontonde．A well
 Fation of the soil，ought to be es servicesble for athteltaturn jrogress as prizes either for cultitatora is for cattle．
－－Wriat hat decined $2 *$ to 3 in ralue，in convequetice of the imgrovementis the promose of a guod harvent Barieg，Sinize，and oiber feediag dtuff heare，howover，been quite ad dear on the olcemm alightis incremed the ralue of Jamb，In seods，there is but hitelo doing．－The stuld of the Hop gardens it


Mr Mernt，belooting the thin－nowing quertion to be of natiousl timportance，zaritos all those who feel
 fi pecks of baray and 2 burnema of chate．Le will commethe layreat on Augtal：－

## OUR LIVE STOCK．

Trra wele of the lato Far of Radoor＇s well－known atock of cattle，nhey and pips ta sxed for Auxuit 90 Wo hope on a fature oocivion to be able to ly befort our readers somes acocuat of the present coudition of both the herd and the flock At present wo mutt bo poatent with 2 Fery brid！antiee．The Shortiong have beet bred with groat care for more than go jeare under tho able superintendetice of Mr Morre，who ha been mo lovg associsted with the numesees of the rerious edmals of erieilesce found at Colerhil The herd traces back to andestors of kood b．ood and acknomledsed repalation，as may be seen bs inspectrog the pediyrees．Thu：there azo living represontative of the Chapel Brampion stock，so long bred by Mp． Benaley，others are litipall deaceuled fruan＂Wrwotha blood，purchaced at Mr IIuttena sale in inisi，mome
 have found thear way is）（cenbill from Holme Prerremina，Itano End，Siddingtor，Litulebury and lirmatuaton



 A loas podime ande with she well．tnow DCBLI：

 （21 gis），bred by Mr Howly by fid Dere or Yone，
 been the arre of much excelleat young stock at on hita ind ho famous sire，of wh sm wo sre giad to hear better reporis
Further back in the buntory of this berd are thit


 hared from 31 r ． 35 Hooth of is arisbr ilemoe we bind Ifooth and Bates blood fowing in hermony，end let anyone Tho doubts the wilrisblitity of the matiture lose no tirod in looking at the produce of Hich en Lisence in the migajucent proppriong of woind Towneleys Batron Oifordr Beflefy，the 17t pr1ze to spe cennot be surpassed．
Ttye Coleskill Fouthdowns mro oven better know than the Shortharas．fhes hara sthioved n oplendid reputat，on，and purohased from the looks of the Dute of Rochmond







－The jate VIr ir apa hhortboras were brought out in rery poor condatis，bitt the district in of the poorest lind it eppersi inat has whole stock sulfered so mucb from the drought last year that 100 amep were kDOFh ta die ID OBE day，tad the onth
 imporerneled，but the hotiert，yeariftr ned 2－7erroidh Were better，and in mor in in in priom wer accordinkly unly junt owar market Filut，Dollan bing pad fur blood For justand the first inn，shcemer ad， wit of a pure Bates dats shic（arzition fanth）and by




 local company ansubled

Nr viunlors Himpa，tre jown rama hid a cespital blele on the fat inst the steep had beat much
 odranied prices，the higheos biture betar ou for is

 and during this and namt aronth thry will berno ail over England The tu hop dulv sorma ：
dy，Ans Mr
tums and 2







 ＂graded stimprat rees．

We refor to the＂Ameencmes，＂better known amonast thoir winers za Cry Sheon，the Hemm mekn，and the

gisect from tho very beat lionu suthority，they ere well Forthy of a wider distribution The Lirpestono of Cormg shecp nhlabi，the barrent minorto
shire，and subnxt upon the dry mount a sas surng with little arilicial e．elp Tha suctabia ty for 4 sh




Roturen ng to the Lure estine thieep wo fiynd theris
 morolend．＇ithey may bo thus cesser ied Hoth vexes io longih，sad menining to the oharater of slout
 zealued per pound las geswu Mr．Parker reirs ane ？heds of his wethor lambs entirely or the lower＂＂in－ Wer guatior us 20 mootbs old．The awe hrabes nro kept a lis＂ing hand＂yatul they are one year old，and then




 mirght be adrantaze osesy introduced in many of our
dry，hills，gnd lyeor ditstr eta

## PRFSENT APPEARANCE OF THE（TROPS

 CamisRingit－Wheat On our begt fen iabds the Whates is and crop．A fon of the heariest crops are panatiy are ilable to be jojured serionsly should wo get ud verse weather．These want sunabine and whrmiti， get mary ther oomer to perfochon better jurobably than Wo at present ant cipate．luut it is quite the ereen－ hion for crops iad early to provo product，se．The And tumblion tbout th all direct ons，not from tomet boing bulky，but from woaknesa，of these I entertmin Enowry such crops came well to harvest；tieg
 portion）ara fult，good crousg sad wath sumtabin
 mprowithe maturity，mad should wo huve whther \％o 25 per sont，helow preserty nppenturices，and the puelity serinosly delerinated．Wo bive tnown it so


 of monsture，and w be lighter thed fe－n
Gir，altan gifi not a heavy y eli $13 y$ ever



EABT Nosfore（Coast District）－It is scamely ponable to gro say defin，te or reliable opinion of the perted 1 very umpromusing appearince atica they pre－ bave pronounced thom trecibedly below nthome but the cats rew dayn of almost tropital heat have produced
a marrellous improvement，and shoukd wo have
contination of such Wettber，may antie pate，at all



 in bit to by ne meark promis ng，wl，it shl tom








 Blien or mem－rotien，Barley，eferaga，Dats promin－ Inf．Beass，ofer averase；Finter Beans good where pods sown，where too timit persty of strint and fam pods，early sown P＇ens，ovar average；Mangol，capilal montls in our neakhourhond Fimat－rita luly＂rop wolghotten，dista，w，i，ter Tares，sery little Rem（ hover fotntos want rath Shat commenco baryest Aus ast

rey irrezularly，w tli tlo esse thim and wory far arar


 With a montivautice of fine weather，and arrina Hluat but，then be bur the san！at present it b，hit on the strong land，from the exeesgive mane and
 at prespet，promis ng I＇eas ara a very fina ro，cera
 the earis sorts are bery nbullanit，aul $1 t$ root cron nre very pronising and we．l mituted．Gruss has been one of the largest oraps eyer kown，espeonally upon
the higa lands：upon iomo of the loweth mesiows the the high lands；upon nome of the loweer mendows the
omep is not to good．With much promecta of food


 Beans are a pary great urop thought bot foll podited， The Peas are goverally g delicient erop．The bats an a pood akate．The root crop bas epery appeazaince of being thod，ao that we arg aikely to have plenty of food fir the slonk in the winter Robert Barton，Wigan fiscols sum
havo nolssathr，is regards cerealy，I am afraud have nothing very flatternge to say Wheat upon light and atad toor rlay soll 18 dight，an ？must bo short of botter，and bas come out with a good par．I muse say boe same of Barley Onts aro bad．T aryups are prom，sing，but ra a mould do thens good，llay a travy rrop，of ehall bot hare auy hargeet untal fullg tor ming ${ }^{2}$ of fugust，histid tie weatiter comes very Nuetrimirtosoilize Uur Whant crops in this heighbourtiood aro niythar but prowdrag，tiotigh they lave mproved wurth in the last fess drys，but
 The same remark is1，＂py to tharlos．ixceyt nk tat seans and Fets lock well，ard if the fly keops oif w，il
bo good crops．Mankels are a good pant，Swedea sud orop．and thee hay erohe were a remartably hesty seare．ad the hay erop more bulky than for many coadition，and，as the pasturea are pured in brit－rato all hinilu comniands extreme promes．J Borlase Tibbuts，


 intn etar tas are fretix सoull likal

 prom nis Ifis irg privi plenty of straw，and we

 paturea are pood in qua ty，and more than an are coge quantity of fair quality mandows tarn not short in gredns，no expellent appear to be doing very wel now Turmips are very hourcishtand a total abwence of lig muob a proapect for many year fat wo have not hat
 Sammel Drwee，Eysiam，Cirford，and nood in quality

##  <br> 



 the barvest munt $h$ ，？very late onn ${ }^{\text {an }}$

thatsedme tue prospect mas soruewhint direars




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 ia grown thout here unless for soed，of for graen food



 What the exception of a rartia，th imbli Jator th that



 crop Dut tiad wright wil drucord goud loul tut weather．Whe had fromts for any uf tac Jbeaty st II，trej and wila denoutitg theat net there
nartzalars about the Suts．ar

 mach on the green crops．Ohe pieas of th ltert
 auly 13.
leudni nuid
I！ 11 tate

## THD ROYAL AGRTCUUSURAL BHOW

## T MANCHDBIHR


 of $\mathrm{E}, \mathrm{h}, \mathrm{H}_{+}$the Prinee of W＂ales mas largely njtr buted，sad the manaiticont wealler of thio grist rortught has no doubt sumense．y 1 nereased the
 hily placed to in the vary hatheat rank of niorit fled
 compreted for tue bocletyo wrizue．Inde forac ra ake are butmbrous than this Soriets fne feretrats
 ni osure praved attrictive to larize uumb



 the Farious kinds of them trers exhibifad the strowsard was dettetent in soveltien，hit theres
nit great harm in that．More dotaled． be mado in the following parges to the charatit．F of ti is

## part on of ex）fillion <br> 



 rnecse would attead．
 ybowgard，bad wera most heartaly sod log a jomp re










Tha cattle classes ere evpecially numerous as regards the Shorihora breed; tho class of old bulls in particular
is on of the faest ever seen. is onn of the ftuent ever seen. The yovnger clasees is aber, Ofthe more Iopal breeris, the bi k kornre 1, iber, of the mora loest broeds, tha ba k on rans lipat rate specimene of the leading breat of thenting lirst rate speoimens of the leading breed of















 *, lemoth and pth of quarter munterfet tank. Mr, Hosken's, the reserved mado animal, of true circuil: - Marrin atis 'rigth in I partioularis Well-bred look $\mathrm{n}: \mathrm{I}$ Imi
 thormer intit, II peers probably fir tome ant time in







Crase 20 Clydeodefe Mare and Foal -1ak 201 . $5 t r$ w

 the nd Fatage of eduesthen mider the kands of Pote

 deop, Mr Moadows' gd prize br or $\quad$, an



 highly commonded,
 jout the ideat ghorthores head, ho in perhapy mather light bohind. The stid prize poen to s half brotber the pire of both being KNIGET of THE GAzTER (2ngas) Mr. Fawkes show fon if



ngein a pititetaker-LorD I

shows srent mirth and promiter $r$, ong in
 man iont There in not in this alase 11 , pr it throaghout whioh cliaracter whin ring

The cowns are a good duen VIr |h.
 Laioester meting inst y ar bite Quesw of Rounlens, wn!
prize, and Messra, Hosicens ar

1st in \& small and protity kopd
Mr.

and-Fery leth There ia a pood clase of yearline b
in n! ictit Colonel Thowneley shows sevaral vory be
specirdeus, nod thkea the lst prite \#ith Reron
Beauly, Whose breading is new to the Towneley hated
 Among the haifor gelven, Mr. 'ritter
riuh roan, looking leas like a urum, gif trys a ? ? cow, girthing, however
arat tan abananal firtsemel



## ort tots careat langth.

 eonitiortas the neiphbourbood of Shruphire, mod th The olasges ars soall in oumber if geod in Only threm old bxalls are shorm, the lat prize gos
Mr. Arkwright, end the ed to the Hon, T, H. H, Mr, Arkmright's bull had beon $1 \mathrm{st}_{\mathrm{t}}$ in his cle: it the
 turastar, Ho a greme was in 301
 ownd rumped, and thortar in the hindquather than ho orght to be. The gd prize animel is e ment long bull, somenthat mpre loomely pod how or Ma , For
 gret buagiag fink and deop quarters. Her IIn, aty



mik Hardink, 2d, M, Baidwio, ed-and
adforton the male class of the breed. DIr I 1 ne on



tha det torze roing tos Mr lilan for one whe it


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prze al hath Hushampion and liel mier. Ur I, , made beifer, not, howner, poevering tive fac las of of tba othor.




d. There scesix sonmer bulls on $\quad \therefore+15 j$

Farthog is lst with MasTal ARTEU
 fran yesrling buils and buil calves. Mr. Perthing North Melton, in older cians, and Mr. J. Dary, of

 ason shown thorfect maimal ith any of the ontile






ateep. This class, though not so many eatern is 1 a equal in quality to the preceds.re. Mr Georke Walla five thearling omes ; Mr. Freder k (Gillett id
The exdibition of pure Southdomns is generally tho ress adthred of aill the shees classer, bud on the preSent oompuon the spectrienn from tho flocks of the Duze of hichmong, Lord babinghatm, lard Sonders.
 the prizes in the class of Ebear.ing rame. The 1 st (No. 915) ${ }^{18}$ an admalse theep, mirth arrm, level beok , and theck wo ratats fine qua, ity of llesh and This cines are very 1 ko mitliaractor and quality An aunal, the Duke of 12 tivemond kbown sheep of fine Fruathy and purty of binod, and gage 15 priticularis


 other age," ser Wit mat lruck ortinn thes ist end ed with two ut lunst onaty yitry mperer rananale

 pousesses the most perfect TIIL aty of tuittor, wool, aud

bithy had some werkbt with tis judges, as ho was kopt out of his pen with olbers for a lang thine before they conidn mrive at a dpelelon Lard Sondes and Mr Thers ere eleven entrien in class 103 . Tiser of a chen Thers are eleven entrien in elass 103. "iep of bs bhear-
lox ewen." Tho 121 zas appeared to have great




 clelmond, sikne mate Ift the Ress
bredd, they iassededs a cut ciaro a comparatively new mueh larger, int cut more woul, thoy aro a bad useful bread a pery larse whonber aro are a hards, the whomazd, and fititrat relit to the misuers. Tue lampunte it iwnt oce ugy only a fow pema, but the quauty of th me exhmitert os exceedmely good
The ather classes of Lamk, ILardwik, Cucenot,
 are ail weth represented, and ho doun





## LEA $\mathrm{Em}=\mathrm{T}$ thas.










 Bmake, Assid ey End, Siffron Whi hat a













 Mal, hurency is,


 10, Jonathan Pool Hoserve and yivily Eumenonded
CLasi13. Shearing Remawick


## $T r^{2}+$ nen <br> 






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## Cus. Wos Whin

Ih. חper Lacertze




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 Tymo.




 old, -lot, 100 , Por Pof a tranli Whito Broad, whove 12 zonotha


 Clley 132 Boar
 dou Plice Italffix

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 1 Bat.
$\stackrel{1}{2}$







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Anzer sleaves of the out or other cort
 and in i5 mountas $\Omega$ Dhambar of well





 made of and, and the liet arr thus. Djacted int ; the rer, wafers.


 ont wad tbey becn ripe insfead of Hould hntre boer dry omongh to ctack.
obvious that a mate of expeditious that two sheerves permeve practical enoligh for tho farmer's pur inve fork ol' Coletana \& Morton, of Chelensfors


 man and boy cata keen four pit dor 0 .



 Irabthtponer atid wear of way premple manyfacturners, homeper ay roacs
ataples and other aftac amants hato too moner of
 Thomgron, of Ediabirgh extabitra handy latale rond promative remarkhod for be og conatrueted with an
 Ekemh ronilro ler, intentra by Gellernh abd fo.
Paris, tor cousol, datiog freshls stonew roatah Jlesse



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rimapary trial $p$








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otiony a grialer varater of mertia
 ataudine Jkir and tho lueg (rrew sult lhem, and


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Aresen Culfortiors - Three pricerse bive bean at




 Trins


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 werition


 Wenas to obpiate the raced objections brouthit








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 Fut it, the moneary clactch laverage and ond or both



 mont int in to tho kod tho nlock rope wimithe-
 $\frac{1}{2-2}+\frac{1-2}{-2}$









 it and in tirn a pritloy-loyor by the hauling aropo before



 Ithe of her darts of the syxfarn

## $\cdots, 1, \quad n$

## Ity m ant 1 ,




 morns mannt is of the h shem pundirnt taluer Th群






2olt athe other speclal prize from sbe





 $\ldots$,
 econerh of bhot one-horse nower The Meessre J. © \& ant



tractive force $\frac{3 n}{10}$ hasu $=$





 Wobld illiutreternery, forcibly the prount of the whole
 -n……
 !e: $\pm \frac{1}{n-1}=$ $\cdots$ nont, and is capable of turning round

## wertist <br> 











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102，Bot of brasopimmind nhaft nod lond eart harusans



malred＂Fureka．Silter Merdata．

earth；Daresy，Paxrono \＆Daves，for mathine for dirying by atesm b
 og pis geaulty in arranab名 piggeries，designo －－phrars usu what a manalsu spectimetion ar itself Thoct cottange for labourers， 38 minemped by

 Lonair，of labourers＇cotteget，with speointontion，for
 ritmast possible degrea，the cost of them bolng pothit nod a mounhlo partion for the there separation of oh didren，the cost of Fhich is， 1,60 ？The model of the supertor cottane which commanded mualr attention sear the Exhibition butding of 18 ita also shorn．The costit of this butding is 2001 Ther also shomy．The cost of this buldaing is 2002 There ire als，trinets is elaglo ootragos and spocimoths of


Wha apien it this report ithe following spinted arenust，from tion If wath sier Gudredion，of the leaping trak in the maer harse sard win by their Roye Midhnexses tin［res imat and the l＇rincest of thated the fram ani lirincesa were rordaty dieered
 br－me．




 vo than usual Tich．reneral apparanoe tha the

 natural Gruss and domestieated pisnts as can be onn－ vemsently kopt till this geasom They were admirably
 rools，with zearly अभ specimens of growng Grass，au！
 Brandrath Gibbs new Yellow Giobe Mangel Wuras
s yery neab pariety，is included amons them，Jessol
I Wheotor \＆Co，of Glourpater haye a targo emad Full Mrapged stand，exhibitiog thois oollection of form in thejr carefully gdited illustrated book on Grames in their carefully gdited illustrated book on Grames． good nud useful colleczion of seede end growing plante wheh are eet off with oriamental zhrubs of smelf and kerge sizes in pots．And Messtra．Carter \＆Co－，of High Holborn．London，have a rreat and most attractive stand of eeeds and plants，to which we needi do no more than refer $\mathrm{O}_{\mathrm{m}}$ this oeposton zhe Mesprs，Garter＇s gtand






 shmewhat lemis in，ured by the leat，Mr Thomas siseen，of Itserton，cheshire，Lad foar obeese of sery fine quatuls，over CO db ．Teribut esch，for which the tat prize mis atrarded．Mrr．Stdom＇s od promo wire as neanly es prositule equal In another ainal保以
 for whigh ha receives a well－ceserved mmendation， Mr．Pascoit，of Hajgrave Farm，Middlewioh，is Iat in
 Amung the ether axabitors are tle Marture of Chol－
 Earl Giniscoot， 3 f ，of（＇alverley Uat，Tarporley Chaslime In response to the effer of prizes for foretyon productions，there are three sampese of butter sont by Cussrs．Cromplod，of Hark Lapo，Hancher，but thiero mera no entries of spacimpas of loreing cheen．
In the sheds for mocely here whs mple mideneo comman！mis great atteation of the procetit titin，for
 and plans，but tenant－farmers hre aigu motomatak esti－ bitara in this departmeat．bir．Torr，of al lemby has an excaicant double cotthage，planned and suprored by himsolf，for the purpose，as re kas，of Letting thred bedrooms in the most copvemicut and useft？ mavaer trithout disturbing the proportion of 约e enthga，had preserving is apperrape，the concon－ cration of hest，and to have plenty of licht，Tllas cost of this double tenament is $180!$ Mr．S
 jag pig roughs，and othar wank of the bminestead，20
1 hJembe Coultas，for hroancast riatributor of manume；if it



## y－uts．

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＝odo wis＂Pasiny Draper movon yasm old，Cumbarland＂ mare is ons of the ficest and froest morera we have seed．Bha is not quite thomaghored，but hus w fine richog．Hiko heed，and $i,-i r, t$ and bulln woro cheare of thp apectatore．It wan oarly por tred that the


 IOn
upom tho relasivo merlts at tho two maron stod the dpoctatont


The stectatora checred pettmazatically，and $\frac{1}{} \mathrm{r}$ Casson Was warmly menrrat alated when the fint of ti juddreir Fin given in lits fay
her performsonge that they awarded her uliso silver cup，but of lese value than thet plven to the wiober The wisner was riddep up to the rogat sland，and the Pricco of Wales examined her with interest．

## 

Farvest Datea in warwolr，wo． 1 Bend antatemeart of the detee of the earing end fowering of the carc ons
the Holbrook Grange Farm for the hat sis yoar． The Holbrook Grage farm for the hat sig yoars Very thregulin in eariog and fowaring，ani alsss at
 the mitaw so lopg，nod if wo have mpy heary rain I som lnrger breadth of Whest sown than but year，and the prospoots，Mre better on，the whote thut on erop．Barloy and Onth have also uxuch improved of Licen but are peas ar above though not so honvily covered is I have bomatimes seen，still they wre mindh sbove the averaga．Margol and Sweds Turnips look woil．protatos ange nat hatu cotue up Yory ureptuler）y．The bay erop Flukes， thie heavicut I onn remember，snd elinost an of the hes
 there to mon cliance of this artiole being very cheap．

Uata．Whunt to

Fiper and spinning Yaterial from Hog－land in
 Tn Whioh he recommends the culture of New Zealand
 in Kow Gardens vader chase Mrat．Dick ouly bo grown of grving tho Spunith Grus（Eiparto）it trial on the
 pirlfon on in Ry zintis Park Gardens．What this anier plant may be I sm quite at a Iog to know；it ail frowit for ornament，and not for hil krowat for ornament，and not for use，under the but $t^{2} 18$ IF mere guess Fork，and $I$ honestly confers Loulon＇s＂Hortus Britannicus，＂nor in woy other Wrore that I sm asquainted with Some fittle service，not only to Mrical Jature may bo of some in f ent tden ，



 oors in Encian m，and sleo Ynder glasa out－of－

to

 nursche at Bhroud，in Glonoentershirs，and I ant of its leaver from tbe propirator for cond ant some I must not conven the feat grown onder ginss，for Scoth h paperoulkelo have fact，that the Engtish and With tha plank as well as mith Esparto．Some an or chemtary and 3 ， 3 urras，an athor mod leaturer on hitmeelf and pranted ou paper niade from Non \％ralind Flay Thie pist or his angument was ıo favour of gettung paper Etrong and ye，low，as the bleachtog process dowe of cillorine，wha fortud to be quite rotten in the course of a for wears．At Dunder a rotten in the showed me Naw lesinad Flar seatched and dremed for spianing if saw it aiso in the hands of a spinper it got to be of atoro commercial valuo．What cane had it got to be of atip commercial valuo．What tit may bo un

the tifle of gett，ag ont the flant from strath，and from Espirto Grum，caustie nodas noums to be the recogbinod Nays be con，got the anler out without asage this terribla sgent，which hay alrendy driveu paper－
maken of the otrean by poisoning the Wator，he will asull didy be oonsidered a benefactor to socsety，and Fell deoorving of the encourngement he solieth bive made extenulve plaptations of Bent in the slatd of ADoleson，in the sund bede，to pre－
vecit the sand from beang driftod orer then

Thit Beat is common in Scotland and in Eng land，sod I was informed by e paparanaker that be hisd
sooured somo mutes of Bert to make has paper from， socured some mutes of Bept to make has papper from
although，
as a
 ocast，standing amid sandhally．The tredition of the plaoo is，that the whole pansiana manded up in one ir a liviag plant of Esparto in a flowerpot Bent from the seaside near Dunbar，＂the forsikn ＂vadar＂did not at all look likely 20 dispicica the of Esparto in the belt parts of eny of ithe＂thres Kiag dotus＂would nat yield a prorit roz some time to come in it would not be well establuhed in lezs than one life－ ime White it cond al Wiya be got from the place Fhere it indigenous at leas cost than it conld be oultivato in Oxfordshire as＂hall stup＂for paper masking： camed samplen of th to paper mills tu let my frieud see What conid be made of it；I alao got sheaves of
 ithely to be of＂somen sorvice，＂and I som in the atore yegrarded，not as worthless，but as Maprofltable fin the trade．The following simple fact will get thus rag wo moy ofter insterial for papernaking．Way and the dirtiest artiole an the trade？The cost of a pound of good cotton may be set down at le．The paparmaker dous not buy at thit price．Calton at 18 ． har lb． 18 jor the spinger，bul the papermaker waita
 cottonst 1 ．No wonder then that he grumbles at any tarifa his paper．The rag 和 purchased thus at 80 ner centw under its arigmal velue．some wars ago namber of the Royal Aprieultural Socioty introduced to that body＂the choo＂end＂tho Tanse＂of the We est Inditen an subatitule for fane Pokto，ne this ghant benent of the poor of that ilk；but，when the Edoe and Tanis were translatod by me into the ordinary botasiosl name of Calodium escalentum，it became at mattor of no doubt，os every，plantsenan knew at once tas exotiv alariuter of the plant，whith Whas by Tanis scheme consequently fell to the ground In ilke mander the New Yosiand Flax wbs made into paper， and but paper printed 20 or 30 yeara ako，and its meritsh held up to the world by able hauds．The thoroughly undertord nud duty appreviated We just whore they crow bett，and we manufacture them here，thas collowing out tha true commeranal ruid of buying in the best and chempent market．The cultivn thon of Irrish Flax in Ireland fs truly ano Irish question atood by many in the not it in thoroughly under buyer tell the cutahities of Plax submitted to he sean解 Flas wat easily conthare any one tuat this can be done Hill Dickeno oued this ia order to point out to Mr． hom to take with improved machines．Tho staple of Niner is Imsh Ffex；the market je gond；and the it 18 in profitabo erop，and gives employmens to the damage ths crop as it mould cerealg，or even Potato Diokson，He iy no doubt enthnsinstio and ingenious 4 tlantio io Connourbhe and tonke mould fose to seeditng Phormiums from 4－inch forer pots in an Irieh fully aituated，and way，the entry of the tribsa，is beau－
 inland town would givo thousands to poosess，and long may the New Zeanand Finy epectuen flounsh in the garden of jts college，but let thate tuffice．Stould any
 fon fiffer，Jume 20 ．

## Foreign Correspondence．

Baxerss Intavid satuated within a quarter of a mile of the equator，shotht 2500 miles west from the
 in Inate it becime the prona， Company Buker＇i faland of HzB American Guargo
 Its greasteat elevation ahore aepresued in lis cantre
 Standing on the dook of the mine pad $\{$ quarlor you seo a dazzint crout of pasti，a you approach frotwork of brankers
with ith single fatmed houtse，and the flagethif remind you of a rakish montor with tu turrel
 he bhore，you hear above the boutid thair disoordant din，which ris to echo tretckes out 10to the ooeas，and breaks thetctes out into the ooean，and breaks tiv Wept awny by the storms，Outeride downwerd tcad of the inland under water is the bothom of the deop oode buth fills ama Las betre foud inecessary to enphor large can－ side the retif，to which the gusno alhips can moo sel rea whitle reoaving their cargoea．Each b cables atteanes the buoy to a large sheet he other pases from the sfroze alogig the bottom th dealivity nato unsfathomable dopths．Tho itland its broken shalls，and fragmenis of coral，and hos soli to expport $\frac{1}{6}$ stunted regotintion． pestuona，and the fiskud is almost vale and propristors and labourera thion Eall atory tope eaving one or two penome to guard tho
natil the retarn of the trade wiad，whitch for pht monthis blowa stoadily from tha southe
 sumption of labour The guano dieposit ooters central part of Haker＇s Yeland，and forms alx inches to three feet bick，It is a mey－bis hid respeat it differs very greatly from the Chis Island puano，whtoh has as highly smmontaok o Thus difference in quality is to be explained by ti facts－lirst，that the Caincha guano is depanit islands it rarely or never ratus，whic at liske rair falla mith considerable recitarily at Wahked out of the tuatio of Bukgre Ithod it is ratained in that of the Chiachas． the ferthendorizabrou，however，hat sh of the amount of zuano on Baker＇sas Island differ hyghest is over $2,0000,000$ tons，the lowent mbonil tons，and thes is probably a more cutrert en tho atill sctively work thish mitase of wealth durigg about geven monthe of the year，ar nimal wamblumbt．The method of tringerf． 8hıp 28 as followa－A ram wity track
store inland to some

 is ncourtutely ascarlained．At the beach onch gurn weighup bbuta handred pounde，is placed on the of ar atbletio Kunaka，who bears it to a whit Wheh is dfawn up sufficieatly far upan the bot ascape the power of the scirf．In smooth water eno Wils to be reduced．Whale the boat is loadiog the hiand up to their maisten in thie wator，holdng directly totrard the surf，whoh bents furiousk boat boal aud swamp 1

## shove，juntps A，suzey his oar，throwe

 rowlock，ald＂Enes way ${ }^{\nu}$ with all fus mighe deeply la den crafi，sumk in the water almost t o threwales，nats through the breaking aurf whioh thr Co swamp it and，to the Foodar escapos thto tha open seth Arrived The vessel，and emptied znto the bold Timer．

## Farm Memoranda．

## BLECOT，LBCHLADR－An intereatiog visit Mas $p$

 ture to Mr．Camptell＇s lire Canober The eil wing insectod was the 50 －horse po some 2000 tons of wator per 24 honry to the a At Busoot village Mr．Campbell wil，ore t a dish for the produotion of alcohol from Beatrout，and dem fathucg atall capable of holding 400 bullock plants the pulp．They next baw the lioj play ily，and seemed to 10 foet，wore is mulerfuly fi six ewt，per acre．There were Clapping aheep．The Wheat oro，s are ningalt and point ore what tan be done by havina Mr．Campbell hos 300 acres of Beetroot，nlt Nher the esth of Aprit and thee grean instead of being carled amer，plesura． irripation pipes and ourred by the foree some tro miles suay to the dustillor ibo Nartli of theredadopted by some reime．Tha lyect is dry
of 2 feat or 2 feoti 6 incles ．Whath unintermedinte wi aillow a deepar cuitizes the rosson for the

Th mand are cementod cisterne, depth por and corered with battrog for the imgation plpes are plared capable of 6ial impes, and so savige all the oxpenso 2urdong eathing. At Old Fleld Farm
 Gedonem nomina 15 at li-norse power, nad Thner thy been dis bataing from the arge
 on punch bowl will, wher inashed, hold 5 ans of mater The itrass fed off thit tie latter Ifo wid onf irrmatell on ro, war first-ryass it dre cuityat vg or ratier a rating at a byand at a jepth of 3 fect 6 rackes, with labke-a rader wiorso power engimes of faiens' The sheep were remarhably houlthy, is most detugatiol day was spent. Devazes If roud take more than 18 -horse power to [ampoell s lasd \#' anches deep. ]

## Mindar of operatfots.

Roms are now gone over. For Therr, or hadrem a sharp bedge-bill is far better than its strube should always beslarting upyardis, ale clesn cut, and, as every hedger knoss
 man buses without cutlung, whilst siastung d gi: ts and rots the brancles or hard wood. E gres suould norer be allowed to grow and bedice at the bottom. The cround uader at Wareflly yatch hoed with the small bedge
$w$ erery weed puiled nut with the hand. Tho 20 practice of turnutg orer a greeza sod rit the \& What is worse remosing rind burnag it bo the spray er it oft 17 out of date, or mercly mably.
artead, with the leboupers' cothages on tho oid now be putt in a state of thorongh repalr, course, ncludes roofs, doors, wiodows, cattle hres, atd go on. Thlage implements, too sar! Hith ready for the stecks; thsteh is proind the threshing manhine, the rteam-empine, overbauled and yut in proper wark nk trm. ibe threshing machne is driven by water, the a and matronurgas mas require eleannes, and in favaurable time for such work. lieapmar a dee also got in readiuess.
Welering of Catde now requires dinity attemnimal and Fagetable Infe and the hot wemther of He to be whut coone for catile When given to Fira, not ouly 1003 it injure ther heath, but Fis of thent in ars and to an extont whech fow therng tro shic, and the troetghs wrashed out hits cas is ar.ng bues sod the ensung morth.
 *ce in our southern pros apees abovt this t. me Whare put neor tud fresbegt pasture, as the to bareat, and the further they are from their no better lad milkers rum dry mithout ex ing any harm from their mile; bot good a reqnire occasiona stripping, and shepberd detier to prolons tho fow of milk than jerruit mional injury to be effeotest.
Wine and tick is sheop indicates a filthy gtate isin and Natures clothing, which ought not to thd of such parasites, but although shepherds Fhe of suoh parasites, but although shepherds wiso with newly weaned lambs and shoran ewes.


- Hy becomes more and more basy as the tempe10eresses, so that the eyjo of the shepierd vo be continuously on the watch, and his boutle ang in hin hand.
fioct seifod oo grean forage at tha homestoad mels mod jards in the fleld, Fequire to be maremended to, as regards pure kater, pure ar anopar temperatury. The excessife heat of the finm nso to ch.limis currents when doors an Ilars oponed, or whon openings are purtpesely - We efect yent flation. All such challitig ourrent hy worded, as they are injurious to cattle, more tof perspirai. on. the reader to no doubt famulint 4hop's fabie of b+owing hak and jold with the hinth. Thus, apen the mouth wride and you dhat name t , and you blow cod So by enlargaf mpent may for ventilation, the elvilimp effects of Whale, thay be reducel, and whith thes is not
 devis may bs obriated by the proper use of ashes F. B. muxed with the litter or epread ovar the


## Fotices to Correspondents.

 Tomalink oure own the orditnary Amperign Thanothy Pimb botraieutly, buth of Fonderfolly socreasod Figour Thate orth thy spiles 4 and 5 incheal long, and the

T
$\mathrm{T}^{\mathrm{H}}$
TA
LEATHER COMJANY,

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## HEENTIUTAES.



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Frinell sod throd with to oes Shaes Hointer tour cuata two atloc, remy for so
H OTHATEI APPABATU

 IMPROYED whd EXTRA ETRONG CABT JRON TUBULAB

 yuakhce Iluo LYCK WIITE



## Reduced Prices.

$T$ ANNBD GARDEN NETTINN, fnt I'regarving Soed


 NETTLN\& for $H E L A T$ TELES, SLED EEDS, KMPE


 quentity of IA WADECO'S PATENT TERRA COITA PLANT 4HAL'S TIFI ADY, for shading Cinarrontonea nid




 at tho lownt prow
 Hell-moting watir






 nnd art well kaown to bo the bast driabed and mone durstie Mowing


## GREEN'S IMPROVED PATENT ROLLER,

LAWNS, DRIVES, BOWITNG GREENG, CRICRET FIELDS, and GRAVEL PATHS. SUITABLE FOR HAND OH HORSE POWAR.


Thoso Pollons possow many ndruntages over all othera; thay are made in two parts, and are free to revolva on

 surpasang any over yet brought out, The Hollers 24 hy 26 inches, 30 oy 22 inches, and 16 by 17 mebes, are also made m one part, at on reduced price; rnit for Rohern of that sige, win be found to answer miny requrrements, ad the kandlo cas bo roversed to eitifer ando of the Roller it pleinstre

Dotimenel Curriags 政w to all tha primeipal Ratway Stations and Shippung Ports in England
TEOMAS GREEN ATD SONS, SMXTHFIELD IRON WORKS, LEEDS: 54 and 5h, BLACKFRIARS ROAD, LONDON, S.

## PORTABLE AND FXXYD HOT-WATER APPABATUS,

FOR HEATLNG CONSERYATORIES, HOTGOURES, CHURCHES, POBLC BULLDINGS, PRTATE RESIDENCES, ETC, WITH
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## T. S. TRUSS

Beg to state that the 1 momense number of AT 1 narts of the kin
 TON and CHISFICK, with unrivalled eatisfartor
 obtaned by has $13[1 / R O V E D$ SisTEM cencot be orer-eatmated, canginting of whe the great adrantugen heathest of appearance, SFFECTS A SAYLNG OF 25 PHE CENT with other syatemat facility for oxtensions atpretione or
 SUPPLIED, INSURING NO EXTRAIS. Coupplat Appartutus, of the best materials, delvegred to any Railway


TWO FOUR-INCE PIPES ALONG ONE SIDE AND ONR END OF HOUSE.


Eath and Gas Work crooted in town or country. The trade Supplied. Price Janta, Plam, and Eatimation forwirded an application to
T S. TRUSS, C.E., Consuzhtiv Hortiguturat Hagraek, \&e, Sole Manteactirer, IRON MERCHANT, HOT WATER APPARATUS MANUFACTURER,
and horticilitiral ucrdeb,
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# GREEN'S PATENT SILENS MESSOR, n* <br> ROISELESS LAWH MOWING, ROLLING, and COLLECHING MACHINEs. <br> <br> BY SPECIAL APPOINTMENT, <br> <br> BY SPECIAL APPOINTMENT, manufacturer manufacturer <br>  <br> TO HER MOST GRACIOUS MANESTY THE QUEEN. 




1st. A:mplieity of Congtruction, every part bemg free of accoss.
2d. They are worked with far greater ease than any other Lawn Hower.
Sd. They are the least liable to get out of order.

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 N Notary


PRIZE MEDALS AWARDED TO GREEN'S PATENT LAWN MOWERS






## THEY AEE THE ONLT MACFINES IN CONSTANT USE AT











AND IN MOST OF THE PMMCLPAL PYHKS, SQLHELS, LI , IN THE UNITED KLNGDOM,

## HORSE, PONY, AND DONKEY MACHINE.

## GREEN'S PATENT

 LAWN MOWERS have proand to on 㑲 beth, and eowntiv ef cury ivien thet hat bem grven in all exters of comperitions. some the fises your etry terre , tewotery, wit? wpaters? therle hat deen durugy the ael f: semsons.

T. GREEN \& SOA
 chire satufotion, athd :s approted of ean of ret Hacortaitiomally.


## PONY AND DONKEY MACHINES.

HORSE MACHINES.

Leather Ifoots for Jowitey, $18 s$.
Leather Doots for Tons.
. $\mathrm{S} 210^{0} 00$

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HAND MACHINES.



 returned, two-thris will be Bu9tred for them.


Bd ORNAMEATAL WIER WORK of every demaplon, Hanng vory atmaion Premasce in Tavdon,

THOMAS GREEN AND SON, SMITHFIELD IRON WORKS, LEEDS; and 54 \& 55, BLACKFRIARS ROAD, LONDON, $S$.


In lmprovempats in Featug by Hot Water．
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## Gieseacer to Jolm sint




arbenhousks cuearelc than woon
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COCKLE＇S ANTIHILIUUS PILLS，

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## TEbSHe Bultirage Ram sale

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July
 Cotewald Ram sines， 1669.
 I AMRS WILLAR to BELL br AUCTION about 100 ＂）＂t

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## HVETAM，SEETEML．ERH

Mr T B．BROWNE doen not intond exbibletag any of has Mhoesp






## Important gale of Pors－bred shorthoras．

MIl JuHA 1 HORNTON Wril SELL by If C＇TIOS





MJOHN THORNTON will SELL bF AUOTION，





 5，Lunghem Pinn in is

> Model Farm, Upper Winchondon, Buek.

TR JOHN TREADWELL hig fized hig ANNUAL RAMS，and $A$ Cow OLDER AHEFP，for W WDNESDAY，A
 TO BE LET，the NOM FOLK NURSERY，














## Sales In suction．


TERE PROPERTY of the lits G．REED．




Importad shd Establiahed Orahid．
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## TEN FACTS WORTH KNOWING.

1. In the year 1813 the Horizontal Tulsalar Roller was mented hy J. WhEKS Ald CO.
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TO HER MOST GRACIOUS MANESTY THE QUEEN.



1st. Simplicity of Construction, every part being free of access.
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## IMPORTANT NOTICE,



 L- piren in compction for anperiarity in every point.

## PRIZE REDALS AWARDED TO GREPN'S PATENT LAWN HOWBRS,


 fIRET PRIZZ MiELALL AT THE NAMUE EXHLHTTIOX FHEST CRIZE MEDAL AT THE GAND EXHIHITIOA

THET PRIZE MEDAL AT TRE LAEEPY EXHIBITIOX FLIET PALE MEDAL AT TH L HSEENE EXHIBITIOA



## THET ARE THE ONLX HAOFLNES IN CONSTANT USE $\triangle 2$

TEA GULL BOTAWHG GARDENS
 xCLE HAXY PALACE GABDDMAS THE WINTER FALACE GARDESG, DUBLLT THE DUGLN BOTANTC GARDESE HRLBOROUOH HOUS

AND IS MOST OF THR PRINGIPAT PARKS, SRUARES, FTC, IN THE UNITED KINGDOM

## HORSE, PONY, AND DONKEY MACHINE.

GREEN'S PATENT

## LAWN MOWERS

whe proceat to be the orst and meried off elery $l$ '. . Hat has. rer Fiss an all casty of nespetteon Suace the first yeat $\cdots$ were introditced (1856), provit's of 46,600 have beon Nen, atid 25,000 of that ntwhber triva the last fite scrasonts.

T. GREEN \& SON scarrast every Mfachone to give entire mbiuftotion, and if not
 suamidution $\pi$.

PRICES of HORSE, FONX, anil DONKEY MACUNNES, inclading Patent Self-defivery Box, Cross Stay completo; arutable for attaching to ordaxary Chan traces or Gug Harnces.

## PONY AND DONKEY MACHINES.





hand machines.


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 ithurned, two-thurds whli be ollowed for them.
 in Figland, Ireland, and Scotimd.
 ORNAMEMTAL WIME WURK of every descriploon.



> THOMAS GREEN AND SON, SMI'HFFLRLD IRON WORKS, LEEDS; and 64 \& 55, BLACKFRLARS ROAD, LONDON, S.


To bo mat oot fas Soptomber Herdy Plans







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 Mihtestono or Bublulo Turs if Disionaire
Hather b
mbickover) Wumber bup
How dhryestel Soolt of the sbove som


## NEW HYBRID PELARGONIUMS, WILLBII, and WILLSII ROBEA.

t'ndowbedly the fivest NOVEI'MES of the arason. Numerous CERTIFICATES and FIRST PRIZES 1 we luen awarded by the Royal Horticultural Society, Rloyal Botanio Soniety, 位
J, W. WIMSETT has much plearare in anoouncing that the ebore splogdid Novelties wall be flanay for wadng out the Errt week in Anguth

## Willoii, a Cuinea and a haif asoh.

Willaii roses, Two Guineas ench. ASHBURNHAM PARK NURSERY, KINGTS ROAD, CHELSEA, S.W.
July 91.


## CUBA BAST, <br> OF FIRST-CLASS QUALITY. PRICE ON APPLICATION.

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## BROMUS SCHREDERI.

## PETER LAWSON \& SON

## FISH TO DLRTEGT THE ATTBNTLON OF AGRICULTURISTS TO THE FOLTOWING.



 monter us almoat all gituavintis preferable to whent, Beath, or Kye, it in perfectiy hardy, and thrives well luring the
On wet lands, where it it somatimes d.theult to get good cropa of Grus, BROMES SCILREDERI Ao Irish, es, and


Ryoramp Hrapls, Enq., of Stopleford, suar Cambridge, tertes, July 16th, 1869 -


 tripolitum ingarnatum, New Seel.
WHITE MUSTARD SRED.
DWARF JESREX RAPE 8\&RD.
FINTER TARES.
Smanglen and Priets of above on application.
20, BUDGE ROW, CANNON STRGET, AND SOUTHWARK STRRET, LONDON, ALso AT
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The Garisutes' Chtomitle. SATCRDAY, JULF 31, 1869.
MEETRNGS FOR THE ENBr/NO w whe.
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Wa have often bad ocension to comment on batkwerd etato of FEGELAALEE PIIYsfologi thas country. Othor branches of botansral co have thoir represontatires brri, but with exceptions thern is ecarcely a Lutanast who
 Ged torte at itn ly ins npplecation of tho prindas of wezctable physiology, as known at the ane at whict bo wrote, to the details of praccal routcone, his reputation in the futrore will waredy not rest on his pertonal contribunse in Whicl. Wo lreve uso the term. The Wht is that eo far as its afylicatan to practice
 fost phy siciais riow o days have bequared a yochees of daspasematua, Thoy are erabled phecertarn the artanl condition of a slek man to Wh tomethillg hext to certasaty what nppearTose will bo preserted after death, They minedrate eflects of the druga they adminisBut when it romes to a quination as to how tose drugs produce the:r peetiliar effects, or as what will bo tho effect of therr prolonged dandustratuon on the duetsen, they aro for the ast part utterly at a los- They cari do much to Lerate, znoro to prevent diecabe, Lut to eontrol tan the sense in which an excellent practical borty of instances, Inite bayond their jownr Thn applacation of what aknown 111 regetable kynology to practical hort.eulturo
equally unsatiffactory condition. l'anta are alyed, ther compontion is ascertained, water theted, the naturo of solls and manures acocetely determined, and what then? We have解results raluable enougi in a chemical point thew, it as true, but we want something boyond an, We hare the plant atsolf as a machine 4schon to consider. lat us explann ofsr meanis an oxcelant Faddener asserts, that lime is soming the fact to be as stated, will any mere What anslysis, of course, implies the desth of the wath) any investigntion of the goal, give the man for this fect in It may' do so, but we venan to thank thet the probability is that it will Mand this becauso the experience of other foratonters, ander different cireumstances, is


## 1 <br> j

another excellent gardener-whoge opinion, an justly so, 18 ralued in the bighost dogree among has colleagues-that the immediate effect of pronmeng is the oncouragoment of a greater supply of enp to flow towards the parts that aro left. The resulis that follow euch an operation are no doubt euch as to render this explanation plausible, bat is it true? We do not say that it is tool, but we ask by whom, asd how, thi nllemed greater tiow of enp to ate amputated branch has been tested urd guafed "Which anp is it that flowe to the pounded part? Is it crude nap just pumped up froni the roots Is it claborated sup -1 if to, Where docs it come
from If you mutate the top, does not the root suffor in proportion" Till these and a score of similar questions are satisfactorily answored, wa must consider anch statements in the light of plausiblo hypothesed, and nothing
are. One class of obschera weresults niml have raturally uchaed to guoss at causes for theso reallts, without stopping to inquare whethar or no they are correct in their sarmisgs. Another class of obsertors make it theat business to search after canuses, and often miss their mark becaus thar aro imperfectly arquanted with resulte, which he so close under ther eyos that they fall to 500 them.

TKe folloming extract from a lettor sent from Bangalore last October will bo the best proface to the sabsequent obser留tions:-

I am brying an experiment to grow Monir ROONS from Wisite Art-NEST Soll, and whll Fend jouz a note of the result. Indications of succels are sppurent. Would you oblacingly publish a memoraudum on the cultare of Mushrooms for an DOW country whers cuthination of them is unknown, but where several nsoful kinds grow in the month of Sertember (ours dampest month I ammaking beds for taul, tanmouly brougrit in. but one cannat persins la
 indication of success, The very simpleat olemenrules would be best in a very short article nr 1 we whal try to apply Westerm oxperience, and the condetion of soll and climate hene. I believe Whe shall introdnce the onlture of Mushroomes in spite of apparent difficulty.

Tho common Mnshroom oceurs in almost every part of the world, where the temperature $1 s$ not so cold as to deatroy the spamen : and there are a variety of forms at epeces in troperal ar shatiopical countries, miny of which are doubt less excellent for food. Some ten or more such f.ums occur in Cogim alome, and perlapis of tho contment of Indisf hat been tha careluls investio gated as Coylon has veed by Mr Tпwaites, thoy would be fonnd to hoscarcely less numerous there. Cialtifntion, indeen, his nint hatherto been succossful with eny species excent tho true
Agaricus campestris, of wheh soreral varieties, however, ripear from tume to time in our Mushroom beds. Spawn of Agaricuasaryensis has been carefully oollectod nitud packed, but experiments as to ite propagation have hatherto faled. Wo are, therofore, somowhat doubtful as to succest in India with other marked forms or species, though the exporment is woll worth 1 tring.
Wo should recommend in $t]$ a firat place the importation of some good artificual 8 pawn, thoumh Wharn not corlan that ot wor lat ritur itg tege-
 varioty from Australin, whob wes put under the care of Mr, J. HEndergon, ond of the most excellent cultivators wo had ever the plemsure of knowing, but its vegatative powers Beem, to have heen lost, as it never mado an attempt to ruy. Spawn, acrain, taken from the field, is fer from being uniformly succersful. We shoukd recommend,'therefore, in preference, the co.lec tion of the dung of horses, placing it in a larg heap by atself, under a shady place, and tarming ther or twace to present at getime sodden po benvy rans of snda might, howorar, dition for the development of ppawn; it might thoraforo, he well to placo th under an open shed, in which case it might requiro occasional waterong. When the clung is found to ba full of apown, it may be reed exactiv hlen artifical STWH, mixing
raninge hareline

Lixperience alone will show whether a ceilar or a shed is most oonducive to completo development. There should be a thin larer of fine soll oror the sphen, and a covering of hay or some other substance worid probably in pozne casea be necassary. Many worse insect plagtues would posibibly have to be contended against, that in ont own comentry.
It woult ine necessary to abserve whether the Furge which it is recikutrad to propacato epmeng from horse-duag from that of othert anmals. $A$ kind of Npharia giows very rommonly on olephant's dung, but we are not aware that it yolds any esculent Furgus.
As regards ant-nest soil, thoro is a species of Podaxon which grows rery commonly upon it, which may possibly be esculent in the young atate, when it nomewhat resornbles young Copmnus comatias; hert wo haye no information
 at likely at all to be enc alent. Win shall bo mi ah please to know the remilt of thas experament and to hato spectmens if aris Fungi appear M. J. D.

Wesare rlad to pote that the Roxal HortiCULTORAL Society's Mancinester SRow bis proved mare sucressfiul in a finameral point of view than was at one trmennticipated The receipts, weare informed Were ns follows July 19 (5*), mot d July 20 ( 5 ( $)$
 1237 I0s; tickete snld previoubly, 112t; refreshment contrgetns, $100 i$; making a tolal of upprards of 1857 l This amount would probably have leen dotubled had the Society recarved that countenance and support from royalty witch it was led to expect, and whoh, indeod, Wha publiely anaounced As ik as, congiderng the over Wheming attractione of the Agroultural Show, the comparative inaccessitbitty of the flomer stow, and the roughness of the lomal arramements. The fizancis rasultz of the Royal Hort cullural Society's thire Fit to the provit es are mare favourable than could havo been expecterl.

## The Council of the Royal IIort.cult ural Somety

 geryices which lio had rendorod to the socment of tho nection witth the organisation of the Show jast herminated at Mianchester.
bited by Mr list prizo BouquET at Mranoheter, oxhí bealy as to all the chairman of the meneral neeting held on the goth inat. Much of its eflectiveness was duo to the sparing introduction of single blossoms of a mhite-fowered Paperatium, eet a hitio promment in reference to the other fowers, in wimen position tue narron recurvigg fritinth seponents had a most gmoeful and chammang luted, whe tie cup was not sull renty 1 rojected to appar obtrisive chis rement, combi wa with the cuoloe charater, testeful grmakement, and well-chosen eolsurs of the other fowers, no doubt won for Mr,
Tatra' bouquat the pontion it mo worthly ocoupied in the prize lista.

Mr. Wilelays exbibited at Manchestor a new Fortu of Todea, which 1.4 to limar iles sarden name of TODEA INTEEMEDTA, DuNetive of its appearance, mheli 18 exactly intermejinte betmeen that of $T$ hymenopuyliodes fuellucida, and $T$ superbal-sulti-
crently to to suggest the idea that botanically these plants may form Dut one sprecies. The plath hed been unported amonyst others from Now Zealand. It has the stalked fronas of $T$ byrienophyilondes, while the amma instead or benk phame, inhled after the mamer of $T$ кuperbia, thmidy in a less degree.


 of MoTTOx-BEAT to the roote of the Vines. The Eallection congiatiod of White Frontugand, Grizaly
 ilicante, and liogal muscadime. They had all bean cut from are liouse ; had all been planted in Mfey, 1806, cut from ane louse; had nil beon planted in May, 1808, jectod to $a$ battem of hant from piping plased under pane jected to $\operatorname{a}$ batum -hent from pipiag plinoen uncer pave Vine, e Royal Muscadine, whith had had no bottomheat, Thourh uader equal orctumstances this litter heat Though uacer equal oircusincas in ripenins rarit? wot 1 month, is frut under the monditions
 exblbted tho other day as was hat ni the Muscats arown in the same almosphere lyit ow th hattom-hest



From a selpedule now bef te us of the Royal
 which to s year colchrates its sremind juth lee, or its

 to tr m Futh of Scptemher next. Tho schedule extands

81 claseat The sttenticn paid to frat-eultura, whell
as plat-oalture in Belgum, is weuknown, and bence the Tourny meeting may be expeoted to be one of the most interenting horticultural gathormgs of the ensurng sutumn.
the meahe se glat to record that on the occasion of the meding of tie foyal lintimultural somety at
 treated tho white of the young putderieri and whingers eruployed in the Rarilens at c'nantworth to the minaber of up werds of ofe, to 3fnncheater to see the exth, bitious
 Socictellotanague in Franter of the " liulletas do in deserner PrCTENATA The troms of the plapt in quention had attamed a height of befwore 6 not 7 fost Tithont producing frefingh latarel but, inch The dianciter of tho frunk fabout an inch the top as it the base noarly the tame net tho mapled by st intular ciectrix, of Whach there are imtang. The learen 50of the jear and of the preoeding one. This conspratit supprestion of the itheral buds is a vory ginplont What excellent hop-pole reche twe weld men
of Tound that mane
 Gavima jozis wo have curing Barks med sheolmen of box pmtendedl for rastlog or forcing amy hids or seceds plant of ruthrac. mudo of ordinary poitery mude of ordinaty poiteryFare, of ant requiped tho bores is made tivhty to box with exe niqutiy Bloping, With s growe 13 fittel a plito of plass is fil bo nencul to thonax mil we ngecial to hoore who hone pot foroing-nit and ther will bs fored targion asion whe tored sarvioo of chotes stods end cut tingo withatell glass botilid. mex. In primerple thor soot nearly identice? with BNEDES's Pfant Prow recions. The valuo of whim tnvertion depends to sorte cxtent opon the rost st nsa cormion sued-pan with
 the purpose equally well).

Now F1atis,
 Patimin inxa, scracila ifzulatis acestis margine repmadulounduation petale salmoquar quo anpulato, antlee rerif Totml ctum geticulo, has qulbque lamellator han in exlornis abbrevintls, fntit Bin longioribuy nutioe vtitr int col utarye intid cy

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 Hertati depockst vitrinrane por tackits trienetnt, monophsill Folfo orlonk inceolato



 Iniss it










 Itapmated in Oitobe wir in Ar dibuntry nurnery. bolore the arepacio of last ycar at South Kena, netmo specimez bolortmo to tr form Commition, the

 (bloody beretth) allidins to the to the trom tathe

 o. 1 l di Bref,

Iino Cyzilpodio glandutifer


## 

 Li: Nats a yatyerar t
Pailin l-at atider




## 




the most mysterious tale, which Fere certanny mot I mansised in oddrly by passing from one to s nothor. worth yi doubt true ; indeed we have been told mach more rfirfing thengz than thas. The foet is, that the Ren Mr Parish pat bis fingers on thla cellebrity near hie simpien frontiers. as lie camo from Burnah we zreely the uk lee wnull be anstous to ind mate the exact manity luat now the mitus begin. Yir Parish wis 18 the compary of one or of two accortline to "W W| $\mathrm{B}^{\circ}$ ) or of three, or of four, or of a herd of eleplants. Ant Theilhar onic or a hred all suthorities sre unaditious that all the olephants had loads of Orchides, lote of new and 2z, 1linalxapopsds, Aerdes, new penera, numberiess lupdrabee, ana our cronpatium Moultubeen the auimils yot ill-tompered ; whether Houtlumin the suime got il-temporect whether
 have been the case. Now the elephant, or the elpphante, throw off the loads ind danoed gither a faf sel, or a polka, or quadrillo, of 2 grand ballot dences, on the poor plsith woh a derastation of the most wonderfal inateriak, and thoukh wo hate sean many laugh at the fung ale, wo my add thot if must have been a wer molaneboly sight for the collector to of such hard work detroyod, particularly as h is arush sta ardent lope of ood ptants. Afther ill, the arsctureter, troo had spent wo hatr, a very lony ime durink histrip before he found good thancas ated but Fery Jer plants We beljeve we havo seed neariz al The stronkeat nant was M. W Dujlers who sont it to Hessers. Forteh, a rood speetrien 9 at hew Gardens, one Wo हasy bomo tire ago at 4igistumbd luncker's. and whe beleve one is in thy ] Gwionian cullochan. We are indehted for this wenderlal plont to Esu Wre lins to thank 3tessts. Yetch for a fresh fiowar and for a very mall executod seeteh of the whole jlant. Tho goselty us, and yet it aume quis
 Rebl. fit.

ON THE IMPROVE MENT OF PLANTS

## AK:

 TractTiond at tho Mrmelsemter Com-

ThRBE nere two $1 \mathrm{mb}^{-}$ pertant methods of procedure opon to him who may wish to entage iu the
 analler, and bent under the ovary, so that the tro eftoscobreeditig. Whe fist method, "gelection" is
 outside. The potals gre linear-lugalete, undulate at by any one who proseassas or who may acqure the









 nuargin Tho st, Rhape like that of crymped ato Irowis, but the netals are diverging, pendulous The rheif feature of the prant lies in its benmationo or three pronituenees on you like. . atreh dectratiag. Tae o bly siacteripueduan mili
 notof Fallich ${ }^{\circ}$, Rampliforim, Bl. 10enthe 131 blim,
 etrapht leavog the ntsim node is anut and speres has ree sharter and noute. It came achte and tiro potals and may haro bron isserfored by ron New sulnen,

Old celobritien in the bot witia 5 a ruthority
 That io tha ot of cirnian grizn do mythical tale wir plant. Its discoverg gave ongia
acolenta, in pursuing than latter, we start wili wocrplum them we labowr to convert ando a fiset: To
 aimetre, the matiod si more suatable to cils habota
 hybridisigg or cross-breoding ars ugnally more me Fitmp. and the results mure satusfictory T'o bot methody are we larmaly inciebted for improrements hat vegatable kingdom, and it would be fxrectavis dificult, pertiaps impossible, to $80 y$ how muin mew o the simyle procass of relection, and how muels io the It कifl he raxd screntinc naboura of the byll dist
 nouts hy hotil propesens, urawing os for as fracticable, Fon my curn ohmorralions ann oxpermonenta,
has fial t that mast it Mre, known to observers in blante.


Thandiai of sed, and se bome cases soaroe azy No d the roung planto whick arise therefrom, prove Nath hatiml thare is a difference 10 sise or mimas ungaiy of propros or developinant. It 19


 wivg py pursertes at soll than onthers, some ara of a deeper rol.ur, תuld 1 gmoother aspmet en 1 maro rounded forms, The the Dog hase thnan cat. nes , wa anolier otse 1 na
Bramples of thrs fact are, howover, flentuful Bamples of thrs fact be aditueed nuroost with.
 Hen that sions masit butiraotive forms of thase The adpanved Lyohnts, if nuglooted and reol in its native wilds, would probably proad for the most rart e matrar or anferzar to
 the improvemeut mould probsbls Ro on obecriate further the prineiple and resuits of ming in h.s Wheat-fieldy some individunl plantiof of Etoutor, and fuller in the car than those by
in the the

 ayan. from year to year, those most in advanca, be
年 lim or many, until the vanation first noticed has

 thoce on the line flirst ludtorted, und tho whole draw-
 d, son if tha indivdrual planta onmposing it wre or marpoces. In this instance we have nujposel a case


119 Jon, pa $a$ rust that has stiod the fros , damaged : he selegity tha Mungot with tha too murlt from hins land, tho Turnin for the too murlit from his land, tho Turnip for the
otstavalyg a larduer raje of this valuable root, until ho fixes the rocognosed and covetect
the agneutine st so with the market pardenor, odicioni solection of the indithatit plonts from wist the saves hys seed JPryaps halfra-dozen of the Wart and closest keends of white Broccolis are selected
tuang acres az tho source of the erop for the aing year, and ot iner vayotablog and fowets as Thatsame carefth yiroctuss of selert. on.
countinue our sred-krowers work on the same ziple, althoukh in wace of leaving a fow ouly of the
a tob quantity of sfed they yeruire compels thum ation quantisty of sted they roiluire eompols them a, and the value of thesr rrop of sceds 1 s , or should tin propartion to the tharoughacess of the eelection,
\& the the yrowers term it, the printy of the stack.




* becausentionally beheren prominerco to the ahnes farmer, markict pardgaer Whed kromar, whatever attention they may be - improvements ohefly, if not entirelt, from Woarts part worlisig horticulturist lias bech for Thoratis hase however, I boliove, oven with hum, nhountiy been but littll hybridising or crose-brsedink th funts; an 1 most of aft, aud for the forgent Tho with lower
Furection tarels nowers whiry I laspe improved Pander, Paraley and \$ruage,s rimonta.
Thecting for segt alm or two in: Fiod plants hayman p onged nuy fanmy The result whe
 meals sprouts, the seed of whiot it wen considered ha tha nin thoos daya to import from the Continent,
 ngank velerthors that pare to the Comimental Ae Ater wes the next planit
matin tho same resultz. Stocks, Pansies, Focsers, Cine
 Tho IIolly hork would scem to demand at my hands more than a pass ny worid To the Irojuruvement of


 Kiern of tho \} Notw, ind lims of
yellow itowers, ana (har es sasron, mutf of, inn nido a gmooth yellow flower, gave yellow flowers only, bright in oolour, bat rough and 1 reequi of roong derty whites. Lady liranklın (deon punk) reproduced itsolf, and niso gave sundry faod roos very tina brood of peach colourad and pask flowers Purnle Deflante (ptriplo) pave a rough lot of purples
 hoyat torearu and chocolatel pave a yough lot of ditty
 varying ins forme Celasi al tbla
Ma vino (s fine crimson flower) of superb quality. Mernion is fine crimson flower) produced regularly fiowers Omar Pacua (cream edged mith white) ropio duced itomof A purple seodlag of gond form and bubduced itcus A purpe seed fage blush-mott ed flowar of very ind ferent qualits A salumon-coloured seodin of of find gunlty prue flowers of the syme coour, but
 quil ty, ut no cramson. A white-edped seedlaggero fine rosy peach-mfoured seodling gave rubbish A nan-ruen-coloured acomling reproduced itself almost without variation A pire trinurose seadiliog of very hiph aralits gave some primrose-coloured flowers and some A Fronch white velned seodling pave a lot of protuly A Franeh white veined seoding gave a lot of protily cape aldo womo fow prethly veined flomers suong many very roash onos, of the co.our of the parent a fine intree seadin ons gevernor quality.



Fathon, and twas fuily ripe for apporement With the xpermanted on by claver and rndugtrions men an Franco for a number of years, and doubtless I wos bore traverfing tratud whish some of thom had
oxhusted long before. However, succoss here has
 cove occhesion wion forlunato choukt to becomo the
 jonprovements the has intiod from my nurgeries me

 tho forty of readeriag it fiore syatiable in yprod Rardomng Four years ano I socented cartain coloura from a bed of muxed eeedlings, witm tho view of saring the seeds of enah separaiels, hoping in time to bo able to reproduce each colour true from seod. The frat fowng groduced all colaurs from atach warzety, and while subsoruent sowniss bave done the same, yot ceoh buccessivo sowing bringa a larger proportion of the colour of the prarent, and I do not doubt that ultithe f trun tu corosar irom thag seed.

 most marked rourass from a cult, wator's po at of vien seems to oceur whon the varration has boen como littlo time under oultivation, but before it loses tho extris visour not unocmmon to seleoted varistions. A vaso vilfour not unocmmon to selooted varistions. Ander my
 otiservation it is that of $p$ ant of the Prmula sizen-
 onltural Socety, under the name of W allhan White. It is a mhte-110 ened varaty with Fed lesf-staltes the Jea-staiks) The growth is expeediagly vigarous, the plant boaring a hage pyysuldal truse of large pure white flownor of greet subelanoe. It is in fact, a gisnt among Primulse and s inat of poodly and fair proportions Now nothing could have boen moro anpromasiag than the orimall variation from which this grand result has been obtarind. It twas ocisse weody-lookiag piont faurvy mugh misanapen flowers, but there were tho distinct featuras of oxtmondinary yigour, and the red lemfotalk, The first yenrs' soring from this plant wod more sariution than improvemint the onend mory barpovement than ramation, and now, tho fourth year the cluaracters nbovo aesertbed seem



 meously, and are of everydny ocourrence, Bet thore
 from seed, and I class tham undior "seleotion " bectush the piow of riving a turn to thationily atep in Fift
 indues asports, but cultivation is not detiberately pursted with tligt object. $4 \bar{z}$ an example of those we may

 first afort at first ofrorin at improximk tha luver wer and were ina ca by and braner adi inwor or whe isourbon hose rogerpites, then receatly antruluced, of oxtaoramaty vigorr; the Howors were arker apd simen luat inghter in colotir than in the original, tho leaves were of a lighter grean, maps abtusi, ata destitute of the customary red In arrod and ted colouring rutad therr broumoronce. This, which I beliove I sth right 14, spoaksog of as s sport, Has noverticelegs not a very thariod example of this
towdency It wiss mitivatis -eparately and fixed, but dud ant depart austaibent y from tho omponal to be




 4arpr on I repe, Xad it frim Frimion unior tie nome of
 fistorg of Lefina lyulans an recarved from Eranoe. I yat know ibst st with dentinal with my giont, and I thimin It if reasomabie to conclude that it originated in the ancus why. Also sbout the sans time I obsarted a braneb on the Rowe Dr. Mank, produoing ltaver finaty Atriped with gold, and a branch of the Bourbon Quaen, with legver begutifity varitagited with phitb. Foth of these pports werm propthated sad faxod. Of Rosed, the A Loss group is the most suclined to eport. I beve,
 of the Mose Rose groming on the anme plant. I have seen the bqroume f'revost, whici 19 naturally il double roze-cuotired flower, prothei striperl flowers, and
 White Lowe, produme to aran", beannit bed flowers
13ut the most notable recent asse of the tendency if that of the new donble ctimson Thorta and this in remarkato a an hiving heen ghzervan in two difiomat pisces shont the sam? thme litanot be told, how the anme sitook lis prartatulars of ons engo are is frlivin - A treo of the double purt Thore had bure folkys - A treo of the double pliti rhora
pantut diways be fixed by s siutile efforth whuch we me the muss of seedliag planter rasad from eultivated shows furthar that \& variation once obtatuch, rew kround once broken, often
further vartanor and sdyancernent. Brat of thas I shat givo An example by-and-by Now $I$ do not thans that
 inetrumontality progery of so we variet wos paried but slightyy throughout suocessive tminul shwings. Wherean ibat of athers
 derciopmeat, sitne are more Aporktre, and Ronge zore It witl be furthother
 rogeny foryers do not slway prodruat the finest borated in deslang with othor planta. Cortazs indinadus sorts frimishl a fine hrood, otheys, mppareatly equally good sorte. an indilforent hrood Someimes a flower or fruit of andiferent quality will
 almat, beget with cisl cibtios, an 1 nilers a fine field for obsarvations and experiments. Clysex "pt onz Lo fit
 speenal kionsledge wr mand dn hatter tame work
 Fow and then \& variation, peculasily fitted fis the namad Quegn Viotoras rained by the lata Mr, Thompson, of IFor, proved of this charmeter: and mom revent!g thn Roaen Général Jacqueminot, Jutes Mier-
 meriod many moro good fowers were ra, zed than from

 [ have mased ming turnisands of seodi na ] [als hoekr, leges, anam inarzonams. ant othar p anta. moat sdrancod plantz and flowers without sny inttemnt to aroodbreding. HF facosss urder this metliod of proceeding has bem dreafest with ILolyh herks as cond oldimit one timb (abotet 1807 ) the finest Hop?
$\qquad$ I therer
ome for
tho rugu $\begin{gathered}\text { a } \\ \text { long }\end{gathered}$
market contret to thoeb on khe luwer patt of the treo． and more deaply lobed．Foupspplentr wore propernted from this bran ，by badding and srationg and the
A fow worde with regard to the fixing of tariations cloes this part of my mebjeck，Fe lith that I that varistons or sporta my mebjeck，Fhen reproduced from need，
 thery will probibly be but fow lile the waration，but by suooenive ropetitonat of the procen of souriog gud eleoting the Frietion is at learth fixed．It it thus
 read ly propagited otherwise than from meed，bave bew from tho leat－bud as almost certang to prooced Fithout interruptign You grafl，bud，or make cuthnge of the

$\qquad$

## Wome eorrespondente．

Lere Phodededrene－herme marcrunt of a lerte
 mods of and growing on my lann hara，It ta Hod II foot 9 juchos hach．It it a mass of bloom erery

Difaste of Corrwall－People greaty mutalin the











of the hemming bird hawle month，rhinh I hove het virinty fo found．Thus is inore imily a mioth，mon
fobererkind than those of Lho day one．Itsdim are of tre extraording spthed of the Fingas，fully it tuoben
 dua the body 1 －baired acmos with brown on a sircilet groued，It has a mmbosois ile that of the day parisity of
 tooths have been obsarved by otherg，and also whot

The Fegetation of Jow Zeatiani，thaugh r rhand

 abounds in plant whioh are in somn why or nopther useful to tho zatives，and th．Tras more espectatily the


 they both an the rim and sooked wated beithen thay
 dermble from the florat of tho haver of C，Andivisi－ Tery stronk and heary matr，used for olothing，meman Coriglimes oseur in a priphto lottor from an of the dent in Net Zowlabd．Reforring to 自 speajes，the name hove caltivated it siace 18＊s，aud hise now 10 － palnts in my yor en bere（Nimpier），but if has nover 5 fost bjgh，口early Tuls strught，with bur much stibother thatis sty of its congeners，proingeng both EmW hatily whea thker of and planted out．I parer on old nutive cultivator is thin a 1845 I obtupad from old nakver gentrally krow it weil，and haro ofth whe bon wh forden apred me for it to mook and eat an over it！ 1 have treqwent iy inptom of hanath－watering
 patst，like，ellan！many other of their maturn produc－ dill or mas to be found at Maungatoutave hand it is Whangaun，！found at Maunpatoutau and at Upper


 1－s foth，then throw out suckern，se，then the pareat
dies off．I heve ofloa bud datubts as to ita being really

 kown and proved
ood long teg－roots，I think I know of six，if mot me wers



 reoognis
long，paviole nand stem 4 to＿feo，llowers $1 \frac{1}{4}$ to 1 íneb its origand habitat，it koops iks oommon mize whioh， bereve，is murbiarerr than the Bas nf Itarde plant



## Tall R，Jacknon Tew

Honstiden，－A fow words of oxplanation seem to be requtred from me，in reply to Mr，S．Beven Far，wh

I buva splajoed my mennimp，ha wid，I tbug baitiove that our upinions do not difor murb，our difference the lorm bonteyden，My remarle related only to
 o shondmat this seas 30 un upon Rose and Ctrreat


 ment，tre sjotted and speakled，I did not mean the conaional，and much thore rare sad limited phemo－ of which Mr Pox speak．


 hoongdew It confirashion of what ！here slyanced and by why of ane to to Itr JYevan，I will，with fortr －Kumal Cyrlmpsing＂＂Thert quotilions frum to

## ansert it to be extrayneated can untara of honeydaf

 tolopiatis justiy oxanard bongeyden as a thing of only one uhstanco fry and doly that olear virnid mocharine





## 





 popular deltation that it common dent

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## 


 drops of honcy were sikuated berouth With them these insects，I observed thems，and on obsorring
 than spponred s，small drop of on of which thers
 drops that thes th，t．ws finvour puth what had berore fallen on the leaves．I afterwards say the
amaler spepin of wine－frotters efent their sirops in the
 of indtforenco to the inseots themselres，that it seenis
 from deakruction，for prom big En thary＇n，one upon and readered inoapahle of stirring＇The drops the by leaves or branoben the ETMand if irt interraptod remain some time unl eats shone mulh honeyder dindor o Lutme tree，which

 the leaves till it became protty large drope；but I hate



 Les 48，therafore，truat that our great Grape grower
will give 48 fow


 Grapes ars growh in hidh perfection．In say soi hidaly ont of we（without nimpure）as if they loved it How in it then，that Mr．Cramb does not succoed in growng Grapas in e calcureous sonl，and eren utters and truthful，that ws shoutd like to heos more from

Fe．EDS．
Jetty Leor Pelargoniam，－The Jetter of Mr．Joht Stavens，of Ealing opang up oue paint that is coarev thor imparthal obsarvers it s like mamer．I refer to in his posebession．I think Messrs，F，\＆A．Smith wert quite Fight in ghalleagidg Byy Fariegated zonal Pelar－
 in purely local pame，and Fery nulikely to harp I believen I as arim richtingl dengation by Mr．Atewena
 lury，of Bovoin Val in Southampton，and mumed by hem in honour of M vis Jetty Lacy，the daukhter Matior Lagy，of the Orinsace Departmont，Noutharap－ on，Major lady having et that time filled the pods

 I ver borfore bagit herrd of outside her ova circlo

Liate been diven to mpleri by a parson mba in
 nome tho，be it moted．Aby one con tanderstand iz name of meall known prblio oharaoter whores d in
 Well known that there ars among variegnted zopal



 la from the f

## 

ryir
ell
tin
 ark or Mmary Fir thintion tis Lacy and nolbiog


 thought at the time bore come resembinuce to th when
 Vr \＆，Feng name wes not naterlinet，Which would



## 



 sean eithar Mr．Stovets
tha Botanic Show in Mr，F Smith＝4T it and $\}$ ，is to the case，and requasted the favour of Mr ，Sterems to Thia digposes of notich ho quietly deoliced t d
 jest，and
proper Hame aro by right of prionthy the oblatre Hatreof，sud thes ride is nevor wisely or ustanl］y brokent berten in quatiey becomed old and ohsolete，by belng instance，the public will be curnots to case in this motipe or reason led any one to addopl the propedure of or sterens．If hiv plent whs better varisty，Finity nforior，whioh Ione rould deter any but laid win


 provious to this tro oocastons at least this gangom provious to this，withont producing thia Iotity Latoy， Weuld hive matrialy betped hum．Posintsy Mr．
al strnction $n$
THE GARDENERS CHRONICLE AND AGRICUTTURAE GAZETTE

## $\rightarrow$ bes but theay sequared thas jlsots but he di hs rot boen shown before under another

 4 Evit The Nifleries，West Dulvich，SE：Hiy Jo Poutas－About the ren of March I aill of these Potstos planted，and nearly o fort－ To the prodoce was dug up，and the yory good yubld，ao where think，
 um ziss four of the largent Wergharg about
 math mame Anbleafo．They were of a delicate dined to the kidney shape，and were watery pooked with some of the Royal Auh．eaf They were wiale and flowery，and had
aproved in texture，but their ilavour was and iar inforier to that of the Ahbleafs．The Hose Yotato ie at lesit throo woeka lator thin anu the Arbient vorieties，so that on Fongland it ocinm to be cslled early．It is，however，a very Kidnoy，or Lapstone－tha finetst－sheroured tity kown．In Amerioe the Erly Rose Eken pulfed to at on
bypurmant of Beans In bad Bean yeara the thons ns low as turee，or cven tro gruarters per acre． rwing nesry the averake，five to good comp，nod as 4w mover or less defectiva Bong years is cause of zs fal off，from ferthisstion not havink taken of apile of fowers in the axil of oanh Ieal，the aight or tod anly belag barrean，shd th
 suchas of flowers，with spparances of more，not
nuil albore the lowermat butch besing burron －it a follows that the barron tops，seen when th sistem lot having borne flowers，but that they are h．Any expedient which would inorement the vigour Ang expedient which waudd nocelse he nigour Enowth of the plant wouli，therefore，it maill be Sean yeary Prom my erpariments on Hemp， Hit be effectod in soine defree，if not to \＆great by selecting a plece for seed，and outting of
 or nee

If 10 cutting of the tops too fow bunchat were left，so that the arop beomme mitarinaly
 ad texh to what extent the tops should be cut shouldi be doae as soon as posatble．By thía
 ree pods on y are Ieft growing，ooonsionally unty arge seedx，and this operation baving ingous platit，less liable to alootion of the
 go on 10creasing year after year What
Fould be after 20 years oxporiment ould not be correctly conjectured．B．Clarke， ing Fernom．Hampatead．
aning under Diffenlties．－As a somewhat of your readers ay beund aned to direct the fonking Scarlet Runner Reans tatitaro erowne tif the open outtings between Sloane Square and G．They are planted the matropolitan District mquite 20 feel deep；in fret，on the same level
lev Invesion．－Last Sunday morning I was dy the agpearance of an old enemy in tre one to porfect our pational dejenced but jutte der，can bo actomplished by way of runnang a ande point．The broad gate of the hespens on Sonday，Wathrout intermission，and more or aroghout the whole day，our enemues，the fseen， the earth．The who．e iniz wan filed gith them preseuted the af：pearance of $a$ rapid fall of tre of midges holding high matromonial carnifal past But wondered that the column tid not hang therr than I wha thiolly costed with it ar greenfly or aphides，No place was too
for thom．They alusterod and peareach other over the whole aurface of my dered hato try eyes，crept pp my nose，and ont a marlestly for a prosage linto my mouth．
 Fity of sisd elothes altite mony nolled proofs of the

I nm now of npin on that，in

 thank greens amelt，and conveyod the idem of being，wood muat be remored，the stroag ripened shoots betng

 through them，at $I$ bave geen a gent furn th－day
（rom a diutence of 10 mules off，and the flies were

 about the height，At is junprastifhe tis say any thing fooltive concorning the olayation of the mase．An fer an nothing eloo The denstly of the living mass Fariod howaver，in differant pledes．They segmed to me to be
 seerned to walk upon，an it were，the trough of the sea Is it wers possible to walig sta uxiform level over the surface of the rea，of course we must puss through the greatest muss of Waters on the arest of the waves，The armage－ ment of the aphides remizded me of suaf a morie of ptsaing tbrouga wher at lumes tho mass wes so dense that it aeoment to ntorrut $t$

Thers was but tottle wind，and the aphides seemed falling towarcs the cartu at ahoutt the dival surle of a smiliter crourd，efther of young ors or sediment of sorne $k_{1}$ ad，whath produred an irritating action upon the lungat Towardz ovemog the annumerablo busts of no Wednesday bave any returned．W odnesday，railn has begna to fall，and ut s to bo hoped a heayy shomer may como to batter down theto wolumns of ilias from thieir weats on tho trees，corn，llowers，fruits，snd green erops Du Mondily morn ug if heigan io lorok out for tut fort of＇them anywhere，zuless unon the young and teuder brauches of sach plants．But Iste Pasas are
 not a leaf oot atorn of branch man be seen for the fles I hove tohacco amil clearl whtar will kill them wr adeu to all lato Pons．I fear the Turmpa will suffer much if not immadiately sprankled sith soot or sumer much日月2seous mistury After carefully aramunay ith surface of the earth and the plants，I hsve come so the decsion thet the fly storn was in sort of perpettal same flias fell and rose salan for mang times duriag cont utanee llud it beer ollerwe the whe w tha， h hez have beon loded mang paches deep

and the whole of the thes were of evird sten hke the choicest，greenest Pens．Couid it be that tho the parious deareat of de solivity，the axoltamant， apparanoes，of litht，fefemeri zs if all the aplades in th world bad come here to summer I would hes ghd to herr the api and also to leurn hom far the cloud of flies extended and the beat remodial meanures to diopt ngainst their
 was just auch a plague of aphedes before the oholera merely a conncidence，and by no means the ratist of snch a disastions effect．Such an invasion is an plague ecougts of，sud 10 ittolf，without befog looked uposi aB
Dasylurion hathus wore．1．Fuh，Mardmed
Dasylirion Eartwegianum，In referebee to the lotter of Mr $J$ Yerschalielt at 17.00 ，beg th ioform him that Dasylirian Hartwekianutu flowered in the hoyal Gibrdens，Kow，in 1859，and was tigured in the Botadical Magazine＂of that year，tab，5090．It 18 there deseribed by the late Sir W．＇J．Hooker，with
full particulars as to whemoe and whon is was obtained．

## Rose＂The Marshal．＂－Will any of your readers

 bige me and may others by telathat us how to prow tive fiose Marechal heel I remember soma two genrs bince a controversy in a coutemporary on the vernoty，it is tite morst introdpotion of late vers， Further on the seme correspondenli addg＂－＂This Bose that olase，What is this oultavation is $A$ lorid！ To this queation＂s． $\mathbf{R}$ ．H．＂＂indly repliesan fol،ows ＂Havidg grown this magnifinent Roso 1 n varlous situa tions，sotls，and stocks，upon wells，with anpeote ensi and south，and in theopen gatedan，in light loarm and 20 bessy olsy，upon she lirar，the Manetti，and Glare de Duon，ntud having realised ita galden plories un every are made from tame to trume chat the starshal is an ansters unuppmatable myund I boliato him，on the oontrary to be as penerolls as he is handsom，on
 deido ured most gurekly arul certanuls from the lirar hure fine tlowers now unon stoans whith wera budded ust 12 months ago，and whuth will be strong larye trees in autumg These will bloom abundantly nex season，early and iate．The grow th of Marerthal Nio Bram，nd it requires a wall to briot it to upon the Brine，and it requires a wall to bring to to matanty hen once cstrbinhed，and with tals adveriage， Whonls prot sily heen this equgunt was one which I exhi－ Fhich I have seen ths geagun was one Which I oxhi－
bited as Nowarl．It was grown upon a Brigr，budded

## The Manchester Show hi repporter prive $\pi$ linug whorter one frmm one why lat bectit toe of or ir chitef

 Mandhentar it wha smply a big muddlo snd a bis Royal Hortieultural Sootety，with that perveraty thal koep aloof from this InLernationa．Exh bition，refised Were they 1 koly to sive themaid after that？and nivan they not foand themserves simply in the pasit．on ofthe dox and shadow？It 1s，moreaver，to be rumumbered hat he spriag，into whicla they hud tben throun thelr hest energios．It seems to me ibat the Council of the R hyal Iorticaltural Suctety lvo ro a rery elovater antio phere，and do nut really underatand the practical
## tisilty to the dish

##  <br> question whis＂＂1 proteis akil it supthen to be

 tutterly impracticab e to britik hath part．ea o lahe thie ame vipw The divergeney of of mia and of getion consequent en this state of tho nes was，no at abt all tuo uromptences was not after all so baid an＂I＇s criend mould have us believe．The names of tite prize

Orehtd cniture－There are some very ghod remark in Br．Bullea＇s fetter an your number of $J$ alg jo，anc whach will bear repoatray ile sass that 16 would he a great boon to loyers of Oribidw，if growars would publish the resu，t of their experience wit 1 any par－ ounr prat whiria they may happen to cultracto wated for all kinds of exothes that requireany ski at all in there culturatan，an it that the smat eat fact 18 their beheviour under cultivation if worth more than pate of theomsing as to what they ought to rep atre


 in aluost siny house you try to grow ith whitst tion otbor is only induced toltwe with the greafoot dufficulty，and by congtant gere，Of oburse a tnowiedge of the climato to determine the sortion of erparimgnts is of ase iftorder sucueed in cultivating exp，but menta that aro iakoly to repested that a knowledge of what suak a plant under oultivetion comes oniz from meltal experience，and any facts whish ane the result of experneme aro armay Bull
Bullen ${ }^{1}$ ．Cotter in therefore very intarest，onд，mipec＂ully
 because certain Orohids bear frost with impunity in their mathre country，it is not tierofory corkain that ney will do so a on the otber hand 1 it to be asiumed that，beesuse a piad hves in a constantstean－fath in itzown country， rience neagsarily requite the same here My expa rience in Oreh d growing is but small，but of those
that I lave tried I Gnd no two kinds alike in what suits 如ern．Shade as commonly preseribed for them， and to many it is sosolutely neoesary but some delight in a blazing sun，and many Ferns da so alato and atmilarly with a dry or molst atmaghare，und psrticular lifforination on all theso par ntsi for rach partioular plant，and ia a great many inatangos thia is t John＇s Wort and St Peter＇a Wort－From the remarles of your porrespondient， Mr ．J H abtom，whoi that he believee Hyperioum utypciaum to be the only pant enferped to under the na ve of bt． 7 lonn shint gomatatia for，at it is now called，Symphortuarpus vuikarib）＋An these vians appear to me quigetroanable I theve been turning over some Herbsis and other bools to 800 what I could find，and here is the reanit．A Herbal of tise dats $16 \mathbf{s}_{3}$ decortbes fiFe dafitrank kinds of Sk John＇s Wort，atit bolng specters of Hypencum．In cinds of Sk．John＇s Wort are deacribed Both the Forks owdontly apply theme of Puter WTert Eypericias quadrangulare，whith they also ndarthe
 ratum sis tha St．Julin＇s Wort，commenses it deseription of if quadrangulare in the fo lowitarinut tertas－THy bt，Vehers Wort wroweta nograr gitu tronger than the St John＇s Worth arid graod reasor han a agic the Pope else，for though the Lord would It hatin esquare stam，＂\＆\＆Referrine to mer opitatan． It hathin square stam，＂fa，Referring to more modern mosks．Fini Mr Betthitm，zud also Blessers．Hpoke
 asma of St， 5 ohan＇s Wort to EI performame while


## F'areign Correspondence.




 Prative







 prement yeur (ta68) $f$ em fotrful of trasplising of




 Alyan The ranilinder of that pplendt1 erpup of
 in it puhliaties in lati, whete are of torusome

 roprof interatiog plank-: it:


Spelite, it it an a Sat /ime inl thault the




 Dito.te
 Liburdm. R.asz a Knwak Given under the
 anati. put down at is fort, whould be trom of to
$\qquad$


 Nom tran 11,







 modes (Tatale) Prasa creviforat (Horoptal Athero
 of the that sh tmond ( K larkol, Sappleyert theme of libe thit sh tmope whinh withe wo to bo



 in the Kormerval ti, thelh of wh It hal




 the pat to pern in aly farther part! i.





 pleten Jene, $\mathrm{Hto}, 1$ 山良
Phen th thm fret aumber of a jnurra detotedio in 1



fatit th 150.]
doviders. yind P. \& Zurn, and if it mects aensany sopport, of about eiglet shicets of whart congilt an or are pates. The papers
 line conideration of sur discaves as arc
cither the rot ally or domoniratls to

 nrit sill gisyl to exe thosa wrews well dere oped We




 gober of zmsyll comm thicitions gathered from der yidthon formation of seest, notioces 1 ublucations, and fivnlly iulor

 he hre to object to o nomenclat ara very if feren


 midicne, wa must have something liko demor auce an 1 whille we have nothing tetter than suo

 fat his rubutho saliciba ts the sume with Capnodiu psed to find on Fir lenves. The figure of the compten Montarne, and is sndeed different from anyth ng



Wects in cq Iestion are referred to tha true species.
nk it wecessary to make thess observatitus Hlier s copelusions as jokical, whenout dat restication or nosurate knomledge of the organicms question ${ }^{+}$We have po wisb, howeper, to say a ond akannt tho joureal un kencral, which contains a Put tieal of mivabse information, nad is a welcome Fintwe ndeed o guarantee for this in spveras, but thainy not 10 all the pemes which are grieu es licely to be conlributors.

## Florists Flowers.

Tre nem flor sts' Fhwets that came under the Frifibt on of the Reyal Hort, cultural Societs, at Wit ow things of speccal excellence, sud thewo from
 Ented, aud hy rottiong of first-class charartor The Honiag Firat-C ans Cefl ficates were aworded -To Puargon.un Impreratrice Euget ve, n fine and dastinet.





 Brase whict wion is varded a First-class Certificato





 rates were, Birminghan, for ferbeasas Butlerfly and
 Mr Perrs's reputat on as a riaker of new kindo, with small hanto czo un rcled by a rath deep maroon y.ne, pip and trush that, the furmer ta or a tarm ane
 it dast net and lims rafiety bunif others were aiso staged by Ar l'arry, but they wang doud bata Tho Fornl Comernteo whern rit Kanchesker had to sontend with a wery basi and deceptivo ligit ia than frutit tent, in which the new things were ylsyed This mas somewhat strikingly illuatrated in the forma of a now bedding Lobelia of the Frinus apeotosg soctiga, Mr. Prico Under canvas the flowers of this variely had the



 supply in sery pood whito hedtinz I ol eltin Soms new
 pale ground with large purplo centre, veloef with dath, flth a flame of crimson 12 thic form of quarters a flower of ling shape, and sorpownat nove 3 Itwo new In the way of Pisrys luatterty, but as ghatra, not sich a foblied lower. ard airs, stappes, dark cerise what hind gearcely had jutice done to it 10 the way in wheh it wase paxhbuted
Prom Mr W, Cundagham, Bucton-on-Trent, mame zonal Pelargonlum Admiration, a very bright tale
oranke-searlet variety, with flowers of fine form but
 fusch farceed, and Grande, a Noreeray variety. of shado of colour gonlething between Ectat and Lra Grand
 oratay coloared, of gooc stape, ind rekulary elabe

eifective exathion martoly, 1 don t remeanbe
seen it round London on eny ogassion. $R$..

## 

ETO A-TEAR' HOW I MAEE IT BI HY BESS: AND
 Sussex, of whtreh the second ed.tion ta now before as, is, We consader, rather unfortunate in its tit.e, The
 our opinion, by far too sangune, and sre not at all akely to be realfed by one bee-keeper in 8
hundrod. The autior also makes no caloulation the rmount would require to attend to 160 or 200 stocks. F'ew people cang spare the 1, nie out of thefr ortintary bismetess or occupation that would be recessary to the manage mont of a number of hives suffic ent to ensure the realiEngland theng so many stocks can be kept by one person mithin a radius of thred miles. He states that 300 hives tray be kept in the difterent gardens of any nood-sized village. We believe thas, as rapards mast districts to bo an utter mistake The anthormagines thesen lonser it ath than 19 genera..y supposed, and that a rainis of four in les 15 with a eaty range to hem If
higes hape often to send out their foramers to balf turs distunce, they wi, not bit ukely to thrive vary well satence. liarring t: ea atua a fers other statoment. whicu niay be wimatated to mond the ores sumpatio nowime lia little book 4 ane wher we should not hestate to recommend to the notice of any who may be desirota of keeping, bees in a sumple mander. The author does not asy ciam to originality tri hus yiows as regarda bee management. He acknowledges thath hrers he recomands reem to vary very litile from those znown eq Payno's hives: and as wo thave used gome of sim, lar construct, on wo can rejert fastounbly

The direations given as to the proper aspent and pmatit on of hives in a garden are very good, and the mote of ensuring proper protection from sun an: 1 ran
 swarm, as soon as it is seeurely haved, on the stand of the parent stock, whies is ta be remioved to another part of the karden. This we hase lonk provel to be
good practlee. Mtr, Pakden works on the collateral nod nadiring ystems, no well as the urove usual one of top superned for general suceess. The dremitions for leat named in general success Tha drentions for
the flod and the proper tumee and seazona for so doing
are very dictuas. The ratious tantriuthons conta Ded
 in wo lide no bestation no say ng that this ulto book toay be ultantageutsit reail und followd hy cottage

 sy stemp of वRagry

## Obituary

Wri have to antounre, whit regret, the death of

 Formarly, an the days of ture Claswick extibecont Mr, Charlen whiner was orchas-Mr Wihame, who growers sind exiabelf \& himh pnati on amongst Orelintculturats hayine beors thets hat gardener, bat for some some yeart past Mr. Skratford, and more recently a orhoditod, and loction for cos pratificalion. At the perio lochor an Mr Wellow of above siluad the Mi- socety, and for some yars the Royal Horticuitural soct hoard EIs enthusjesm


 Tno fuxerai takes placo et Hoddealon thas attarnucio.

## Mifscellateots.

Snobs af Work,"-The ment.on made 10 "Spabs at Fork" of the dertruction ruthlessiy dealt by them in the Earl of Stamford's benutiful gardens at Eavats rocelved fuls conflrmation in 2 he 1 orcesfer fercir. une 13, 18c9. A paragraple trero bian the public
 hoped that this protilego will be duls apprectated by visitors, and that thay will refra $n$ from those s.lly setof mischief by which so much $210,2 r y$ mas doae bef areclosing of the gruunds agatn" An adrert.senant th
 pardens, thus chac ujes "Fiators
lettors on the berats and trees or doug

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deterred therefrom by the wantos and m chilas hà The Hnville Gardens arg whin rench of the Black
 with hill and ralley, diversifed with noble folinge,
lakes, fountains, gouserystores, orangeries, pheasion trieg, enplo-dons, se. How many miles of rihbonrisuted the sited tho garuens, the bod lixs-piants required for
 presented the taiwe of (Non.. Sur the ha triaks ath ta \$ritch thens blossoms with the stick that gubh to be latd soundy on 480 wh sioudery once o iseek.
 matenat tann we jet possess sor shadanp, ant structuras -s matarial whidh shall possess sajicteat strangth,
 that alis attempts to supply the watat have up to the present time proved fenctless. The best mostaral We wan regommend is canvist, which on one sude must he made fost to astrong roller, and 0w tho other antast be asied to a lath fired lenghtise near the top of the sashes. In mounting the blinds, care must be taken that they are quite equsl in breadth throughout, of the rollar will not ran regular A nirrom covering shonid be fixed aloug the rigre of the busu, uadar wheth the blind may rest mbea not in use 10 ntries to protert it fom wat. The bltuda and rollera miny be taxen down urige that perad atid it they are looked ta after demp weather, ant an w ater thoranmby aried sot
 yealy, Boma cuntifators, however, like to use them na a proteation $3 \square$ winter on frosty bights as recommended in out "Orchid Manesat" and whon this ss done they must be rolled np at derbreak so thet ro lietht met be
 Biands for the sidek can be made of contwo or thrame. We ase and wrofer the latter The atmpe should baro
 Axed in the house at corraspouling dismees Th a tixing 4 necessary to present the wad b.owing tho bland on one side and thus axp as, mp any part of tho interior to the sun'sinfluence in an utig dirded moment 5. S Fhams on Choke Slore and Grepahuure Itants How fo Caterh Rats - A (herap and effoctare way is to
 the edge aroun t tho barre. place a bearal sn t tiat tue
 paringa or other feed for the rata on the paper for sereral dayg, unt.l they begia to believe that they luse place in the dealy rations from thia sonroe; theo T inches or
ore rat bo inde uppon
rultaid ar rowe in
 and cluabso on the rook．The paper vomes back to the phight for the aposas rat of the dry place on the stone，


 exhantions may be natirilued by the cultavetion on i large gaile of the Suaflower（Helianthus annutus）The fongy districts mear Foohefort gread thucoen in the from the peutular nature of their country，have every from the peuidur mature of their country，have overy
 huve tiren fach a the speoifio，asearting that totally disappenred trom evary distriot in whotha fair prial ha boen givan to ith The hoct appala to be etmonphere merely tite noy othar plant of rapid gromis by the proauction of oxytan or whather，ilke germs，unjmal and vorotublo，geaerally auppoed to proment in the ehonophere in lage quantition，

## crarien operations．

## （For fic frewring mawl．

Hhaxt tousers．
Store nod Greenhowno Plomen tiunt late ixemplotod
 plentiful upply of fresh nir should nleo ba ufforded them on all proper cooastions．To this end greenhouse
plants shouldin tho mejority of instance，be piaced ont in the open atr in nige ghelered positicus．Stove lants should be remaved into greanhouses，or，as of their frate．In auch positions a moderate smount
 in nh f．f．planta are plaked，it will bo found that far is ru，is，sthe is required under fuoh ourcum－ culyects when thoy are in the densar and more moist Etmosyhare of the growisg hodses．A pood syzigging With tepil！witer ．II prowo of material sarrice to Attond to the tiectemary potting－0rs of the mingy usoful thage تhicts will sburtly be in requent for the decors－ tuon of the greanhouse or oumporviturf，and whea the

 th the lattor of which I drew attentron Jast week
 plants，will now be pushing up thas flowes－bpletes．

 of developmant，shoold likewise recaipe altemetes Eatarmgs with good liquid manure，The bumtiful


 supyled with noursthent．

Forcina houbje
The 1 resent fine weather will aford material sid cy rupening Grapes，asd should it oontinnes the sun will




 Whe opinion tod tho groit nite of the recommandy
 heretn rathat shatined the old routise for comp tame， ir etidid proodeote，the resulto of Wh thare hars hete in Pine－pits，even though wo have geolh hot heather，At such stime we wre prone to ovarlook



 giale it by tho usisal means it
to the the potto batily cut of the and lar hellor twon let the rook abaro in the naturil temperaturn tho monae Additiotal matimion whl，un ler wheh rit and whith ike atr har suoh dme At ruch edatio be odramblin to put eny pucker theh uasy be tation all it onte，ur impuodiately the freme wound pande 19 pion

 froshar and more plentifully it cas be supplied，both $\mathrm{h} \rightarrow$ ， H －gtare of rupabione and，by constantly throwing watar proventive sginat red spider and other similar pesta Aford to late Molons，whion have set a orop of frail and whith is nis sommenoing to swell of freely，a


 Nectariza－hours booomed free of fruit，the orop heriog beon gathored，lot the lights be removed wholly，that
the ir man lin filf is ！？


## Hardy fruti oaroby

It will be negessary to exmosine all regularly fruned treek，of wall fruit especnally，and to remove all＂bront wood＂and pthit bateral or sublateral prowthr whiph may have formed．This will be especinlly neociary in trult upon the fatter will now be riparing apaze，the
 by the remoral of thrime tavis which ahelle theme trin dunsely．If any frutk has been thickly covered with raves，or if the yostion be greatly oxposed to the sun＇s prosent，there will be some danger of their becoming scorchad if the removal of tive leaves be hot care－ fully effected．Trench or dig up the borderr which are

Bring the bottom spit to the top however deaply it many be deemed neediful to ga，Mature the trateh
throughous with succearive layerg of the bost manure attanable．Tread enchli layer of soil down firmly，and howerer small the plants may be，platit them iutare diately aftar the flat good soaking traln ocours．

## 



Sow，howeref，it will bo pectisary to berin，unlent a
 pood rook conking to cooh tred，and loespery plabit，ohothe aloppispu da fis mone harm than and parte
 Wharings，the opmation ahould be loftalone atiogethen oroept tit may bo jugt damping the leases over morning thu will freshen then 101 ，and a－Ford them a hetta opportunity to collest strangth preparstory for the rirsat tar whah the sua leviea emold diay．

## KITGEEN GARDEN．

Whate there is a large domand for the thred most arsentill verelables，of those which the ches do cmisum施 mont partial to，viz．，Oniow，Carroth，sed Theraps， tis adrimable to make periodion or surossional mow－ inks doring the whole growing season．Henve nother oning of each may be advantagoorsly made to this －thar anven or ton days for winter ithadiag fo ${ }^{\circ}$ hutt $n$ gerly for next sumparte ase． 3 fany sow the large Lisbon or Portugal for thus $\{$ urpise None

 similar nad equally protected situation．l＇iznt

| now luat |  |
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Tuy dejered ciwnatwe should now bo frequently Whetsed in induce thean bo root freely，whey wil

 alv：1
if． r 4 a ＋$r$ und the plant to sie ont the ahookera to
and or $u$ ：is ：：anca ahookg as are orossed Chryrin in．un






 remored to the honke without drooping in the lent．If not forgetiting to weill syringor freely every evening


## 



## Notices to Corrempordents

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 Interosting vommulideation to have arlson fram neame poctliarity of the cotl It mogy of thecn gurvire，ft Would be diferg is catpable of tranaralatiou．Wo phould then havo ut opportanty ot ntraylngit froms tho eommencotment I I B



 Advertlocinemt if poten win ho obilgo vil with ble plam of apembinna．



 Will foler to whit uler cogteaparmiles，nad evoll tho Man－ chestor jourmals，havo to say on tho mattor，they will find titat ork on the polico armatis






 mithe te：mo buth sat you heve，you mud keop a wory dry




mietiva foh the ensulas wfri
40w if
tha hatory of agricultural production mome frikg events have optcurred in the paest win zeverul countries of the world. Here
 the littlo ramptad, In us prot ent the
 - tha atras" tathual uripurta of corn fr Whe It yearn of than cuntury had rumpat from (4) quartere to 1 , अan, (0)K, they have 日uboohacreased rapuliy, atul
7 mereasel popalation, wealth, and trade isereaso of population durlisg figures,
 pin

[^29]It must be sedmitted that the soil of this country ought to becuto rithr in the sume





 mis with the fat sarfae all inane. it in lat.s The best furtnet renilu jart of hat fromber, bith




 ont avaragh suld of gran has macransal in the lant puarter of a century. In fact, mancy perple montain that instond of incroasing the richarok of our soll, we are living upon ita resuurees, spending our capital instead of limag ou the intareat of that capital.

The persent aystern of town wasto 18 , it must on remermbereal intatis tinl ir It is is thang
 eareful of the t.at tre of al atathilah. it


 port them? What mond loe sud it wi. wire to
 rivers? Our humes populatioa af altmost as mimorois and tauch bettet fed. It is clegre that If the manure of all anumbla wero wanted. Figlısh farining wadal come to a gtand before the end of a four-courze rotation. Jut in we only thaste a portion of tho manare uf tho country, no such

 enrn-axporting emuntrow, where 10 catto are fed ard no manure is mase, becomus puorers
 formerly capable of stwit hig wh to ull biabranta of
 menepal averame of theop manntring hos been


## 

 the ube of our africultury, the renhane of the of lows to the land in in exach proportion to the food convumed at present without rotura.
Thus कratte, we are told in the papar just rafrircil to, must be arrested. "No agricult irul untrovemesta cath mantain the fertalary of the

 thas, practionily it
thrw into tho gan,"

 arst te ibs word of wamg, without thath praper int the subyert of our futuro supply of com wrold havu teen 11.6 mplotete

TiE nulyert of then-gnwing exems to bo agasa commg under goneral diwcuswon. Mr M\&ciss Writed to itarist upon thet bastunal importanco of watalig an mady pecks an acto whech are now
 arguns an faw mar of a Htal groater real irtwos, and Mt fantwhioitt, of Niwibutlo Malor, lirack-

In a oaly motr miy Whame, but my lariny alou, at



 and the difforence in the sppearatioe between the two quantities io mot strikiug ARer I have thrented the cora I hope to mad jou an sooount of tue produce, and I shall be mot lappy to show my crope to any ceanleman who may wish woome and sed thenc.
H 1 con alco cotrobarato Mr. MifCHi's nlatement of the usuid quantiles mown ta Soolinad. Itried there ast year ${ }^{6}$ pecke of flarley and 8 pecka if onta per aro

 g.erl.

It in plain that tho subjent in no which rapm mence and not arithmetio mast decide, wherwiw
 hotnseif ulas ast an opers to what may ber called


20 plants on every squere foat of sround, winch any ono who draws in stuass of that wize on pienet of japer munt at orice seo it and cutragoom


 fr tha agriculiawat, fang hileer from one
 sucks fors acre, insl to to that pur wheh math ghld the lativat cTPD that unst be recoms.
 harr at month, it cart withatum. the evinu-urw of Its folly danng sill the othoz elovaus monthe of the year. It must be admitted, however, that the d ientity of grain gowa per mare ia gradually dimintahisg, and that 4 to 6 peaks per acre ara ansurally cunmdored mongh in the whent finld Where firmerly \& anl 10 wita suwis But even
 and that in more than a whure of Fhate on erryy mquare foot of land; so that tho arnthmetic of the subject is really almost as extraordagry as ever.
-Tirs corm trede has been in a guret state themathout the onek, at aboit propinus prives wh th 1





 zaen: has occurred

The folliawing are the publahed returne of the Mancheater shnmetra and its Fis tors - Monday season tickola, 33 masyment of in orrb, 235, Tries day Seasinn lickets, $2 \pi i 0$, paymant of is each, ,
 tickete, 1190 , by mament of ts each, 7, ime. Friday


 week la eatimated at $1 \times 4,510$ bea de 11 cisy reason bicket boldera, and the totsl recelpt were over 15,thot. This is tha histiest aum eret recerved stace the formation of the me'tets.

- Tha discusstos in the Honse of Commons of the (ratue Late grieganm and or the iaw of hyjuther in




 F. cincial livarit, ilie troveratmeat ans lati upor tho
 coanty polls, and the Pall Mall Gacelte thus
 App aloo musti bive watche ? mesp ts pronkluction, for at


 Homo fly Rowre
 noukn a *Li acir 1 ris of their innal relanoras. foom rasigy bucha suminary could The siatinte for the first mbadine of the lall repro-
 what zo zad Northampton respent vely, the ubertien of flerts. 3 nd Northampton respent rely, hat mone under the sL Ad wan white Wo hate rerkoned Lanoolnsbirt only is onecounty, but eact of its three purza far the view tho fioglish shites may be eated il The
 of Minmesth, lutland au! Wentaurestat the three





The kroal diverity of represontative power, whatever may be the worth of the prit.egn sny where, sunder the Bill ineriabl, be the numher of mugr titaks at
 eqeh boart, but acconding to rents, mist risalithe
 have ong 15 fretan.

 hecolthty w ,


bituroe the voted of every third masistrate The pootiguous connty of Honts, With losa thats havt Whe rentil of Cambridgh (tacheitulo I), is to have wisdom is to be foupd in the multitude of counsel o. lpal Gasace, Lancashire will be truly blest whon 800 Permai moot $9:$ repreatatives and 711 magistorial minem-
 mondomiln

## OUR LIVE BTOCK

gont, wrek: ago ne noticed the resulta of Mrr Wortions mie at Ridulizgton. The toste for high-bred Shartborns when opoo dequired is ofter retained with
 In having all todd applized himself to the thesk of gestherfis a now heri mround hum, he has boen hapyy in


 fro doughors, corneliqu, b



 Srawherry, $x$ member of 3 I F . Troutbeok' 8 traw berry tribe.

- Blonam Eth, the dam of the cellebratad Boti-
 wirl, aj maptoms of milk fores were observed, sind doapth every effort to szyg ier she died on tha bitit
 sha kus been exceedigely vailuable in tho Thorsyille hard, where she bas left keveral reptresentutives TMo hidded Moam, own sister to Bourvar Bloom of the
 PMIKCB OF THE REALAS,
-It will not be withont , aterest to Sloothora
 Whae iztiar as a breading summal way congidered to buthor

 A hroxe corapuny of parokasera ansombled, sud 40 exbollent thearluag the propporty of Mrc. Hory Howell Wern offred of these sis were sold, roulislag in
 gmyot hishor 日gares in other parts of the Cotawnld district,
the Lithe week we drem the attontion of our readery Tothen Limantone and Lonk hrteds of shede, ard man-

 the brgh m intain regioix of Langdale Prkes, Scatafe Wandale, and Hobistar Cras. Thelr sppearatice is : sulupe thit hy

are spotiod all over. I do not antuipate a pood gati's
Ithink the Oats and Pega are geperally good. We are
 quality, as it is not infertod with the greeuty which avarage crop on the light and mixed soil linds, but ver doivient on the clay toil. Oata are but whit have se very badly. Peuta and Bear.
 litule efriw bub givatital crop of hey. All roota
 .

 dronkbt of 1868, an exeoediag large bremdth of Peas atd learis will be grown, ard both prompe to be large at of fair price next jear. Mangal, Kohl Rabl, bud rurnips, nreacerod pledt, and look well. Our corni is atit inbout the gth of Auguat: thas out hurvest will be ate. Samual Jonds, Chriskall Grange, Saffron Walden July 14
Giouctestersaxre--Fo ansmor to your inquiries


that very important pageration, and itmy say for every-1

 extremaely Well sot. I sm finishing hay-parting this the "1 ${ }^{3}$ Wry ith 1 ior nay in Norfolk, owing to : rmar I mupe skout a fortsizht siabe faken a trio ir cish adveral of tho inlund couaties, and I may Eay $1 \cdots+5$ suw a worse prospect for a crop of corm, but it sultable durpre that timue, Beana and Pens were tho


## The horsa elacisot attmat such oniver

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 $1+$ ni
Fmon
hand
 cotrent appoarance of our cropst in prospect of haryest Our Wheat chops havo improved comsidarably daring the path two or three waels. The earmos sad hlomming has proeseded wimirably, and pently all beoming broken, of which wo hara mumh partaicen larog y of the

 "r. torod granth here, bat the erons wo hove look
 -1 right for further progress, oven wionnt $A$ \& ay HF and arg now a fir avorage crop the






## | through almondes may changes in the last month ens to


 Was reared the steld of cora would be but one till be aanh day ahows more and more a fir spalbkling planted are umprovige, 50 that wo may look for soria averaga arop of Beang, The Farzoas desariptloy colnured Pens worg mere ar lesp snjured by the on when but the white Pas gro a full average orop and but the whike Pas aro a full average orop, and
flelds are already ripe and wil be gitverted in







 on. Julv Lis

in fays of youtwonld introduce fo jont. It was bid of a locma spatheman for the
The plock and spisit fleman for
splificd, ftatat give ing s ind
Fubches on a futare occasion. On arriwing at gion it afford a better display of thorougk-hred hum ${ }^{\text {din }}$
Fing oredit to tis, nos ate they colo
 C en al fons must bo penk bel; bit giad y, and but

\$1 ing" the animal Which






Cown furnilhed will look far morre





## MISO 11.

## A funning notice may be giten of several thinga in

 onr note-book through whindit the pon is drawn for the










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tha tempor of botw men and horves, 解d not untreo

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 theup polast, and that the clower the other mechioes, ople, the mive sumbenful th thais rute nizuther


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 and yed, and wo now of protyor matertial for conmada
 H. Mantral Cottage Iroprovement Society, London:Hr Martin, eacrelary, modela; Ed wis Clarke, Linoolv, :
 thiokider tian utt epwime


## POPPY RERDD.

THPet it parhmpa, womeoly moy other plant in Eutope that hat bean in persareringly hindermd,
 Prum chatrecter, basen not bow ablo to indure the mary
 Agount Popplet, and to bo wall op in hio botanical

a oheracter as thas might well hinder nay piant from ankrge proport "n of oil, and $W$
being opltivatod. The Popples bave followed the foot-
inf


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of
the
$\mathbf{y}^{+1}$

Yot the potails of the Poppy stiok hard and fast to the
 Fors, and tenpe it 13 only afler that time that of you






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 as evory pration mon well knowi, Ales. Fors.

## zome Correspoñence












 Mry Editor, if every one domanded protection from












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17
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Hind, Mm mon nor rule ond be laid down inchile to tain that ereat crops cannot be grown discsict cerivo quantities of seed. The plants, in

 1 mil sme, sind so arrive st bato conceth minno of 10 kerands for one, or one-fourth of a fir to to bach kamel. Sugin a result would be 1) with michnoss, atd the aocurately deposit ig hang machnes, atd the aocurately deposit ag He Whaty tha best yseld on my farm will be from
yranaster Meoting,-The Royal Ans alt ral Fof England have never enjoyed su in in Brorythmig combinied to male the mathering popporinsly. The weatisor, sxcept for heath Princest aterendint. The presenco of the and etishels large influx of visitors. The Thes of the Cotton Hetropolis achioved woudrio
 EL2t




ock- her best horres, cattle, sheop, and
the astortshang colleation of implementa,
 o thase a mont sdmarable horthatituna and foral
 ' and the most intarasting exhibition of the
 finm in kindly ceelug end rezpondse. The These, of the agrioultural publud brought belor
Thiere, in pertochion, is the domentio live toonk animal food is to bes derived and thent in

 $\therefore$ provides for our manaiactaring
 It trom and that tho ear
 nat ite prodnotion of hreadstuffs and vegetables. touct is to entances cultivetion by improved Fand and mathinery, bo as to Yotube the cost of

 athers good-the one in the provudtion of
 - sood he ri, 100 in betng muoh trae fellow-
mathad Flex-In the last number of tho muther. Fassite Mr. Alexander Forsyth writug Whecaltivation of Ner Zealand Flax in Ireland, Minem, whoh he hoars has been arown in poran lim It Park Gardeas. What this latter





 I Hopen CH I rat 1 in Ireland, I fesr Mir. Dick - is metrue trow. bright to be relised. The What yfrow well sonough out-ot-doors even - Mf 1 I dikeon saya it grows
(wif plantr grow no thickly and to nach a size as ootu-
Lumi Jahe 1.

## II. Societies.

 on Wednemiay lust, held in the Weat Meadown, 111 Hern




 (1) Inr Magyather 2it, belonalim to Mr 3



 1.1 , ? tod prize bull in Ireland, catae by tre Duke of Buooleuch, and after a long etragkle whs placed ed but not fith the public approval the ist prise bull being light in the neok, with a harsh wiry coat. Beygelge Lad, bred by Mr, Marshal

 ored in Dumfrembire, but rather comen so in apmarance.

 $t$ wer is $p_{4}$ Wac Withinwn mo Mi Currie maise to titer of liove lionlyir The lam of Ehan


 Writh, gnd thereforo catue only git. TWo ontared by

 nn:racin








## 

2112 Sd, in yoarling:
Thi Ayrahirey were one of the largeot thown nver
 Were eshimited of mal wargeles, and mome renarkably

 Sr. Lawrence Drem, T large exbibitor, whe confusion







 BLordhesrb" There wert wose rapital spectuman of
 Morrisgs's Charlie besos one of the but 4-yeur-oldes
The \&-ycar-olds wers also thick, very hairy, mud band The \&-ycar-olds wers ulso thick, very hairy, and hand-
a nit a yery high mommendstion and miver midal to

 An

 nas brod near Gorebridge. Mr. Das 1 Kid lew, wa- IA , Id 3d, with "Spottinh Chief" ind ") ouns ("amone" :- later timpa lat at helas and d, apow, aod wa reportal to hate tien moldaring tha shom, to min

 yeap-a da The sempliage were tert numeroun end Mr Jobn kobertion wha 10 , with 3 aive legt bay 17 monibst cols. Sir W S. Marwoits "Jen" was inne wey ike beat mare and Mir Shater's "Panay"



 Alox, Buchanan's filf, and in yearlunge, Mr. y Fleming was lst and 2d. The draught hernes $\overline{\text { FFra }}$ how a harbess, and minde a vory pratuy sigis do nix a deal of oredit to


 and rat un The hike of Aldol had aplewdid fighand pont ntallinn, neven youtw ord sed oul by a otasar Highlatder, whingeined
lat Ir ze ot Invernew y ing larne show of Blander


 $a=$ ase si of mitara a) as lolirer, wht ther Vr 11 nn matel 1 ar


 bill, Fas list, and in Bhearling awres Messra, Dinping

 mated, Mr Boot skirving wen manalely repres

 baculer, going for lond Strathoore, and the other, a
 J I: 1 , hen wa st fr fatw and ewta
 nthers gomg to Nool Wiloe, Dryhope, and liubers nat : an! the remnnts titn everer, hut wera maraly placed tip, and down the meadown in mwx














 $2-2=-2$





## 











 I Cimbis, M P. FIllyforf, SMeethaty


















 $\frac{\text { boll }}{\text { andill }}$

H7OZLAMD
Ist-prito Dullu at former Ehowa,-Tbe Ion, Indy Mement an
Sowtion 23, Bulle calved betome Janviry I, $166-\mathrm{Lat}$ the Arebithtic Clart, Gurreje, Glemdarusl, Collutas















 Int perfe fous






 Shantion li, Maraw.








 Watom Fporime, Corevtride

 tnonth, heleo





 wi.n. Wuthinown and Bort woolled Charles Rnadali, Ched

Suet in $1 .-$ Tupa not above 4 ahost. - 16t, Y. W. Brodio,



 Honprin Levcestrar






 Jodbarich.
Sootion 10. Dinmont or Bhanrlling Tupe-lath 劫, and 3d

Bection 1









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## 16


 Goorye Mangles, Groat Glromdalo. Is pan

 Hoyti ㅍotel Brldge of Allm

Guan Vi-IMPI EMF STM.
Jovolas- Joban Glbuch Woilmet, Chatrman of Euenty


of smenton, saty
Dalk vitit












## chlt THBRIDGE

Reat Jobte of Mariestiag Grain Crops. - At it fead by Mr fr. HaRLAND, of Blona Ifall, from who Wo make the following naxtracts:-it appeara to mot trat il e sulbact dividea itsell into tat the beft menas of har geating Wheat belug wh va adventigeodas to cut ty heat a weet boforo the
ir, for a muoh longar per the is atil fully tupe, This is no neve theore, but was the jimatiose expernence of old men whom of have komb
 noniral Experimeate aso recorded proving ihal Whant cut when ram, say, a week or 10 days hator 20 par cent ade, gave in weighan and quaisty of phatro hat ou dead ripe. As thas is aver fmportat duastion, I quote took
 do ighy atate if feforred later tho rain a thinko m kkimued snd lishter to tho bushej-and

## 

## the onera


 recon manded rat, fist it me nis:"

## ront. Wha llus pron



I (T2at or


## 


afode of fare in poodrandinn
mod ecunomimal mode of reaping whent inds. Barle,



 cin wir invanted and came to ofrt mid，jer． Topurion with that neasuess of the spariag tinfor other oparationa．Labourers have Wi，hate emped more money 10 harpees at tyitn the soythe than sinee the invention of ban 18

Mr－1．
 prinerd，jubity，tho skilfol and indta



 buha．I am of opinion that if a machupe moparal labour begond the driver of the podimperfoot，snd aseds inprovemest．The 8ome men fre very export with the rake of the oorn；but jhve often soon very sul －or arvelen or incompetshn mon．That



With soret delivery Whioh

 of coat an tho salubequentiont claperty defin，bug the that there is a matarial thing of hame，and the
（\＃is worthy of remark that ia
eror telen ny shor a good miomink Thl dotsen of mahires to lay in sheal in perfution for bemp work．When the orop
lying in awathe or rhemf hat is
Hy mean of nu ordimary arvost aves about ong coit in diametar are lind
 the staker．
－The men who stook or tot up the sheaves ，to handfe the shead，so that whem placod in it part of the band where the eary are con－
reach of rain．Nothing can make up
Fight sheaves of Barley or Oats in a in line，so that the least possible damago，and if jt

 tarelessly placed at first，the bis the sheaf is broken，and the rain istand of tilowisg ofl．One of the best samples Nan have had stood gut for 27 dsss in 1880， ＇r．Weather，and made 50 s．per qur，
hooding Wheit formed wertnte in The，when sheaves wore often muti－－ －ar ysu cronsel or uncicy shaves． n＋赑 of time，bat when well finished and tho Af ob，the grain will feed much botter than wither．Truly this adds abort le，an atre to bat ist por Gr is gained in the colone of koowlog that overy oare has been taken．I －neodleas to gdy that sftar rating bot tean Mh s borse－rake．Wheat mainer ahontd bs

的机

$\qquad$ ㅍ

## n，ther castenf liould be out and End shas $n$ in that



 － $18 .+1$ ，！ puss by the fact that oocasjonal seas Then the elements seamed to

 sases，especiakly with Boans but pctal arich nemyt $\rightarrow$ an dried．Tho latestin meation I have heard of in


 anmel tuthen， 15 anches hish and 18 inohes math，on
 steam or horse r－s．$r$ ；og s asp，g comhuuvus alzenth ron floor，sud esxapes throulght heanomt． dry them in 15 minutey．Th＇s invention is 1 as， practicahto to any extent：but pared with gunahine，lot us hrust that it will plege the Givar of All Good to grant fu

Dnocusaron．
Mr Betrpurbas agreed fith Mr itw in！that it we wien


 haring two mapley of Barlioy at Hricho T inc．1／a it Mig CaLDer conniderod that grala uhould bo out in Ittile



 $\cdots$
$\square$



##  <br> 




## Fiarm Memorendia．

## $H_{1} \quad T \quad, r$ ort buing writken on the

 orv of the Bath and west orstiging to know that the at sonthemptor，it is gratifying to know to thos engated in ita ganamiant，but the putlic，who bad

 purposod－thme lowthep with the

on immerim pitent，when indsury matt of the



 Furs on a farim ni ！top 12，feture bo dons by muchinery，and okiefly by skaan－power，and thewe who
 in rot monting the What atop this yeem it in very y．inur L，owite to the diversity of eppearance，even ot
 inany nutancion Trama ste，tharefore，wery small， and this romart ajppliet i sill cold soita Therse ith howover，a larse portion of she crop on good and dry the connty，where the plant jil good and the bate wo well filled，prominitg flull orop．The Wheak orom made therufore bo reportod as litely to be，enpectility
 onderable purtiois of the tay hats suffoted from tho cold May roonth，and show ：${ }_{r}=1$ rust，but the mator
 moist Feither in May＇r क mparatavely favourabio： moist weather in Mugy in in wall to oold tnd moin min．1 Clover seds in the lent mon ato well met sod

 hanim．in anto cam，hoterer，the pond tor ti deflemet natm in como cow athare refy firo，acd on the whold mby bexpote cert whers，and will，we thinir，oxved an averite 1 nemply
 have beon mosit abutadare，whith，tozethor with the sbundance of Grass on tho pastures，prodpeses protpeot completty the reverso of frif for the
 rains to the saiddle of Juna were rathar inopportung，
 The root oron thiso primp
more geneml plant promisem to be vory grod，for a
 plant is now making up tor lost time，by as repta a gromth at a have recorded．Nragel 15 greatly extemided in uitivation this year，this zoot being more and more a freousted，not only for its value for feedies
 afler mivas eropar mociuly
1 inuther in，it helig more expodition in then for hate on sit mym The adratage of slantrat onve repayds los of plant．
All kinds of oatale have grased mell thit menom．
 froved by their appen rinoe at our first sheop fisir，ou the IOth nosta，st Stockbridge，for which there whis
 hand tead for ooming fires，owing to a late brewd of lambs havigg bern reared for then sticcontro seasom． Josepal Blumdell，domthemplom，July 12.


 lighter land the urop will be lighter thata usua，on tho
 one Jnue was cold sod damp，b $\quad 1,21,3$
 Fith other or potatoa stili，wh have never been freer （rom a hir cxotbo Mangel is only middling bethy rathot
 Mod plant in mot plocike w we hare ha ital

 ear

is a common word, but never parhaps realised by the month to month What the eftects of a sovere winte Fould have been with the short supples, it is diffigal 0 enacaipe of as anythizy short or man that thare is an eppasmino of rouphingar sary kiop Hebruary, cold March, remarkably fize had a flae backward May, and though the corn crops have grown well of tate, the harvest can scarcely mow be an early one. 'Taraips promise vary dilicarentiy from lat yenr thero are partial fulures, however-the sovere and
 followed up with a vigompa aftank on the bittered an slon-Egrowint plants, so thatences of re-sowing are quite gonerat.
Sheep stock had a good dest of loe-way to make up, havind boon thin in epriog, and, from the want of the
 that olielly in the nutuma, Daring the drought of whon kle Grass pamof, sud they were not wroug for Crats-ill, or braxy, madegrest rapages, in gomo instances lumbing selton was looked forwerd to with much anxiety, and the short supplited of extra food economised to the utmant. Por one jot of etres (hall-breds) wn began to loes of Turnips early in Jabuary, baguming lot (IS score) were put Od, two cartlonde of Turnips per day Whe their allowance. The reat of their feep the hard weakher. Although shot by ony menos in the condition we bave often seen them, or, would like to have them, thoy wore in toierable lambing condition nad the fush of Graks In April wis worth more than owes, with the run of ecvernl Gras floidd, had neltho Turit pa, corn, nor oake, but the ofer of somo hay, Hivioh they rofused to ent, choosing rather to pirk alp: bura-giden and suingy giots, The hill Cleviot Which they made good use of. The liay mas laid down to them daily in small handials on the bagthar. We have tried giving the hay in radk with the view of
maving wasto, but found that there was mors wast from the racles than whan aprcad over a nis and elent kround ahifted frequently. Those whick hat corn goi
 quostion tha corn litla quation that Taraipor would come to veo that nothing Eupplies the phice of Taraips whards their proprese on Grass nliarwards. Of orarse goor outrake of rough prature. The case may be dif ferent in regard to fold stock and with bare parturek ard artificial food combraed, the pasiuros sapplyin hatle bulk to fill the anima?
manis the present proms so of Turnip erop, which manes to be sonivelith nearer par than last year. Of determine, but shomld facy that, if it hus not, it at teast augil bain a
 nit tina. The one or two matkets whit, have becil
 फhes last year we home neser to see ugain. J. S. B.
 eoncinsigns it which prantiral farmens, we liave somperctitusre. We would first direct atteation to the
fand that Somerset is those the wod the "Cider Counties " and there are Wooded comekry, tothed here and there with orchard
 cammot kelp thinkink that this very plethors of oid

-
In much case the fermer pays renz for trees, rent for grosa, and rent in timber, besides ropt in the bbape of aboat 10 per eent. for hedges and ditches, which
sre onis impedinuents to nopthing like oper-handed litheral (israns)

If asked to propose a remedy, We chould ray it world
 madt from sood sorta of apples, ond with something like care and attentinn, Half the quaptity of good Eldar is Forth more then double the quantity of We behcre that this is a matter deoply aflecting the Iarger fielde. less wood, and less orchardion no the fipe bring of all.
Dezg of all,
The next point to wheh we would dirent attention

Indeed the monall Somarget fromar is almys for enong to to som Hhent or Beank, or otherwise, at some particulay far wherean the oecturrence of foul meather farning there may be some reason for vers thiok sotring; but evess then, in so far as wa have observed, ban is bensficial,
The trutis is, that dilatary habits and thiok gowing to make op for loss of timae are whe great evis Thati fields on strong land. The whole thjug wanta to be expsinded, the fields to be enlarged, steam to aid ju calturition, more lebone,
good buildings, and, in fact, well-weighod business arrangoments carried on with capitel, in the plece
 remark, and it were easy to point to maveral nemit farmens of Eat ond

## rubject, namely, that of weeds. I roeently tan fom

ample of the whole fieln, and my unforment requeated a know the cause. Out repiy was, weeds. On being asured that the land wis as "olean as a fowerarden, we told our friend how a Prench adotlemar had authoritalively declared that the worst wead of an sowing an odd iot of sced had heon drilleal at the rato of a ssek an acra! But, besides this weed-sourco, here will ever be found widd plants peculat to certala ous ayd diniriots, and theso grow in such quantilies as
Buckman, jn the " Joyrnal of the Badik and Wat of England Agricultaral Sociofy

## Che 解ultry Yard.

ACCORDING ta genamal opibion and pravtide our catele Ave renghed neaty ne high a motnt of perfection as is rupposed to be profitable, possibla, or desirable. Seeing hat the developmert of our domestic fowis baz, in a rast measure, beed uoder the anspices of thas. who would thoy not do something if they gave the same attention to their poultry? Is if likely that the orikinators of the great berde, and the hard books, where the pedigeres are carriod over in numbers that requiro Colenio to read them at saght, had any iden ss to What their cara and petention woald lead" It will be nniversally edmitted that the qualty of our poultery
ns geoueral produce is smproving, but not in itg proper
ralio. Wa have had during the present breeding
 poulky mreders, who hasvo raveackod the yands of more money on purpase to find brda of hikn excoljence tay good type, but the high escellenca they must get hequer. It geems strage that men, who in the courbe of a hoiday traverse a great pottion of the werld
 fin I them of a o islaty andi, reent, la liph to p.enso them,
We may expect in the caurte of the noxt year or wo to see birds Rent ua from America of greater wize than any of our Europaan breedicg, and then
whet has already been tovemantigind in the cons der ment of cur breeds of poukiry we pre encoumpad to look still forward, and to remove to a great distance tha limite to the $\begin{aligned} & \text { ciza } \\ & \text { of ontr birde. }\end{aligned}$

- The taste for aviaries and phoakstatics suems to be spreadiag among, ins, and we know מo pursuit more
 wany choice and interesinge apeovmens $A$ visit to our aplondal oulditi lise, mude to a the pheusant tribo during done. Of all the now birds nones aro mo likely to do
 - From all parta of the kipgedom, shd from famareme
 irds, shonld be son bis ily off fr shotrs at whind the
 poultry ahow world be as atherctive, if not monre so, Which a larger number of real ametaura would bo col-lected-people who keap and breed noultry for the ment. In no othet place or buitding does thore en, ze sumgesting the revival of the andmal metion, to bo held either ta Londpo or at the Polaee, we thinl we

 cricete. It it al campilation of their respective prises Fith the performanco of othera thas to excel it, and we feel difident in offering a fem
suegeations to those who may have to dram on the prize-liote of Tature Bhowy. There is munds to retain and admire in the programue of the Bingley Hall
turt may
alruction We have an jufas that the men of cock and two ho pation tn the Teutple Churoh. Certainly for exhbit mation in the complana is mora effeotiva. We would offer a first prize of an high a value as the admitten. The secand and third should be as go propartion; the commexdations, wich cost nothic
and are consequenily nom scattered bromdcat, Bho be few. The clasies now seema too mumerons, R0 and welj-matched hens are split up to furnish a pe more in each olass. In Dortcmes colour is novs rea ofassed in a breed, the old amakeuts of which oan a bird withoutine whar itmight have been desorbe


## lista, say a <br> Ril 

## the manning. It to doubtful, horever, if they

give two prises for dark oxus wo should. tinlity's sike, do the 8 gme for the light.

## 

 pastod ta pood ahow the clspaes for the block hat bu an reds with the dutck wroy, how many othon fil nat or chree pens divide the proses. Tho kaine for of the not sufar by mized compotition. Ia all probubil far the finest extivition of bieds over geen was thit won tho emepatakes of 100 Eas, agaiust a marvelio collection of game biras of and Hpudens are well morthy of the La I'leche, but we have thom not mo stofic numbers to fill one. The other Froneh breeds, suob tho for the deatituta-the olas for "any other varpety Hanmbargs mugh huve four clicsaes, and it is doubl Whather the blaoks should Dot Gave one to the galves mit of respect to ontiquity. the mizht certainly be massed. Bantams we wonled dir into four elasses-Sporight games, black, white, 5 cal roreign bartatmo The turisera, duoks, nod geen : $B_{0}$ goind ramar's are open to a sreat deal of orriticism, $i$ Ahail be quite contemif if they invile atterilous to ast pet thal ig, we hope and believe, only latent, and foad orgoiteth

Miscellameous.
Doath of Mr Edward Carroll,- [We take the fol
 Dabin Farmert Gazelte, WVe regrat to nur: oun the 2let inst.at his resideate, Walout Grove. Glisser Mr Carroll, who had attuined 1.1 for rome time prior to May oumal, and aince that period a frequent contr b ito
 cepart on all tue branches of horficelture, theng

tuve exemple, From hin yonth he Fis most and laborious in the study of agrionlturs and bertu
tare. Fie tras m man of areat brandth of ria sad o tare. He wha man of grest braadth of riow and of minded of men, and cartiod this qumbly to a demreel nsarred his own pecuniary advancement Heas

## dhfer in this coltritry but in lats advecal


nith him. To the intereste of slewurds and mar acyer
me well aware. When ho brought bis rariod kriuwjed

cheir friend and teacher, the jup; h have thequselve fill he received with dean rearat by (armella death mands, by whom he wis muoh exteoned during a low atud usoful career

Ciader Erporsmontr- The currant I imber of the perimontal researches, oundectad by 1 y
 ahservations on the Cloper uador treatiment are that
 mariab+e in ata offect

## and in anotber in

reen reed the second outting of Glover Té alse mere
 nstanoes reported; tut every agrioultoral fogt is tion sult of ge mapyr rcumstamces besules thoon in that never हafe to gira to particular axsmiles the valn







 kind, are laid aloug the awiwh for ar andink. When
 1.









"at ay Frat a a atirane 14) Wa are to have su wet time following


Lita.s.
sutfuck,
a

## $r \ldots$... inser whl

,rr-i.ill. hr ralua, Eeser, July ${ }^{\text {gh }}$
alemot of Bperations.
Aoudsodes, and bordere of finkfs nistifery
 Hodef, ind vary groat care requires to ba taken















 1) A 1 , 11 ins', ran, bollt in
 rch in andil thatched, but it is othorwise to botiom, eo as to proteot the rasin and






l. 1
 by its ciuse Ufiale yeart a natuderable dirersity has boen introduced in the promery nod secondary procenea of prepariog fiax fibro for anmetafacture, but the old





 as the thbre sevaratis frums thas stan when bruken
Whioh in wrirm wather will bo in about a weok's spe,
 hubeen deprecintod before it comes to the in int ay rchag sums, gaillias, bad weather, improper fornd, and so does carrying tie mulk arcerwarde jutingly to the dary; and if thus njured befrore it is put in to the






 at tin+1




 Aurise As the hent of $J_{u+y} y$ is somembat oppreasire, poxious smould bo kept mool, clean, and ree froms nonnus smolit. and their diel bo ruther coolige than

## Notices to Correspondente.

Marcre for Grass - $E$ TF F. Wo hava to ber pardan fur detav


T1IL LUNDON YANEBE LUMPANY









## 1











## The Choapyst and Bont In octleles.



## (and







## Thart. Whppdac. in



 Difpocion ity


 TLiN for dilto TEMTHY
theutthe valies


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HAND 0tacss.


FITH OLEN TOR

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No. 2 saze tizo, to heut 1600 feet, 4 -ineh plot
No. 40 ajzo, to hent 1600 feet, t-ineh pleo
20.4 nze, to hat 3600 fort, 4 -2kch plpp

Pit Plam and lintumetes frose of change

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## Cht Garbenteg Chtomicle.

SATURDAY, ADGUST 7, 1889.
MEETEN FOR THE RNGEING WYRE
$\qquad$ Tus moditication in the Royai Horheultural
 z two decruchas arready adverted, has now, we ain, beon dodint. Fely adopted by the Council, od will be offierelly announced forthwith. Yirzally these changes consiot in the atrongtheming Sthe fortnighty mootipgs, which ere the most


 Nazards visitors-the next best, indeed, to Thads-there is to be the slight ahange of l ling the meeting day from Tuediay to at to all the partres converned, while it has antrantage over any other admissible day, It its adoption, so far as past experionce iver thows pay
These Wernexday remetinera, to be hrld in the ard minith of 1870, will, as we understand, oon5 of such meetings as the present Tuesday eotungs, wipplempoterl by ehows, romo suall! r Enowhat like the prise meetioga of the present Ewon, othars Jurper, hle the sprinp and other Tra ara to be show days of a major or minor dar, and no sprarato exhibitions are to be beld, the the I'rumictal show, which will take place aeennrse of the ummer. Thadara fixed on are thiru Wiolr anilisin Jnnaary mad in February. rat and thiril Weduesdays in each month Warch to Soptember inclasire, and the dreaday in October, in November, and in

At each meeting or thow somo an the apecial feature of that meoting, 1! be made the anbject of certain speciia While other eossonable objects will be dround them, sufficient in quantity to palarger nr a smatler axhibition Tho
proponed are the following Fricel A. Wern hillehen Apples and Puani


 Strawbarrlea.
Plho-apha木,
an and Pienteen. Charrlea
Fariy Penches and Fiums, and Fimpe

(anmid J'rats
ixnay 1 Peura
 changes propoaed by this schame sppesi a be iteps in the riglit dirmetion, sammuch
relieve the Socrety from the incubue of
the Great Shows in London, whe they concen trate its effurts upon some of 3 ts most legatimato instucultural futictions Mareover, by reducing the aggregate nutmber of meetings, not only exhbutors, but also committoe men, will be relnver from such repeated attendancea es the pr subit urrangements necessitate. Tie have but ment.cned the geaeral fenturas of the athern the artual urrangematate determ nod nrr, with the acheduce of prises to be offered at the several mpethigs, wh. bo speently propared and ishued. Thesa mattera of letall whand bo well-cunsidered and thoroughly mutured, and that hemg ilone, we atrongly urge the tocrety to continue the same arrangements for a series of years without matemal alteration, excopt in eo far as udditiona may be found dewirable, Moreover the exhibitors should have some assurance that such will be the casa. Changes in the nature or limits of the clasees upeet the oalculetinne of the Erowere, and its immense injury to axhalitiotas. ILenco, agman, though ther sufhyrats of the elasese mar bar sivited under somewhat novel sasociationa, wo truat the caskan them solves will be mado as nearly as porable to corrospond with those of tho sibedulos of recerat yoars
The arrangementa we heve that briefly shadowed forth are intended to fit in with the scheme of Interational Fixhibitions whech hac been announced by Here Majesty's Commieeloners of 1851, to whick we have elsorihere referred.

A letter from a New Zealand cormerpondent in our last assue, cleara up what had premotusly hean a mystery to us. Readers of sur Cutartefs Dilxfe's "Greater l3ritan." wall remernbir the glowitg terme in which he Apesks of the Rocewoon fili,y. In our notice of the work fr question (see p. 84). we oxpressed our regret that netther the name nor the description grven wom aufficiently technical to enable us to atate what the plant really was. Hookris's "Flora of Nes Zenland." wheroin the local names are carmiths

 botany to tri. it tha, in lat, has plant to bo a spacios of Battercup. Ravexculds LYahurt And mow, good New ZenIand correppondente, feil not to eond nit sogeds of this gloriocas Buttoncup-for glorions it is. Dr. Hookere, in the "Handbook of the Now Zoaland l"lora," calls the plant, as well hee may, the " most noble species of the genus"eron in the laly of tho ebepharda. Indem mary in tho Kow harharia, the rearmblanes to mar common whito Water Jaly gentrikiag. The plant is ntatent to grow in moist placea on th Southern Alps, the Wurnmai mountains, in the glacier regions of the Forbea River, near Otago and el mahere in the Middle Island, at hoights of from 1000 to 5000 feet above the ses. In habit it seoms almost idontnosi with our common marsh Mangold, but at is twace or thrice larger. The leaver are carcular, 12 to $1 s$ inches in diameter, very like thoee of the plant last mentioned, but peltate, as in the Nolumbum The flowersaro borne 11 panniles, each flower is of the purest waxy whito coloar, 3 to $t$ inches acrose, and in shape nimd aspect wiske a Brotulignugian lautter
 "the whole pat lu heml reatly minn lioti,t We imagine there would be no great dufficolty it growiog the plent if we onde got at here. To this end we chonid bo daposed, in addtion to more ordinary mothode of tramsport, to try goveral moans, such as anving the seeds in a Werdian case, or placing them in a closed bottio in damp Mom or mointebed carth. At any rete, "t most shady gullies" in Now Zealind mountains must no longer be ouffered to have the monopoly of bo grand a plant as this
We trust that the llizal C'omuntee Comeral of the lioval Horticultural
 fir Rale and IVtrafativis
 poses are drairable, the Iloral commition are lacioh in thers awarin of fortsticates. ]int them are nutnimin phantu of th" greatest In wo. Lle interest, with a beanty of thaf own, which are not lakely otre to become articles ol cismanerce, the taste of the forist. Surely thas formu no
guod reanon either for passung such plante over entirely or formaking them thesamb portof awerd as is bestowed on more ahowy but more comm naplace and intrinsinally loss interenting objectb. And yet under existing orrcumstances one nx other of theme two things bapreens if $n$ plant withrown to the trable int 1 andipprecolaterl by the
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The Floral Commitee, on the whale, does its work wall, and. wo brlare, with thorough
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- Wr particulars been requested to publish the followInterirctirg relising to the proposed ANNUAL
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ON THE LMPRUVFMEVT OF PLANTS














































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## PRUNIVG AND TR IINING SPANTARD ROCB TREES




operations" These in their tura may, for a sumilar
object, and with laging benefit, be agayn reduced someWhat and thinned outit Being only the wosond maseo after successful lujding and remoral, the capabil, thes of the roota and the requirelr onts of the hend are
tolerably evenly halanced one with the other. And what解 the result? Thet at this age, nemely, from two to three or four years from the bud, far boer and more plentifal blossoms are produced than are ever seen aftarwarda apon the sprose trees whare extreme use
the knifo 10 resorted to, and no nitural extenvic of the head, commenaurate with and cantempormincous with Lho ever increanink size of the poot, any other dealduots treo, it matters not, ant period must foroe tise troe 1 tito toalking pobual gremth in the efort to right stself, and that at the expense of Wrodl-matured wood and fine Bowera, The long ohoote produed by standird Roses prutad apon the olose robbers, or aide-shoote, whiok are produced at the same time and which run hray with the atd the flowers exhititors of out bloorns, who know well the injury they having a dishonourred ntand. That presence of suokers, whether from shove or below krourd, pointa to the the surgestion that, by rutinar finsecturnts down to tu-h ahoots than if other eyes nearer to tho apex

By flae ohzersating Thave come to the conclissong had all the benefit of roll sutuman surubine, are equal to und, indeed, bettor than, thote below tham. Compare
 Sonateur Vasso, with thak of others close pruned: Why are Roses in the form of dwaris and reown wiph harileat suld readicit roolltig ytrick which the world producez, hut for the fact that t 20 is on thelr cwn poots
are trented in a more natural manner? We over arendard folpre dre liynhe or a Crarles Lasser, or
 duced, Fo muad n. the eame gorts woild be with a hundred flowers esclo when permitited to grow freely amount of restr ction? If we are to bave stsudards or halt-5tandsrds, Jet them at least be worthy objecta



 that effer er erirs. "Whardird Roses shoulid he taken third or fourlth yeart." Nom this coincides in princiny With my own views. The means to the end and the prabunf, or reduging the feeding capacity of the roots ia proportion to the requizerments of a harshly-prtuned rook and rootlek to the roitutest sponkiole! And the head should be so traned urous suitable aupport or fiflual fancy), that the bramehe mifter puch on to indiof pruning as wonld terd to equaliso their streapth, mossible, prevenly balavoed, and fo expesed to the bun that each "eye" conld pugit forth froely, and without beag overgrown by the surroundings, and dipplas it fonors witu distinotness. The genaral contowr would efective than the examples with which we are now
babotully treated examples when in fact, need



## FORETGN NEEDS POUND MIXED WITE

## [Houd at tha Manohetter Congrom, July 93, 1800 .]

IT is well knows thest with many of our inaports thero

 mith
All the cotion that combe into this oomntry is contananted more or len with verions impurktes, which are 10 some cases introduced fraudulently, anil in cotron wh bud a number of havy pebbles, or larte harohes of seed denuded of ita ention, or layers a
dusty whete, whith are evidently the refuse of the eollon gin, we are farly entutled to call them fraud acap, or has knife, or eren a stray box of lucifer matches, found its way into the cotton hy nercident Theous matter has the ginang of coltols, or the deparating of the rotion there strmo tho deed, is often conducted with areat care, jutely free from cotitoz-seed, Some zinds of option are


To uny one intorstad in the boteny of the ootton
anant there is muoh information to be gathered from the investigation of theere seeds, whth can be found in nearly every balo. It is not bowever, of cotton seeds
thet I am atout to trent. There are still] other impurities which are ans roidsble. Whether by ripe cotton [alling on the ground, or by mends of the w. Ld, I do not kon-probably from foth causes, cotion intit of beed of verrous kidds. Somo of thormare very fallutite, and can only be diatinkulified by caraful objervation, nnl munty probably oould net be pioked out without the help of a magnifier. Otuers sro solarge that they could otton fallang on the groind, bit mrist rave been necideat or desion
The first thing that the cottor-spinner has to do :
 3s done trith so great oare that a considdorsble portion
of fibro in wasted at the same time, and all cotton fiore
 when all avalabie potton has been ased utp, there remsing a residuum, whoh, consistiaf as it does only of cotton and other seedt, gol, sand, broken-up leaves, and cotton capsules, buts of bread, feathers, b ta of rac,
and various other substances, 18 good for nuthut but to bo put an the sand for manure. And very pood manaro I believe it maker, for it is reacily fuld at
nalformem for a cartlondt and at dnes nol welth heary In such-like reftisa may be fuind a krat and tioy afford gouch matter for thought and stady to the botanut and horticulturith.
About three yeare aso, to my grent surprise, I guddenly came upen a number of plants, some of
when do not belong to our British fora, and others Which, though Brtitisk plapis, are foutad only in the nouth, and pot in this dittrict. These plante had all aprung up from seeds ont of cotton refuse which had
been fasd there, and also many othara whioh are common with us.
It will be neopesary for me to describe tha kind of odd corner used for no otlice yirvise than tho stowsing sway of rabbish. The sull is oldy; the carface is to latile happs of old bricks, slates, ltaks, and other uzeless things whech are allowed to accumulate umhl there ss a cartload or two, and are then removed. There wrs no vegatation excepting such as one meets with on the
 toither wha chere myy water but what fills direotly na
ohs teren estrecralty favourable to the apragere excepting the iayink down of ootton yoruse
Perbaps the expression laying down is not quite sulit ctently deseriptive. The coothon refese was taken there in a hand-cart each day and placed in s heap, swaiting only for a few days some farmers' cart th remove it, and the plants were to be met with not 80 mush on the actual apot where it was placed as on the groind oved Whach it hasd passed, and in corners and ather athl dropped out of tha magh be blown by the wind or haye I bitarally gave the kround a sood lookiog over, and my search was rewurded by many discoveries, Ono plant whic cli waskrowing yary abundantly was the Blaok Nightshade (Solmum Digrum). Now this, though common enough is many places, is mare in the delghbourhood of Buyy, so mafe that I have never either sean th or hasd of it in the locality excepting now and then ass ararden appearances of the Buack Nightahaile may be brourtht about by the same canse ag noton refuse is mu th uned coltage gardeners for the packing of hot-heds.
Another plant which I found was tho ommon


 Soothand

 lietly noar the spa. nearly all oner $F$ irgian and dingian Asia, except the extreme zorth In Mritan a along the const of Eugandi, from lifiso. to irat to Norfoll, but scarcely wild inland.
Next there is tho round-leaved Gonsofoot (Chenopodium polyepermum), which has just a aimilar aeographical distribution to the otherss I have monis "dispersed all avar Furono and Kricuitara in ex.epit the axtrema north. Ln Britain litwstod to soutsern and central England.
There are also a for lebintus, which thoukh thes undobledir spruna eeds, such as Black Horehound (Ballota nigra), and
 everal conpostes some of them ca manon, ar Ftea-
 that these pintie, though rommon enough, arnse on my own autionsty, because the plase in which they
mans ware huddled together in a manall apace, coupiled With the fact that to find any of them-so far ns I
know the $d$ atrint. I shonld have to travel at leagt know the drint. I shonlad have probability of and
some mates, sectins to prealade the prober other mupposition.
The forp plants, Solannm nigram, Verbensofieinalis,
 some reapoets to forma little sroup of these plapto from ootion dirth They ure all Brithan plants. Tho lirst, Solanum nigrum, grows round about us, so in the saud bills at Southyort and other plaoes, but not in our ury pluts of our locality, but have oxactly tho same geographical range, and probsoly come from the same sonrco. I cannot ssy with osertanty Where they coore World, but the Blaok Nightohade might come from India, or any other catton-growng ooxnity, and mpob of
ilso others would probably ooma from Iudia nad ERyph.
 distribution of these and suob-liko planto would be
affected by the spreading on the lact of enormous quantities of octton refuse ; but it semens not, for this hes been roing ond during several yans, and we do not
hear of any suola addatione to out lista, atat we have so mauy observant botanists thet they cowd yentue,y Laso escaped not.co
Such forseng plants when are found, moro or leca


 anter nust he refarred. "thank nost ilanta sif rigWhitch is peouitar to Eogland, or that does not exist elsewhare. Soveral speoies seem to reaciu thair geogit.



## W EEPLNG WLMS.

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 eifisbour and sprokleci w h orbamentai trees of my owa planting. My allant on for tiso of thren weeks pas bundant, and their labtits sa varying and gracefu
The most wildy ptaturesque of this group of trees.3 Seoteh Elum; thts with itw largo deep grean leaved is very imposing aud ffeetive. Its onageuer is the
Scampston Weeping $\ddagger$ tn, $\bar{z}$ veriety of Ulmus montam but much zoore pendulaus thin the frat-named ;"a bramones, covered with grand folitape, soem to rut
downwrds perpendisularly, and a tree soon fortur s ense circular arbour
Ulmus rugosa pendule reams to be a hybrid betwean
 those of ' T montama, bat are of tho same dark ireen
 In helght On the oppasite alde of the aw in, atd sone 30 glabre pogduta. This variety I imported from Fronce many years atnee. My apevimen is from 30 to 40 foet in helght, and evary shont more or leas pendulurs This tree, like the preceding ts wery tracefal
My next fayourite Weeping Elm is a lady amons the Elms, so deliuatia and gracefol is ith folinge oud habit, it is trom America, and was sent aver as Ameriean frien ion not to meartit the precifio nome of pendula more than the Elms commonly planted in the New Eugland towns and Fislages, its the
My friend, tho limented A. J Downing, when on a persisting that the Amprican E'tos wort tare prace fu fy pend alous than our Hertfordshire Elus

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A.
and old, and mither small of tis age fuot mors than 15 feet
 the centre of my ansu Fre ra 1he
of tis faves one would think tit related to tiventana but there conir is suoh a delionto groen-quite sim oumin, aud thay hang on the shoota ss if they were placed there by a fury hand, and in a gentlo breepo tug their fingers argong thons. The tree bs really tharman
least vary remarkibio that tino Atmorican Elms, or ab on our Engith Dlave silap not atcceed when kratton grafted on the Bootal Elra (UT, montana), the stock usually employed in murserien, and on the variety of Tlmus glabra, ral ed the Hontingion Em, to which, to judge by its light kreen learees, it has some reat onani even whon grafted by approach marilied) (i) standardo of the last-mentioned kind, and sidfered to retoma Crom Maroh, when they wert rafted, tull the
There is Yes another Weeping Flm deservig of





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 over wilb tie sulmatar Irreen-"! wat prewnt
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potable differeace is that towards evenimg they were more dense thin th eny othor timo of the dey at Cheimiford, whil, mococtips to Mr, Fish, thoy bergh to diappater at Bury aboat thes tima Coula it ba



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8, sod, from its ormamental foliage, the tree ys worth mongabarinus mas next alluded to, Mr atheley romarimen Blood-plants from the Caje, whenh flowered cos of Blood-plants, from the Caje, whenh flowered Hant sect. on, of which or e, named carnea, Wias
fand in the " Botanica. Magazina.". Mr Berkeley a alladed to raveral cases of monstrosity, whicity an ben brougat befure that body Thitive first Find to was a sp ke of tho common white Lity+ Sme ingardens as the doublo white laly Tho irue
 anttes at the ead of the stem $A$ aperses of Pnlox wai tot of fowors. AD Allium, sllied to A. vinesle, hod fir lowa from Wadours, Fhach had producod manded to. The Ryeuker then proceeded to show wanens of shoots from a Walnut tree in bis own Whach fruted we. 1 last year; this season the ane been developed tios sesson to produce a crop \#f season, bave grown out into tenfy gkoots. The eivas excrescenoes from the spur joints of a Yine 3Hefer showibg exampes and stat.ong that the fleshy 5and the inctividual howers of which were sbort.ved





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 Changhingrape ing in fiviour, to widech a Specinit Certificate



## An



 expmpies of Late Purple Qalktio and otber varietifs of Ctbries, and a flas purnet of Bigatrean Napolean Cletrites
 fruted lo an orchard-houso.

## Natices of 设oo䜤g

Egehoes in Plantard Flower Lafe By Leo H. Grindon London Pitman Strall Bro, pp . 198.
We are somewhat at a loss how bost to give the reader an ides of the contents of this little yougme, The title too, in an odd one, but conqdarable ligense may be pages do mot profess to consist of anjthat mors than memorands and observations from whels point of Ftew reapection \& certain clagy of botanical facta." These frects tho nuthor, "uriable to thonk of a bettent natae," calls echoes He meang by echom certan general supericia, resembinnces st habit itiol struo-
 al in to to thes sulperte in has chapot.s of Nis are

 of thatr fioral organasationg Thas the Palda form would be plnced withe the Gringer snal op od. Dr Seer Juno 27,1898 , his oyea open to the peouliarities of plant form. Etery gardener iz familarwith the close ranemblance between gone of the abeculent Eujburbiag ana the columanar Cact. or Cereus a resemblance so nlose that, at th Wh ils of the twor fotmal en a particular plant belanga if on punctumbg the stem, a nulky, utce exuldes, the plant wound in the Cootus 18 limple 10 hes hrom a sumla wound in the caoths 18 Lmpid and trirngparent. In point of fact aimost every large fanty of plentz has Euphorbs as and Introplans, aiceculent Compositos, flathy Asclepinds, gouty of thos and Pelargon.ums Pudalinets, we. The flat, riblon-like stern of tho Bauhinias finds its match in the compressed atem of Yibs planicu.tins. The fleshy - rooted,
anear-leaved Ceropegins, find them yiraliol snear-leaved Ceropegins, find then yaraliol It
some of the African Passiforege, saca at the Mnohsdon, discovered by Dr Wirwitsct. Anotber





 by the thousatid of thas exose correspoudence in guper Licua) adpect, Mr Grindon citos many suoh, and these are lifis "eoltom,
Of opurse, in mas. ${ }^{2}$ asges the reanon for this cormeapondence in outward form is obviont enough. The conditione of lifo boing mailer, the reanits ato manar. Desert planta of the minst opposite famules are charscternsed by the sams aspect -the fande dry Ahrivelled, interlatiog, spury branches - the same belows folnge, whe roots buried in an amozing dep th sesarch of water. Or it may be that the water is stored in the tasues of the fañ itseaf, and then we get the inge Routy stems, the swathen tubers, reerforrs at
 rurious ta, of the matives, 15 their bearcli for the u, cF tubers, thumparis on the crosid with their Cubs to determine by the sound emtited the presence of these aubterrmen founts, on the sume prangile as


Take, apain, the plente of salt pla, ns, how like they all in the case of the fleshys leares of our soasida phane thang the aubmerged leaves of equatio plants. All thin ia fuderstood
So also in the case of oblıque leaves and fexume that these armarements athontan whi reabmily ahow axillary hod If the stem of the $t$ oth, or tho leaf grem eindulls, there woula bit no room
 surprised to gee teadris swen in plants of the most Widrly dieferont charariter
and ore marve oull still is the mary in whath the same ward appesannce presersed by most different nuethods Taire the tordrilo for 10stance, 10 all casas they ane stafforently alike to come under Mr. Grindon's appal lahon of ${ }^{4}$ ecthoser and Jot how diffirent they Pasilf are. The Fine tandril and that of the Pasgonforer the aitered flower-rtalic, in the Lathyrus it is the midrib of the leaf-nof it 18 the stipule, at spother time it in an abortive brameh. Here is food for a poet-naturalist-good wholesome food, tro Which Wal induce rinore ratisfactors resu ts thas the pare wo wniderment at the resemblance hetween phant and plant, wiluo at the atteapt to asoertani on how and why they exist. Mr Gradon's book would dave gu, ned an interest oven for the most deaultory of readers had he cu.ded $t: s$ Pogasus into thease attractire pastures, and not contented himself with hovering on he outstifth, listening to the echoos, without attempting to asparthin whence they come, and how they are produced.
We have also to announce the publiostion of a second edithon of Mr. Grieves Enatory of Ormanendal Foluaged Poldrgphames (Bagokwocd), we have arsady en prasaed a fapourable opinion of this ungreteadiag Ittile voiume, which shoud be in the hands of all who takent tuberest in this olass of plante. The edditiond matuar compries E list of the best Farletien, und
 of our confemporares, suded the petbleation of the firat edition

## Florists' Flowerg.

Ir is mell to panse, as it mers, it intermis, and endeavour to gather up for eonsideratom whatever of mornation can ber gulned relative to the mpropement stany partasuar flower, eapenas af it bo ome con-
 hais. It ant, 1 ifen, tis he Ey gathared 0 , respect.ag


 tuading bardiy uleare enough, as thare aro some kinds that in the nes betweat the two, so waried ars the charnater TVider ratiet es of $\boldsymbol{T}$ mujus, and what are linown as the Farielles of $T$ lubb nfum, under the latter, the Farieties of Pom 'ruutnb, aide the anat neef form in thas ection, the compactim vartet, oss.
Since the oud l'ropara, am initus catme to us from Eeru, in ligic, sad, 40 yearg after, T ma, ua mad its from Columbing . Micum, and, later stili, Lobbanum of earih " bave sprung from these Peruriqn grogentora frale the old types, still amolyg tis in game have in "the preseace of perpetusl chatuge" but.one themgel ₹es changed into momethog better itrousia the operston of that an of natura, selection which, conserousy of unconsciously, has raised to higtuer forths so many mported apecies of garden planks.
Dumathe, of ail living man at lpast, Mr W E.





 Forimer varicties mamed aro well known, sad are of groat serfise in tha Humer gerden during tho stimmer munths. 'tbe last-named bas a rather derrife and unota compact habit, and produces namapoita brilliant erimbon Howers, the folinga being of a dart aliva-graan it originatert us a selection by Mr. Duanett trom the ohd T. Subultizu, ahalr trailing variety of the T. Britliant
 Furst-closs Certificato of merit by tho Flotal Cemmattee of the Hoynl Horticultural Society durng 186s. It comes very trive from sotd in fact, ald ihe varieties of dwarf Nesturtiunas are to be depended on tin this raspect, though to sec ure compuetnais of growth, and the utmpat abundance of bloom, many growers prafor to proparatis the plants by cattingo in the earty spring. Crystal l'alace (rear, Beave s, sul whoted Tom Thimb, are all spottial or b utetien wath rution an and scarlet on a yelliw sroutrits and Pear. lian stras white flowers. Auttite ot these, thuligh nofel in the r way, beddiats kircit plessunt rariety, csil rank as efreatime the varselses ol the Dom Thumb comphedrmi fact






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Tun 11

Wontroes oresented by its juxtaporition With similar



## cill

The othes group in $J_{\text {In }}$ dicisiny momprasen what arn popularly depominntad the mompecham sarielian $1 t$


## $\sum=$

Fan be obtaraed true, ts ifat knowry as T. exmpactum and then It his been said of tite compactum group And that with s great deal of truth, that






 sand otl irs

 Wowth, the sownor wewher, whon it malkes vigorous













per',
progong, either legitimate or tllegatimite, most olonely
res








 towneds the edge; Gcant des Batallogs vivid erimson,

 m.










## The gytaxg.

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 ifermen and putrofy, Lit us, Nr. Lambrocht
 and triturato it bebleeth the fingers; then put it





 evident whon we conalder
 alrogy-itid. Patid meit, patrid madultary mather






 Btraw hives where in anmoat pemeril use,
"Thant the cuuso of foul bruod mast propiorly befoteght for in pollen made putcetdent by moistrure wit be olearly fant al in tho ot peneo, and troturate


 The thish will tikn if tife ifrention












## Garden Memoranda.

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## 

 Rhip of Hatholr, sud bext to







Falk: This appean to be a rery neat mata ite H. rim ricrisexthe Fiter and turlis by tive man







 -aw here abored what wishe bot are at wed-uncian Lakzble erget ef wo mudh y youl fur short jo nus ebd



## Miscellaneots.

segar mik fruif surar is a Taluable
 finfot If happens. howerer, that the latire fecture is Fith mont permast munterbalansed br che teodener which it last to prodtze netd if, and therefure it will




 Marmat © I.e *






 pole-hike sreen, Funblak 20 row on either alde. wad
Masx $\operatorname{tin} z \geq$" w






[^30]





## is ax plor

cars and Apples, Cartanta, both rad and winta, ame ane trangad oupricit rows of gitkes gothe if foot

Rome buibs of red hybrid Nymplrondoses，from the Royal Botanieal Gerden at Berlo．Those packed it charcond were apoilt；but two of the lour in monst them at once in cocos－nut shells；they bersu to sprout


Folidaye for Gardemert：－A Wormentier＂Writes oocmplaning of the seatrolty of holidazs for gardeneth espeoially as conpared with the frequent plonsure trips den，enjoyed by other artisans．Ha also tolla us
thes the amploys of Mr．B．Williands，Hulloway， from an exocption，son the 2ath alt，a larpe parly from that eatablishment vis
apent us very agresable day．
appat \＆very agresable day．－Our heme feeliags mers Emally 1 tentenatied by atterding a flower atow，at thoug

 the mlendid vegatables of overy kind，Iscoucing
Potatos whioh would have delighted an Irighesma feelss and Onions
 angh as Boglead could hardy equal，Mpondid frite
 fowary none of which pheneed mo more than the beoutifl Roes，so redolont of home．Among other
 Dr Norman Maclood，in＂Good Words．

## carorn prathons．

## for the shating woest．）

PLANT HOUSES
Trotere I hape oftem adverted to the phonefical effecte of night sir upon regetation genersily，Ideoth this matier of so mush mportance to hesitata to refor to the subject sigaid．I would partieaterly point out
 glan struabures．These we invarisb）y and mosi properiy wintar，though，as I have ofton anpyented in past be sulmuthed during mald periods whthout tuduly lower－
 the proctioe followed onvard，ivio，and undeed，



 ownag to the position in whitan which is sfforded At night，however，how fer are there who，by admit－ tupe fresh aur，will relieve the oppressivores of wo triar hated and stagrant akmospltere．Depend upon

 perinds，and when the violent fluctuations in the elentents ore sr．let migits air be afforded we the rare， ＂to 11 or 11 o＇clock，as may be coaventent．Refreshing etper fill mi ati at a rials period encue it vill be




 sides of the pots to obvint oxowive drymer Durion

$l=$ Fineries，fenerally I ，should now have the



 shond be rediant，heasthy，and r esse，for on the Thow houses whint hase late Giruped som last，afiep havisp bean tasily thinerd，shoull now hi
 manay dayi，A nied what tomparaturo finst be kapt




yet in their fruiting pots 青hould now be undertsken，

maraodiately afler any plants have been fresh potted． The temperature of the house may now be kept steadily up to $85^{\circ}$ ，and with abuadance of morsture a orward sucoessionsls whicu have beram supply of ext．
 the trees from whioh frat have bsen gathered of may require a root wataring；this should，therofore，be be not given them to assist in developing the necossary woll in the following epring Mrite preparations for Well in the following Epring secte preparatious for
 shaking the amaller particles ont of such stabla litter as in und for liningas Thia will be zogod tums Plao pleoas of spawa jnto inimgs or beato Mushrooms whigh may came in very servioeable in six wedk，or
 andes，end should in all cuses where prooticable bo preased anto firm placem therrin，end rot monours p． 791 ＂＂What does frim mean ？permit me to m That I＇nsed the words to denote a nre flourishing growth －rira 10 the senve of boing mpusurl in size，sad flouribings，sucoulent，and bappy，yet devoid of filare
believe the word is one velf waderstood by the tnembers of the orati，as conveying this of as similar meaning．

HARDY FRUIT GARDEA
Wrall－finit treed requirs almost constmat atten－ hon，so dreely do they krem，al， 1 in mint ingtsiced sub－interals and other growth formitios aro prod and sullotercy of follage already exlats，bleses young
 They not only unduly exaitell placed，more or like to their jajury．

## hardy eiower gandea．

AJI strong growing SArubs，or others needing suoh ationtiot，shonhe now be anally pruned back，or olippec is．See sliso that no grose growiob than crethang othars which are wearer in shom which thompelver，inkely to injure thase shruba of more lowty growth． Cow 10－weak Stacks for merly winter bloomulak．ponks，
 pormeneat blooming quarter，no should suo early－ skruck plpinge of tho formor when sumeventy woil
can be Bpared from tuxe beds or store planta Whioh are thas purpose．Seeds of the beametral rarly next sprius．Proceed with Rere buddiag the past faveurshle stinFerts wal ritke the bark rug，and

## gretations．EITCHEN GARDEN

Collect and store Preking Oaions，and witha long rod or stiat durefully lay the heats of the mata orop as thay bution more readily theraby Pinat out the ariy－gowh Cabbaga pianer winter usas，upont mistion tround is tolerably flrm and in



 trans？ant thew whi $h_{1}$ act set har the parpmes．fowins

 Tpanish tar aty t9 bett for kelieral 4xty Propara and Apanch，to which referenco w．．．the mada next week F

##  

 tylith The



 propagatod sifnge mhcota tiat are strazR．．Dy mbould Th takerd alf，an 1 cut into preses，wh tho or three manien to rozke roots ；sfer whtch they should be pritedi in vixzu phte，three in a pat when they oan bo ntered in a a id frame，ather the folloming mamner rik the frame（whoh shoutd have a south agpect）
 hurrion the gix us by this mesans stay can bo well protected from the fropt，and they are not to likely to damp off if kept




## Notices to Correspondent莫．

 othar tron a late of fipe spectmons，whifen flowrished for youre，and then al a




 Wilt gemionto the firar
 a mo na dunticuativo snimul．



## ${ }^{\text {re．}}$ To

 Munt sand．Alt tha figrediant mpust in Wh Taxsed


 With about in equal quantity of gation eoll，whd having tbit phout your having a good o









 ond the more of them the better，it they are sh well to th




 Anv：furck－Dr Mutars boing magaged on a monpgraph of


lizats
－｜r


## MLIEnts reinl peta



$x$


## The Ggricultutal（axzette <br> BATURDAY，AUGUST 7， 1869.

## HEETLSOR FOR THES ENBUNGB WITA， <br> 

TIIE crop reports in other prges are more than mally uncertan，indefinite，nud uneatufactory． thas been muck more diflicust than usual to mol confidently of our harrest proupecte．A id Mry and June made it impossable that we mold have a good Wheat crop：and，from the in solls especially of our chef Wheat－growing tincts，the reports were very gloomy．During how bot weeke in $\mathrm{Jul}^{2} \mathrm{~m}$ the appearance of the wosed，bit the cold and ratn which have since y⿱⺈⿴\zh11⿰一一儿，len h．s hare done harm．In hardly any －havo we had an many becond roturms siont correction of the first report，which had been ware favourable than subsequent examination
and allow On the wholo it will be seen that arly half our Whont returns state the crop to below an sverage－leas than balf the returns port an average－and only oue－tenth of our mrespondents are able to atate that the crop in 50 p ，then，we can hardly doubt，must be con－ Werably below its usial pronluctivemess
Of the retrarna it the a at crep，sy jut it as plow the average， 72 declared it to be average， rley，the thicg our reports of at are not co
farcurable as those of the other graing，cen wrily be pronouaced an average crop．Seventy our correspon lents，indeod，io so pronounce frerage，aud 60 deelarg it to be under arorage． Pa jear，and probably these crops are bettar wh becono corered with aphe dunng the past －n days，and nerther of them will sield to well whas at one time expected．
The following is the tabnlar secount of the nports With which our correspondonts have
Troured $u 8$ ；and we place it alongeile the wresponding figuree for 1808 ，that the great mitrast，especially in the Wheat arop，may


As rogards all eueculent growth，we behere be congratulated．There in a

 Mrit Tho Pisch complant us there was last
prop promises to be good and

Tre Contannous Dreoses（Aminals）Buli paseed mond having undergone any change of import－ soma ampendments were carricid in Com－ lappy of ford and water to them on long
Joimagr．Thie clause of the Bll hamal reference 30 thas shbject fixed y maximuma permod of Binhonza of Cloce limit of legal privation；the
as his emandment was negatived by $n$ majority of 11 in a house of 69 members．CItimately the clatise was mmended by the addation of word giving to the Privy Conncl power to fix any It is not quate po ebsy to make a practicab o It is not quite mo essy to maky a practicab．e
arrangement for the fooding and watenng of cottle in transit，es persons unacquantod with the detads of tho nubject 1 magane，nevertheless it is undenable that much unnecessary sulferng is intlucted upon the unfortunate beasta which are destined to supply us with sminal food，and the minuation of ther pain is worthy of the careful consteration of those whose duty it whll be to carry intu effeef the provisions of the Bill． On Friday，July 30，Ear．Fetersicas made an attempt to introduce a clause simular to the ono which Mr．Clare Sewell Read failed to carry in the Commons．Lord Feyerselim＇s proposition Wers to the effeot that ail foreign animaly should be lnnded in defined parts of ports，and Lot bo moved therefrom alive，excepting those animale which chould be＂imported frotin conn－ tries in which，during the previous 12 monthe， cattle－plague or sheep－pox shall not hase
exiated，and throogh which animals shall not have parsed from countries so alfected． Earl De Grey opposed the amptidment，on tho ground that it was inconsistent with the primeiple of the Bill，and on divison it wes lost by 56 votes against 11 ．On Monday last the amendments were reported，and on Tuesday the Bh was read a third trme and pabsed，after Lowd GALISHURy hud made an effort to gro ratway companied the ryght to charge for disunfectong a attle trucke；thes amendment was not carried．
On Wednesciay the Lords＇amendments were agreed to in the Commons，and in all essontial pontw，therafore，the provisions of the Bill are determined．We are now in a position to etate aucanctly what are the regulstions wiuch will in fature operate for good or ill typoi，the home and forergn cattle trade．
lirst，in regard to the forergn trade，which most required regulation，the provigions of the measure are bused on the prancaplos that foretgr animals are healthy and may be safely importeil whthout restriction into this country．Diseased
ifected animata aro lonked tivor is nxeep tuonal ；and for the recoption of ruimals whiah shall come from countrige whera infoctrous
 defined part of the port of Londor．

Power in given to the Privy Conucil to regulate， and if necessary prohibit，importation of certain kinde or classes of foreign animale ：and when it is known that one of the largeat importers of foreign stoek holds the opionon that the aupply of annmals from Western Europo 19 rimathy exhausted，and that we must look for an increase of trado to Central and Eastera Europe，if will be admutted that the power to prevent the landing in thus country of oertain kinds of forergn ammals is a very necessary provisun，otherwiso we may 10 a fow years havo a rogular cattle trade from the weatera shores of the Caspian Nea，the only obstaclent presont being the want of radwey com－ munication with that loculity
Anumals which are mported from non－infeoted countriges will，after being passed by tha Customs inspector，bo treatod as home stock，as cattle from Normandy，Spann，and Portugal are treated now．So far as we can understand，thene is nothing in the hill to compol the slaughter of anmals from non－mfected countriea，or to pre－ vent the purchaser from keeping them as store tock of ho thinke proper to do Bo．
The principle for which egriculturists of this country have contended has been exactly reversed they demanded a measure based ou the assump fion that all foreiga anmale are normally dan－ garous commodities；and they hayo got a measure which practically asserts all foreign stock to be normally safe，and which only pro－ Fides excephonal accommodation for certan excepted classes which will occupy tho position of suspected animals．
Regulations affecting the home trado have beer moditied，sunce wo last alluded to tham，by the introduction of an additional clauso in section 5 i，giving tho Prisy（houncil power to make fartuer rogulations respecting foot－snd－
outh complunt．As the rlatun originary stowd t would have been quato mpraeticable of execu－ thon，as we pointed out，ownig to the short pariod of incubation of the cirerse，nud ith emanently contagious uature，which together mate it
imposeible to guarantee an animal aganst an imposqible to guarantee an animal aganst an
attack for two deys，At preeent the malady i
axtencively prevalent among oows in the metropolis，end m many parts of the comntry． and cattle so frequentily become affectod in transit that，takung into account the requizements of the trade in the matropolig，Whe do not see how it is possible to restrict the move－ ment of the cesttie altected with this disease in
London，et least bo long as tho cordon round the motropolitan distret ia mantained．

In reapect of the other infechous duseases of which the Bill takea cogousanos－catile plague， shoep pox，pleuro－pneumona，scab in shoop，and glanders in horses－thers is no fear of anmals saddanly being attacked in transit，thorofore，the rame diffirulty does not presont ttsedfin legralatang for these diseases，and no reasonable objeotion can be taken to the restriction which the Bill pro－ poses to plece upon the movement of animals affected with any of them．As boon as the measure becomea law，thare will be a further neopseity for Orders of Connell defining infected pountries，and for the parpoee of carrying into eliect certain other proviaions of the Act，aud we khall take an opportunity to somment upon anj pointa which may be interesting to the agricultural commumty
－At Mark Lane yeaterday Eighigh Wheat ad－ ranced 1s．per quarter，in consequehte of s short supply，and more money having been made in the provincas duriog the weok－mithe meitropolitan stook and meat trade is good for prime qualien；good beol makes 8d．per bb ，by the carcass，and mition some－
thmag over that figure．But a large nupply of foremg
 atock leops inferior sorts as
－Wool is slaghtly cheaper．
－Mr．Jorn Indson，iate of Castle Acre，the veteran Norfolk agriculturist，died on July e6，at the house of his son－1n－law，Mr JOsRPH SEWBLL，at Cirencester，Glounestershire．He had long bean known as one of the most suovessiui practical farmers of the day－representiag more sirikingly，probsibly，than any his contemporaries the good policy of the very ＂highest＂Parming in the interest of the teasnt as well as of the landowner and tho isbourer．Mr．Hudson was hela in bigh esteem not only in his native county but throughout tise Eaxish agriualtural world He served for rany years on the Council of the Rogal Ayriealtural society，and many yeara ago，when three or four d．stingaished mae were axked to speak on the acveraj branches of Englah sgriouture，on the occasion of Mr．Hosm rna＇paper on Agrisulturel Progress，read before the Late Prince Consort in the room of the



At the reocnt meeting of the Agriculturel and Hortoonlarral（Co－oparative）Associstion，it wha an－ noriaced that doring ita hie yes wis numiser of rom 5507 to 1001 thet that nd tho profita（grose）to $1335 \%$ ，thas at the end of the the proar igross to the necond year，ended dune， $18 \%$ ，the members were

Mr．Giess，of Gilwell Yaak，recting the offor of its Gold Medni by the Royal Agricultaral Somety hay in wet weather systement drying coral for prictien purposes，－brotests that he thas Already proved hit system to be both practical and economoteal， not slona by 15 minnten of hurmed expermment in ha Bhowyurd，but by practical work carried out with impenohsble patioeress and he olatms to hisve［ulli］ earmed and fayly won the offered medal He submite that if it be willahald the thecety will heve forforted all Galm to the future confidence of inventors，and wih have bpoken publue promuse．The Times defend－ tul ate report of the dryaz moubine，states that Sir．Gibbe＇hot－wir mad of 12 foet by 12 feat rround－ floor，and，fitted with 83 ＂sheal tubes，＇3r．ed 33 wat shaseas in 15 minutes，a house of 10 trives that arse meazuriog has sir nto as mauy shouses vuder rick clothz in tue open Geld，wonld，if crynus with the rick lothz in tue open Gela，Folld，is drying with the samue 15 minutes，or 1980 shes the stack 320 Wet sheavea in 15 minutea，or 1980 shesves par kour．This mould bo The produce of about 8 to 9 neren of a crood orop o Wheat，and wratid reprasent about the rate of porform－ Whent－lryer exhsbited in eporation retallly deatiocat In on such a scale would have demonstrated the
 It is to be regrotted that the apparahas ab menchenter was not，at least，arge enougon of carts going．It wonld then hepe proved to serybody that tho＇syatem in prictical．Bat the udpes could bardly bs oxpeated to award the importan Gold Beelal of the Rogal Aericultural sokely for proces axamplited by has 188 thes ois per bour，or only that dried st the mates in 8 day of $1^{\prime}$ Lours．The iarmer＇s horses and men cannot mork buth bigat and day，yaither can a man of butidess think of potterng for live or anx
 bury.

- Wo hase neen a latro number of smpiem fibre prepard we the dry wy hr irr





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 of L- The entries for the fourth anuuat exhibit, in or meched up upard of of 30, opero ono. third bellog huotera,


 the shov suttuas broedref bellter ihan in former yarre, Then the hiows havo been ourrier. The huptoria pre matounoed to be Judged out the aft day, Tueddy


 mont of the duy, so thet it may be Thurrsiday morring biflore the prices to the dray nod agrioultural horsse will be amitud.

## I'R LIVE STOCK










 the 1 Bromey nelyhbourhiod fer tmany years, we ore

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 trom well-bred riacra, the atru of each of whist in mon10 Firous crstipetit ons Atier the Atheep sate, mis well bed Shorthorne, indading bull from Kirklering by tis J. 1 ronamink sin na y past really good Betes' pedirreeo.



## throngh the x ndinen of sir Moure, we have beph

Weine of pund Bates oharmeter (he is by 2D Ras s



by PAWALBE BARONET (23, ,920) a promising Shot11


 suide; nd Rovotta, 180 by CosTA, aud from Rowsie,




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 enimalo together in an orchard, and incer Epecimens of









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greater aptitue acealleacies of the fation " later bred, wita

## SHEEP SALES,

Offord Dows-The annual muction salo of Ox ford-

## 4

 kontlomen belng prasent during the aftomoon. Aft

 li averated it, Mr Nock: 10 , from hin winhing


 ahreep at if mociuded the 4 pp highy commented Grely to Menars. Walaam Baker and W C . Firmatoon

 lemand for emes and overypen whe pold. Mr I. ir. Ifry Bemeh's from 55 . to 180 . per hed hat the latter prave hrinz given by Mp. W, Bhirer, of Moor Barne






 of minular ayo sold af from 8 to 20 pas. (Mr, Melsatue),









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## are sanualls turred int




 h neximn tome prodnction of molt in the Toited



 Poroime and English pigs at equal weights-me arrio
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80,000 tuns-the quantity now is undoubtodyly mea 1 I's.


## T w :

## Linn in an ins fire







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 and give such oonfidence to these who would ribeal is argely in broding and meat-produgiog that our home mpply could zot but inotrase to a far freater exten foroikn apimals to be exabaced from the matropolis
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## natural curtomers in Esast Londoo. Here, then, woul

be tho gann of alargely angmooted home suppls, with,
$\therefore$ Thus is what the chamen $\frac{\text { cultu- }}{}$

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Thendent tonn wint is.



## THE PRESENT APPEARANCE OF THE CROPS．

［FROM OCR OWN CORRESPONDENTS，JULY 31］

|  |  | THE | ESENT ［FROM ot | APP1 CR OWN | AARAN correspo | NCE OF ONDENTS， | $\begin{array}{r} \text { THE } \\ \text { JULY } 31] \end{array}$ | ROP |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| counit | WHEAT． | \＃artict． | Onts |  | Plexs． | 108， | n00 <br> CEOR | Orabe |  | MR AKD ADDRE聂 |
| S00tLAND． | （hork，ascrugh | Average | Uniler averqu |  |  | Jur aternic Yery promanale | Exutating F＇mu | Qhort | dallo of | ht Barniny，Brape of f．psio，by Fochabert mes Hemiltoo，Forren |
| ［ens | Ifr averixge | Arutyso | Fair，but uglit on barc solly |  |  |  | Fers go |  |  | akt Grigor，The Nume－ |
|  | Averuge | Good，eweeftin very Jry grutiod | 4 refrge About averago |  |  | Look woll Under avitidu | Lonk well Leulths and well Thull averime on ensy woil | Much drient Very inforiot | End ar duguet Beptersbor 1 | ries Forres Fochabers Coujeknhank，Sitle $5=$ |
| HMTh．， |  | Ovar avorago | Stort in minu | Short fo ithnm |  | － |  | Augut 15 to 20 |  | tilo Bridge of tillothtad |
| 槶．．．．．． | dilweand Rather under 50．ma | Futh averigo | Under nverngo | $\left\|\begin{array}{c} \text { Aversog, brt } \\ \text { proding very } \\ \text { kis. } \end{array}\right\|$ | Averigo | Foll averaso | Avarnga | Avorago | did Augurt | Joho Mantro，Tamble－ lothom，暴 Andrawa |
|  | Conrealy nveruge | Above spragt | Yary touth Inder Rymato Undot Mvattiso |  |  | A．er？ | mb |  |  | Sohn Ptlentro，hinutard， Anwburgh <br> Robart Ruphell，Filmotr， Letel |
|  |  | A |  | Abota arcringt |  | Averige | 1 trige |  |  |  |
| \＃RLING | Protnixen of fult | Father below <br>  | Coratiderably 3） 3 olvw nverigu | Blifghtly uycrumda |  |  |  | Derfitat Mit frirsulis resoperfing | $\begin{aligned} & \text { Ms: ile ulf } \\ & \text { Ausbisit } \end{aligned}$ | Win．Drummood de Sotn， Hetrling |
| dinatos |  | Abose nvorage | Under Avarage | Aporage |  | Proutstag |  | Ycy poor | $\Delta \mathrm{ug}_{1} 18 \mathrm{tan}_{2} 25$ |  |
| zasflem | Averugo <br> Above amorage | rage |  | Gooc |  |  | and late Yery inte， except sarily | Vers ruluch dried Abyuit the ond <br> Tup of Augut <br> about Bont |  |  |
| LTR ．．．． | Averugo | Full | Abofo heteratge | Fulaverage | ．．． | hailthy Averay |  | Far neors apurace | About Bopet． 1 |  |
|  | Searcosy avorabe | Fishut <br> Senroly avaray | Undar average | Not averacgo |  | $\begin{gathered} \text { Early kinds } \\ \text { polut honvy } a \text { varuge } \end{gathered}$ |  | Mach bursed ap | Aurute 20 Anci．w．Ratrons，Lagg． by Ay |  |
|  | Alove average |  | Helow avaruse | Averngo | ．．．． |  |  |  |  |  |  |
| ExRmbthasitit |  | Alyuro a arotarge | Cider average |  |  | Lndet averago |  |  | About Abg ． 15 | John wilaunf Ealiogtom |
| Hatons | Averogi | Averuge brt Nery Littlo Mown | Fuif on grod |  | ．．． | Onoal |  |  | \％ | Stratcear ，Auohneml， |
| ENGLAND SORTEICMIRER LAS） | AveragoAbove arorag：in builAveract | Under averagy | Tery poar | Averarg <br> －arious <br> 4 varage | Avixhl <br> Fex ytamb | Gwad |  |  | A少 20 to 颗 Augunt 15 | Whotmas P Dods，Aniel： Grange Hexlium Quo．Id loge Cornibil！， |
|  |  | Abovo aratmint Average | Lúaer averngo <br> Much undor aterino Lideraremgo |  |  | Fair |  |  |  |  |  |
|  |  |  |  |  |  | $\begin{gathered} \text { Good } \\ \text { Orer aver.gse } \end{gathered}$ | Nover more prointring Tumbpover ficrindo $\mathrm{f}, \mathrm{Hr}_{4}$ | Hey good． pathires burat Oter athrago | Aomas 26 | Thoome Gilbbong，Butre <br> foot，Ealc，Longtown |
| M | Ofor apera | L oderaverixu |  | ＊ |  |  |  |  | Alvert qucona |  |
| urbay ． | 0 | Arentre | nidermengo | Good |  <br> Fow now | Arenge <br> Good |  | 9 OLI averugo <br> C．win aterakc | Inst mackic in Atrguet Agosity 9 | Robert Eland Dixon， Fern Bark．Darilistón George Eroltan，K1m |
|  | Avorago |  | sand |  |  |  |  |  |  |  |
| くはいへ！ | Much Improvect britinituturdined unelos avango |  | Short tr REAEral， but ful swoucy |  but full full strergy syontere ofop |  | Yary good， avorage crop |  |  |  Supheruler exse Chtwitio |  |
|  | Bearcely ar averago |  | Unior averas | Elibort，but wall Indiom | Ower mituge | 2tumatrins |  |  |  | 瓦，3．Torraw，Tand |
|  | $\begin{aligned} & \text { t:rnaiderably } \\ & \text { inter surage } \\ & \text { Loler werrigk } \end{aligned}$ | Avartur <br> Avoruso | Undor averago | Go | Gowd | Too sone to junde <br>  | Promitang <br> Averago： Whnt ritn fromanalig | Oromt moju | Sugurt is ${ }^{\text {d }}$ |  |
|  |  |  | Yoiou |  |  |  |  | Averame， | urimet 15 | Oronsom，Rafir |
|  | W | Ararise <br> 5 butibuls gar <br> 小reruft Fair avorage | － | Averag | taveras | verage |  |  | Septemluer | Fields， |
|  |  |  | 19 bushola per tore velum average Oothataly 1 Lebt and dotidenent | 4 bustiels per sere bolaw <br>  Finl averach | AFOryat entp <br> A heavy end very good erop | Lurit crop |  |  |  |  |
|  |  |  |  |  |  | Good crop | Earls quwn Turnipa tery good，thuse powrlato $u$ part Rtrung hatila bud | Craat ercy | la thene wenks or a manth | meicl Whey，Drurtels |
|  | ＊serngu | Better than $\begin{gathered}\text { yeqr }\end{gathered}$ | Grod where in cundition | ceras | cood | Iramiluo well， but want ruius | Prounise wel！ | 13ns boen good， but bow wans wat | August 12 |  tract |
|  | Thin，one third lese than lant yesirn <br> ［＇mier averngc， bit inn roverd amaximply with－ in the tant fow week Hiol！iniparesi ately，5retam | Undor asperag | Rad | Gow | Lood | 3 coderato | Protnitisa wioll， if ruin conice | Gound | Lat weck In Augrast | ariy Vicholeon，Rtur 6ul（tringe，leeds |
|  |  | Good （Dieravinhyo bust very mueli inupruted | Good <br> Light poor crop getemily | Butky；strew nut trel． podided | Above ATorrye | $\underset{\substack{\text { Splondid } \\ \text { Fiver } \\ \text { poor }}}{ }$ | Went min Looktht well， want rain | Goorl 1 ery groad | Ead of Augrint Auguy 19 | Willina Irvine，Waltax <br>  <br>  |
|  |  |  |  |  |  |  |  |  |  |  |
|  |  | Jair | Unalor svernge amu ELurt | $A_{\text {grod ctop }}$ | $\begin{aligned} & \text { Good; not } \\ & \text { many grown } \end{aligned}$ | Good nlont of 1ant year＇s crop | Swedas zato raily boalthy Yeangel grodYery grod Very grod | Clotretr bad ： treadovan full avarige Fawt ato 6（0） おねい！ | Fitst waik tol Jas．Withinsub W1uthy， Bepteniber |  |
| Hucastire |  |  |  |  |  |  |  |  |  | \＆ircintay Clutcow， 13．${ }^{10} 5$ |
|  | Ititms |  | 1．anf bactur |  |  | Averago |  | 1．wis arsk， <br>  | Malk it |  |
| CHEstine | A littie under uevrage Felow aperage |  | About avariqpo thalnw averapo | F＇ing protrisc， <br> but fojtrocl <br> Not Buthelans growh to <br>  opitured | Nothe <br> Not rulluterb frown to opimata ．．．． |  | Faut prochiso | targe | cuart | nester |
| Derbishbirle．．． |  |  |  |  |  | Good | bufferlag fro drought | $\begin{aligned} & \text { Good neyd woll } \\ & \text { got } \end{aligned}$ | Ead of Aumam |  |
|  |  |  | Averigs |  |  | Excollont | grod | Nimer betier | Eod di Augus | ， |
| UnCOLS | Utder averab | linder avera | nad |  |  | Yery few $\mathrm{mam}^{\text {a }}$ | ${ }_{\text {3 eng }}$ |  |  |  |
|  | I nuer avarag | Avernyc | Fact | Phir | trouk |  | 边 | cry goo |  | 边 |
| Sin roturn |  | （1）\％¢т0\％12 | Full aseray | of fly | rory bu | wor crus | Hemunt in | Lny a breat | Augurt 16 |  |
| mate up 10 dinat a wasa to bo depentled ＋ea． | （Laruamilis skuthis |  |  |  |  |  |  |  |  | 15 F －it 44 ck |
|  | －Avorusio | 30 | Atarat | Woder average |  | Frivefurn －th sue | Protunits <br> Tvo me very |  |  | Folkinithem |
|  | bery stadu catr， <br> ＋ii ！mowd belv： A7 А А | A bilerul． muct noreo thalu list year |  |  a lage 1.11 k or ytrav，shot of lent | A farsionp but fom rif wis in 8 thity gutrt | At｜ren ，faction名和 104＂Es． |  |  | tal |  |
| 1 Xut mu pund ： <br> 解 yerr． | Sers wartmiz couct roct：faller ainh atorn： brukan | （ivad a fill averrily | Gioul a fill ararug | Gredt improvod，s tolf averalze | 4，arlurss． ataliy erver ，attackert with ，aplis | Yint pinstrimutas thaky ylauts h ncenyldy fir watt wis rain | Ifanct 5 a fux averiste． Turnips mir． in watit of ralt |  |  |  |

## THE PRESENT APPEARANOE OF THE CROPS—(Contiuted).



THE PRESENT APPEARANCE OF THE CROPS-(Conthued).


隹


| COUSTY． | Whest． | BARLET， | OATS， | beave． | peis． | FOTATOS | $\begin{aligned} & \text { Roor } \\ & \text { CROPO, } \end{aligned}$ | GRASS | $\begin{aligned} & \text { WHEN HLLN } \\ & \text { HARYNT } \\ & \text { GENBRAL } \end{aligned}$ | AHIE AND ADDRESS． |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| ENGLAND． |  |  |  |  |  |  |  |  |  |  |
| OKPORD．．．．．．． | Under averace and some bllibt | Average，but bad on throbg lend | Under averago | Good | Very bawi， matich | Sound at preasot | Full plant， rafo whited | T＇acturse regcition | ｜Augus 10 | ｜Matte glyiders Bandem Iodge Farm，Chlyplot Nothon |
|  | Fair averago | Under artwis－ | Avorago | Aadly blighted | Very much | Good | omite | ， | Auguris |  |
|  | Avernge crop | Below avernge | Litale chano ； <br>  | IWintor Beann <br>  |  | Looking well | Good gilant， wouting rain | Parcheol | utadieot Avg． |  |
|  | Farinte ；not etrerago | Foll nternge | Ifight exop |  | 3Lany ptares | Gereraly good | Promising | vory gowd |  | J Wryah，\＄onsthleigh， |
| BLCKS ．．．．．．．． | sighly bulow uverako | Much balow <br> arerago | Averags | Abovo avorast | Ауетидо | E．rrls－abundant ater promainins | Goal | H．yy sery nuau | Alogust 10 | TG Duncail，Braumell |
|  | Over averago |  | Spatarepwn， | ery goou | Geiv． 1 it fow （Tinwal |  | Vary grad | enved | in a fuw | arif wava Baxmag |
|  | Ovor averngo | Undar averecy | Under arerage | Averng | veripo | Averago | 1 ader arerage | Overaterism | gigut | ch．Munistur， |
|  | U | ab bulow | Muath balow | Fatl strow，ith | Sery bua | now | Goonl phats |  | Asyu＊ | \＄10xut Jer Fraser，thes． |
|  | $\left\lvert\, \begin{gathered} \text { Exceilent on the } \\ \text { mod mand } \\ \text { crop on thin } \\ \text { ersined exds } \end{gathered}\right.$ | Falr Average | Averago | civod | Good | Good | Grood planth mit mow koing uft | Min ol ka hay，vut＇no 4 termath | About Augtist： | Julin K Fowler ${ }_{+}$l＇pes berdas Finfou，Ajlet <br> －blarg |
|  | Good，If the HIT hat | Very rood | silchatly below <br> avorage | Winter vary gope，bpink | Guod straw， abort of corn | Not manny grown | Hamgoly ex callont，early | $\begin{aligned} & \text { Very heary } \\ & \text { orop } \end{aligned}$ | Ahout Aught io | －Waidesion，Lprat Wilecheadou |
| Fsbex ．．． | Much improred from the spritho （ out sartes very frich，cannot to quitu an siverage quitu an siverge | Not fomerally good ：ts ．nll fered from tav cold and wot In tho aprigy： 10 por centi leas | Generaily yooci theternther ahort thlly in averut | Tho wither <br> kinds good， opar an aver ano tho Apring kitud nfleted by insects | Thoentry－kima pretty soud， the Inier oftes mucla bightod | Plantod well， tout have saf forrad from the droaght，tracht be 0 Ilshl orpp |  | A great erop of hay，remerilly wull got | $\left\{\begin{array}{l} \text { Auguat } 2 \\ \text { g, uncoutll } \\ \text { to modl } \end{array}\right.$ | John Clayled，Ylth <br>  |
|  | Soma rery zood， but many fiolds noot－fnilion and injured | Good，but note hovy erop | Very good | Vary heary orop of otrim end fifir quin－新 | $\begin{aligned} & \text { Very rauch } \\ & \text { lojurudit by } \\ & \text { Apluin } \end{aligned}$ | $\begin{aligned} & \text { Wery enank, ex- } \\ & \text { opet the earrly } \\ & \text { kindy } \end{aligned}$ | Very | Very mhort sad dry | August ${ }^{\text {a }}$ | Willinul Impoy，Rerome Bigad Flisec，Chaimalord |
|  | Linder averngo | der avoruge | Lsder ayerago | Lnder average | tinder average | Luder axerage | Hottor plant than for atye | Aburalant，and well got up | 1 August 9 | Abruban Fardy，ren， Malon |
|  | Greatly Im proved ninge tho ofth of thin month＋average | $\begin{gathered} \text { Woll varod } \\ \text { bubllky and } \\ \text { above average } \end{gathered}$ | Cood average | Averse | $\begin{aligned} & \text { Atbind of a } \\ & \text { arop can omly } \\ & \text { bo expocked } \end{aligned}$ | Froos yst from ditronac，tubert 8 moll |  | A full crop： talembly well stecured | Bome cut already Suly 30 | ETarry Dixon Dorwaris Holl，Witianm． |
|  | Under nverage | Aversgo | Mars． | Or | Over avoraio＇ | Trerase | Good：over ； | atapo | August 5 | Tlptrow |
|  | erago | Undor averago | ood | Not good |  | Good：but | aratis | Wadane arop | About Aug | Buthlu，Dantrow |
|  | Avarnge | OTer avergis | sverago | Oret nverage | －2aly Pous | Good crop | Wrotrain： | Opor | Angunt 10 | Budiam，Tum |
|  | Shot－fallon， bitghtod bars； nach under averag | Not muxch arown ruthor If bit erop | About averaga， bat fow growic | Winter open bettar thatm expeoted： pritiar muen | $\begin{aligned} & \text { Yoon brop } \\ & \text { lalleal hy bico } \end{aligned}$ |  |  | Grod hny ：but <br> ｜ne afler feed | Abgrutut | Chatles Harvey，Font－ near，Southond |
| "Wght hud |  | Avarnge Unider Hetery Above averag | पpdar nvarime Avarne Atartge |  | Binder arurace Under Hetarmat Under avorage | U4ita M Under evarigo Uider atarayc | Averag <br> Avertge <br> Hathycle ter | Grood Good Gomd | suycurt 9 <br> July ${ }^{\text {a }}$ | W．Exuter，Hamy <br> on－Etil <br> Mitchell，Ent 1 |
| DLfar | derane $\because$ ， y Lschtadetar | ATeramid | A ersuc | Oewr aseriace | 4 ¢ | L／n Retug we．l |  <br> Wasmel inites aterake． | t．set ．averige | Abstint is | 冝析品品 <br> Thomatr Heweth Otw ford |
| BERKS | Averupo nearty | nider a＊ctaxt | ATerse | $\begin{aligned} & \text { Whore 3Fer } \\ & \text { Rgo oughtod } \\ & \text { in part } \end{aligned}$ |  | Proumitiag | tharited <br> Alangel Muree．gork tiwerter smad | Abrininnt ind well made | Now | E．Wi Montr，Colestial Inghtruerth |
|  | Averago <br> An aternge | Huch abevo aturngo Gyer averigo | $\begin{aligned} & \text { Probably } \\ & \text { Ovor anger } \end{aligned}$ | Oood <br> ATEBEg | Rather over iverago Averngo | Not rouch kTomell ficry guod | Burly nown， grod <br> A goon plant | A pood crop． anried vary well Vers shart | Auyust <br> Anguat 0 | Finu．Bulskrede，Mount Firma，Looktam Deat A．Alpams Thutchatb， |
|  | Vory vertabla， tarny piew pory thip traer atarng | On well fumed tanda promuleses foll averuse but | About arense | About nvornge | A foll Avernge | The formard <br> planted tery good，but back | Numer pro． maled better | $\begin{gathered} \text { Mendown rary } \\ \text { good } \end{gathered}$ | Sext weok | дear Nembury <br> Thonazs Owita，Claptan， Hungerford |
|  | About aberge， <br> 1 bolur mutch <br> （mproved | Sove avorico | Full average | $\begin{gathered} \text { Generally } \\ \text { good, though } \\ \text { Bome Litit } \end{gathered}$ | Fery virioth later sorta bad | Early plamted very grod，late planitad mbort | Swodes paterty ；an othen | Good Clotera and Crincts，but burning ug row | Hbout trighat 10 of 12 | Martin \＃ope gutbict Reading |
|  | About nverage | sterago | 1 erago | $\begin{aligned} & \text { Barely } \\ & \text { verd } \end{aligned}$ | Aversgo | Faltr | Good plant whers towi | FL－at crop protty goid，sucuma | Avgrut ： | Willistri Demic，Snu＊ risko Farm，feng |
|  | Under avernco ripenitug watur | ＊sarsely กา averay？ | Averuge | Areragt | Aremige | Aremze，no | Plant good， <br> bet requite | ixdiry 하년 <br> Claver ilgbt： <br> Salniofo and | J 11328 | butrtie <br> James lifitbert，Streat <br> loy，near fictidinis |
| WILT3．．．．．．．．．． |  | Over aserago | Orer average | AYorage | Averugo | Good | Meseth grod | andures rodid Averate | Angust 2 | Jntuoa Rawlenem，liw． briupe，Whiton，ksu－ |
|  | $\begin{aligned} & \text { Defictant eare } \\ & \text { thin ori groulud } \\ & \text { not avorago } \end{aligned}$ | Good average | Partlas，mot a good averago | Wiater Benns nite good apritug un | Goout | $\begin{gathered} \text { Promising for a } \\ \text { crop } \end{gathered}$ | Fine pisnt Wabl rand | I＇rontising，buit | 10 day | Gcorge Bruwn，Calme |
|  | Comeiderably below avename | Not AT trage fn the country moomally | Above nvemato | Abote Aragerige | $\ldots$ | Averuge | Good | SLay crop above | August 5 | Cynus Combes，Draninc nnd Irrigating Enit nem，ten，Tathery |
|  |  | \％ore | Feriotan: bualy | thout everemel | Underamema | Eas oosen * Sund | Nely cow promithy | Orew mange | Abyme | anmal Arkell，Ien Eitl，Bwiudon |
|  | Full aremago | Eraty Bariegs very ane | Over wremare | Orem avaste | Averago | Tory good | Sharttog | Over mathroys | August 10 |  |
|  | Greatly 10 <br>  <br>  | 4verabit | Farls sown ankid otlueris very inferlor | Cona | cood | gmall erop | furteh <br> Fhedote初 conidectíar | Wactigg relu | Farly in Bugtat | R．Stmattor，［3utster．$s^{\prime \prime}$ owins bus |
| GMMERSET | coger nverige | cmico | Good，but ahort |  |  | Goad | thate le <br> dirought <br> Good nlant |  |  |  |
|  | 5 bumbela per acre utular 25 ㅂㅍ풍 | \enrty amorago | $\begin{gathered} \text { A littio under } \\ \text { iverage } \end{gathered}$ | Asemgo |  | Fafr erop； difenced | Maggol Wrr zol good； | Good tran of lany．patures | Augure 30 | John B．Collynen，Delv Ferstor Fallor Farthing，自此way <br>  |
| Ment | Zoy wheate on beat jatud not ond－third of an ntaramp ；the brorte crop of Wheat for miny уецㅍ， | Yery matimis： some vers geve t tray be pverage | Orar averige | Great Breadth <br>  | Varioun： auder average | Exeltent quality | Wantsor rin Exvellart piant，want taln |  | turut | Rnbert Mateon，Wing hatm |
|  | Average lot titer diferricts | Yartour ；mint good felda | Burely averags | None grown | Averate crop | Looking well | Conemally | Good ctop | August 15 | Mark Saniluard，Yartio， |
|  | Eciow arengo | Above atimago | Above averago | Winter Benns | On that whole P |  | Kangal ynd |  |  |  |
| Bunser | Avarago | Averago | Under aromer | good，mpring |  | atrot giod | Swoden good | henty |  | Th Trander，St zotet 1 nex Thythts |
|  | 4 rougo | averayo | Under avorggr | Finter good， Eyring poor | Early good； lato blyghted | Disenaed in plactes | Magel vory cood；alleetrod by droxtibes | stendow food： clover light | Augant 2 | 3dw，Hinder，Woidag |

THE PRESENT APPEARANCE OF THE CROPS-(Continued).


## Zante dorrespontuerce.

 it would have made a lean bresd-baiket. Last year's, tolerrbie orcug, bat many pandens are too far gove to it would have made a lean bread-baiket. Inst year's tolerable oropo, bat many pardena ara too for gove to

H0 or 50 tons on a solo farm, us sweat aud sound as warm weather, will, howesar, help grounds that shaw when they were taken us, nod slock of all kirdt feed.


 No air, Do growth, liz hid
Crops in $\mathbb{E}$ anit.-I again forward to you my opinion in respect to the proppecta of the comiag harvesti What on our best mad dryeat and a proad crop-quite ho averago; bot nuder vernge on our pold, stif, and poor
clay lands-tbun on the $k$ ground, small eared. I ind in the majority of fiedds much not filled out at the baso


 good prices on the warmer sollo-must conshder this brown in apparracce Larystrops, we poneral absut the



 good Barlor. none grown to spak of. Our craps 10 this distr cl recolleotion, and tecured on eroellent condition: the b. ghtiel eatre, whicu may reitler an as erage coublful contrust with lest yeat st very great Stook will be W Cubtt Barton Abbru
amply provided with food next motes. (Yur root erops are at Eld ghdethlul for want of nin. Mange. Wurzel a good plant, but much in baok ward. Swetes I cannot mitte much in their fyyour as yot. Hops are yon improvng in those grounda whioh have been able
disposition to rrow 1 [or mard to you the nmoust of nin fillen bere for the two first quarters of the year thate in conpunction with a cold spring and early summer, will give you some udes of the effectes it profummed on our cold and stif clay hnds restspg on the
 Hestings and formiliod. mastive on the ibove forma sying that the oily sands resciok ou text and the feant


 of August W. ghted eata, whece may reliter al averaga coubly Worcestershife Crops. I attributo tho goneral fature of the Wieat crup to excossaly heat and axour sive molsture. The untonge beat of wht summe urat out tho regetable demence
 and in many mefan res nostroser it Herio the change nouriburment exhhithtor in in thine spring sund spmimerer.




 Balt Water

 oflity: I nom
Mater, as some of the farmers bere will insestion filling

 the stern from the rowt nhout an inch belay thesur face of the soji, Had Mr liarzey taken haid of smane come ontion tha gronod dissevered fram the roota I think he olught to buve done 80 , is it would have prevented him formint fif erroneons expectatien the ther are indired by theselt water that ruas through Fouldes in thesummer only, noteflling theditches, is he describes but ronnug through the island onee a fortonght ab
Epring bides, whioh is of great bencilt, in os sumtary Bpring bides, whioh is of great bencilt, in o santary
polut of Fiew to the indabilants of the jsland, and point of Fiew to the iahabilants of the island, and
alep in retainimg the freats water in the 品onds for the
 tue of cottle and tha working closges, and dogen 180
injury to thegrowing crops. Havinglived in foulness 99 years texi \$isholmas, I am sure I an not pre-
 piers of lauds, \&a, in Foulacss Johs Pormone
Thack and Than Seed. 4 \%
meoding is a pexed question, and to my mund must remsin to, for the yeils of England are so variou
 of umil nece elt The scedigs for Whrat in this numbth

 tou thelk, I Enviwg dajnign abit on mome wall-fanmed feld, eaved by sthinsing of the plamt by inseots
 mo well that the themer part of the tield. I jurge that





 eneratiy paid well, and the farmer 4 T+unt ue gets, therefure thege three condipt by the tenagt-farmer. Does Mr. Mechi,
of bis thin-ageding gad bush farmivg, keep o. For according to his last balanoe-shegt



frequontly feurd from the dry wasons, and pattly from
 thank, wemerbot defionent in eorre, from tho ungentid






 to eur sail, if phated simely, so wh to we well ista blished bofore the stimmer itrolights, Rpe 18 gmy iseu of whent on tha poorwat abl, wnd is an
iate frosts. Peas yre not well podbled, yporthere by il e nunatety of haralm if got wip well, this mill be queful


fly this Faar, in fact an sbsence of all ingect plagues brept tha कreen fy and aphix, whick hewf not injused crop of meadow hay, for the most part mot up well


 $=$,

 ar ion conbi, avaling myself of the servicez of the monet
 cows mey retara, by the sale of their milk, from sol to asl. monuaily, while by the sale of butter and skimanilk oldecsa, about $16 l$. per comp may be expected: a considerablo difference uertairly, but the expenses in a butter datry must bo muth lesg. Woald breading - T better for skim-mile than the menufaoture a larga scald would In maged farm for breeding jugs on tural novelty, but still the question remams whother a dairy of Channat Isiand and Ayrshire cers for the in inufacture of bubter or tho system pursued by tho osmer of the justly eolebrated dairy at West forms or the produce of malk kent by Mr Telfer, zear $\dot{\text { atr }}$


## -1


rBt-class breaditg sow in one yent, and how many such
of a wall-axtsivetad anre of good land. If any man in bogland cait thel and truly maswer theso questions of

## Societier.

 irnett, Mr Bramston, Mr, Cantrell, Cil. Cbailoner Lrnett, Mr Bramston, Mr, Cantrull, Cul. Cbatlouer,
Mr. Davigz, Mr. Drace, Mr. Branareth Gbbs, Mr



## Bennott, Alfrad W, Winston, Josea <br> Eenntur, Owen, Cresqell, gtoford Bhyth, Thotnas walter, Alíizgtoan, Erooham <br>  <br> Gandy, Menry, Erien Grove, Heyword, Jolin, Whetember <br> Ioman, Freriariok Maulkin, Chatahall Grubge, Saffron Whtder  <br> Monckton, Francis, ftreubb, Patikitdgo <br>  <br> Echotetr, Fuliann W, Buckley IIIII, Rocladnio <br> 

min of the fompnitiet premented the Fepork, lremp


 Tris commantreo remammend that the money on deposit

 3) 3-matori


 rembander of the 90002

 "ár I rire whatan mart




the sum of $725 t$. has been obtained from the purveyons of rofreahments. This resulb, Which ss quite unprecerdenter, combined with Mr. Whtworthesinderngabe efforts on behtif of the Societg, bave induced thi
acmmatite to regommend that that gentleman be asked acmmitiee to regominend that that gentleman be asted to accept as an acknoplodgment of his serp,
sum of 150 guitueas.-This report wist idopted, Hocss.-3fapor-General Wiscount Bridper ?r man) raportsod that the houss repuired paining paside and out, and that the commutteo recom, aendid that report was of 100 ?


 reported that ho was ertishod with all tho show ryard

 amonnt received from the exbibitors of alock and
imp.ementa ab Maucheater was ajevt gv ind nad at

 yard works at Manohester bears very nenirly the samo
proportion to the anam patd by exhbitors for tho mace proportion to the alam patd by extubitors for tho space
theyoccupied, an wha thecase at Lencester, This report : adopted.
GENFEAK, OXFORD-Cord Walsinghan reportod that tho committee recormand (i) that Mr. Drepo and the surrejor bo enpowersd to mako arrag ments with the $0 x$ ford locsl authorit on for levelling
the gromd amd Eupplyiag st wath water, os well for depostitng the Footetys plant fhereot ; (2) that an the recommeadation of thi Sayor of Orford she names of Mr Middletron of Catlow, sud Mr. Nawtor,



 shown upot the originat plan, and to ablatri for that
purpasi the necessery nortion of the feldi a nomalor. A letter from bar Majestry Consul nt Copenhapan, formarded for perused by ondar of the Sacpotary of Stak or Foreagn ATairs, was laid before the Conmel, I how held at Conenheren from July 6 to 10 Ervinsive In thas letter it was atated that, compared with ato Fige and resgutreos of the kingernina, this

## atreest anl best ever meld un benma


 1EStshenp, and tum
 and 80 semt examples of gardon yroduto filant

## JaTH AND WES <br> $I_{\text {If }}$ y 7.-At, the umal meetivg of the Councit of $L^{\prime}: 2$ M Nooioty, Sir in the Chair.

The Presiderst opened the procendings by备 eloquent tribute to the virbues and tilento of Inte Iorat Tannton, one of the ints Pren dentes of the s.ons of regret in the comaty of hor, rot
appointed to con.
 tipa repor reeomntending that bhe namber of ordinary Coural mpetinpa be limited to six n year, nnd thit the Hotol, Duth, where ample socommodation hes betn placed at the disposal of the Counctl by the liberati'y of the directars, to whem of vete of thentse wes per. of the Coumcil and ardered to be oommunicated I the Seoretary

 TWontyeno sem membert werate ofted.

## HMODLABR1HE AGHICLITI RAT.

 last threa days of last werk, It Was a graac mistat homever, not to hatre had the animala and the judg to have had the cloang day on a Saturday. Of thi
 ticeir repetthon. Hhere Ams some othor ponints whioh

amusme ${ }^{\text {It }}$ the publio, and to $a^{\prime}+i$ in
regard to tha farmer, public judsing ts inte to extribitors and others who meve be aff


back- Thore were git motapelitons for this rap, and Aater lot of abimila could not well be coliected The t-peatabid luanter geldings and lillies forms Promer, binche mant by DK in inuom In ife former It dat lle is a hequtifis but I Rht hay The joly














## 3R thictog





 dauphter han here qivea us No mine wholemomat brok

 complothy than by the tulbect of this motuotr. The empriltumen nilftin










## Farm Memoremd․

Bespritick, thave lititatit, ful? Thermpe




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 inta single thotrimesis.

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## Chale Soeds for Presont Eowirg




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$\qquad$ 1s. min
 - broet from the Growirr the moty Ethotial Tus and tils STp Gppoinimona




Gardenerg' Chromite.


  11: 쁠

Herke to the courtesy of nur correnpondents to minhiml to present our radera foth a
Th on the conlituon of tha F'rcir ('rops prone nt sarion The larpe number of $n_{1} 1$ the will area from which they are pill aerve to a very great extent in (hur repnrt is amply full atatement. Gor condition of the comp nit the country, though our apern diom mat un to enter thto detanis ask tas the out information is derimal M. .
informatimi in gir a
 in a soparate colmmo. From these it i. tho cold. Wot pertod when 1 lom , followed mat what by wrim il hot tanperatitre, en a result of the 30.1 g frit wita theit If the crimditions l, expmary rind fall altituln, proximity th
 smportant character as regards fruit Hern thits we should $r$ ftell fall to reminer at thin rasuo of the uregulartuth int the on of telghbuting extalilishtments. Triking ablo ad it at unatu the general tosition may y thus ber atated - Aprocoth, mach under ot everywhern Aicica, under arerng an hatran erop exert where but


 pretty wimen to wit, Kent, I'eachen and annea, bylaw average everywhere. Fige tily below the mark, amall fruite for the iput almulut efarywhen Fillotha, extraunder average
are happs to the able to annmines that the - Antifeititias Bili meretad the liogal at on Windreader last. A fow amenduenta a mude in the bill in ta peasige through the $\rightarrow$ of Lorda. but in principle and in whbthe Conmons The Bill will not come into tof than May 1, 1870 , neverthelees, for the tof thear reputation already put to a conenderman of the purchase or salo to ewed dealera mabered man! "such an goll unc. [t will he matered thet tha Rall has been frometred himplif anal mach ris mathe by the mem I bedy did ini frenfol-ly grappin with the May at Ir ant cragnutulate them hoartioy Tho en firnt objected to the Bill, and did whe lould to thwart ita progrene, and theoe, too,

1ncluded rame amovis What Mr. Briosit callex hogaver, to any that theme firme inlfitratoly m th
 prometers of thin 1s.ll d.d nut las laitn $t$ th.

 then llatas of 1 tatnons wila Rmithit there wawroderfulty Ittios groumal for ass limet if that
 over, firther nhowti ly the fint that thay aro newht frmig an assocision to carry out the rrovisione of the Bill, so as to make itta operathat the Rovil Iforticultumle. We trub now that the flll hat peased into law. see that theur wall-meant objochons were reglly under the circuesstancen futtle, and therr propoala imponcticable. Nevertheleas, we think tho Socsety demerver the thenies of the publuc for the part it took in calling general altention to the matter Ifnsing gatued therg point. we do int

 holp might have been experted thitw butatio In the way of mmening then vary . wilu whome existenco they dom satrated. Whe am rot
 to rugurys in tho aned trade, but at any rate them can mo longer be the glightost excune fir respect-
able frms giving wiffal countenance to duhonest abie trims
prechiceos.

We leam from Hamburgh that the IrtiseNATIOXAL HORTICTLTCPAL EXHIBITIOR Is mo entirely Fuccemful surand entries, is to threatea to orefflow the hrates which had been congued to it The exthbytion arounde, we are hoid, are not large anough fur the
requirementa of the show, end the bu diags arected do
 cation for space for coniferous trees slone strouth ta to fil 000 nquare feet, and for hothouse nald rreenhouse platite to einm erfure feel, Inder theme circumbenus ful mendew, reparited fmm the exhathon and a anly hy a bighmad, has beers placed at ind it uparal


 hous pianta tru thatheo wat be taved for green-
 an ampode frutt-houre with outh baildion will be moasiructed. The Committee aleo state that all the Worke and buld'nes wit he fitithed in time for the
 street, Londun, mbn bnere hean
 tendingexl, br lurs athu'1 wr te to them at the ahase


 meriar the mames of Memproblameny A somas. for Conifers Mewin $F A A$ switic, and Mesers

 tinsere. Mz IICDArITE, for remantta worls and
 requring lodminas, phould apply immedately to If ()bear Gosolet in Hamburgo

Royal It wart cultural at the geaesel meeting of the Roysil Hort. .ultural fociety, August 3, thit the plant





 bitior fruit antroduced by the taved from Africe As,
 on the gabsoot, and C Anguria is not knomith ifricm, it ruay bu wall to notice the pointe on Which he comwhitioh of cinereona lesvea, whito this fintion bait the bitter frat of C prophetarum, but with much amaller oubglobone, mors sumanoun ma deciduoas pepos, and less regul apine than either of the other two supposac aperits C. Apguria ia widely ditusod fo the warmer parta of Americs, sud an ergument ia fornur of it pring indisenoun in darived trom the thot that Cuour Sostle malidence jur bab
of the iewres, than whithath or cinereche thet
leaves of frat, which is nuturiousls variable
gepus. If is at least a monolation that tha for wirch monnaturily appeate in Weat Indian priklex an oot poswonora, lake that of $C$ prophetrana, and
 atherell befure the envel pro the selels be theo hitel $M$ / $A$ IIt. We ware kry to learn that the Roorewnod

 that we maj st mion the at ast for hued out pirsmion

 . Weaty II xbould he a dous that the plat, an miaht hase been
a moult to ciltisate
 forwhil in an las grown in water in a botlle that han bren it ghily rorkent The eftiont his heen that from
 an detrely as to roper tha ntem thirlly with a white Anmbigy mise. The meneral rementhlance of these to the AkEIAL ROOTB of Orchids wat so greet that we were induod to submit them to merosoopic coventigation, When it Fan found that the propesen in question wert



 - 2isestive



 mupplied to tha noit in larger proportion than man bo the rum 2 n oritinary flower-poto, nad the whear moplied in the plant will be softened. Tt reatuling to to meen Whether thewe edrantaces will be cerured 2 D practice and alon whether the rhervoal flawer-pole whf, in tho tatrondurept sasert, reader the inltiare of silanta iowna more exis by netitralaing the ill affecta of sulparamus ard kat Tho anme lirmanoo atruduos " aned leth," made of piate of rharcoitl with jurallol drill or grocues is whell tle neads are in to be gown. hangen then fiolay." disiden, fihent under tho







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 ibimes. reem to be spreadtre raptdly, hiviag no donbly in the first instance enesned from midena, and, fadiag muspend an it chatite minuenial, have apron, and meny




 Wis the pilat "wital (s'ert. ara -or wimplurus -the

 trated, a rmett ir after the mantier of a Med ek, hint
 that it was to a wertan extent byporargogean fir the hner branches had ryend their frit. and tho pods germinat, $n$ bisud a.ranly comtiontuad tir highes parta



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 puict, ar seseral 1 mbehiform, all of them imali mome with seliow, sod mome whb whit flowns. Om unous Caryoplyllectour pluns I whohed trith citic ruteresh but, uniortuactely, jurt befort it ametato homm my pmy ste tit off
Tbete plente, on I have before mud, aprisp from moth which invec come mixed with cotton from all paris of the word, and beang reattered lad scrmanately on the Fround we are unable to amertan with cortansy magtheter as to the I ofgan, further than tha bare fact that the aneds hise wran mxmpith miting ithere-
 Which rontan the grasiert number and wapials of apocimans sem


 height nf hatwemin and ? firef
bise notioed, but fow lCruifors, Lepidium ruderale bempe the only ore of Whioh I am cortsin
In looking nere mentin tn pink the epanks. ou, a, an siderable number will tio doubt ascapo notide on






 troes. bave examples of moats of the seede that I havo mantioned, and a fow others guth as Dates, Colfee, and several more. The Coffee came from ste Domingo.
 of s gpecimen of the human rioe havine been onge fund for flon ecturay of which I caunot upeat, but fur olizari, a rat, and a monkey I man rourh


 cotlon bales.




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 grater, same of whith scem to the NilleL I Late a Of the Papmoers wh do tot fand many teeds mazed




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 J I : Eve fotand Lemainem roulerale growing, nod I thiak
【tavan




 to the Ams rantacezs.

 lhensa ir feas, but I have now found tho or fimernj

 the Capevitup, of Thich I have meed a

 is one allustration, Cichoritum and Bidens arg others.
The Cinchonncese are represented by Coffee, whith is to be fornd in ooniderable quantity mixed with ootton from St. Dom
other kitd of cotton.






 Thege are the stems of varlouv olimbing and other fants which are used in padee of ropes to fanten u] far of somo lBrazilon cotion. Somes are bager, Fhic

Nate crape to hata hran anaked in water to make them
 a number of stemb bolonang to the Nat Ord fimpo




 -hath of liark grame rithers sem mi to be (imelaceso




THE followint papor gives the rasult of some axperi of 1863-9:-
Thas semen what a remartably mald one, prerealed by
 whleth will be freals in tha semolleetion of every mive













 in thy counatiry by samilar meano
A corerting of dry litter tis the most mople meany we a prinoiple that may be mede subasiviont to the thenter
 and reader ormamental tha otharwise unsight, \&




$1+3, i 2 \longrightarrow$

The continatid ity fiflo of thana fir wh toral trees
 Homper are ernw, ne moat uxamently, and mbadenme
 ra ment ous the hark



 ert +111 te 1 h , h















 the game parclen at Rose Kill Cannas are gromut fult







## Gumnarin mandenth,



## G tur I mitrana Puck

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## REPORT ON THE CONDITION OF THE FRUTT CROPS.

[FROM GHR OWN CORRESPONDENTS, AYGUTST 14, 1860.]



CONDITION OF THE FRUIT CROPS-(Contirwer).


## CONDITION OF THE FRUIT CROPG-(Continterd),



## CONDITION OF IHE FRUTT CROPS-(Continued $)$.



CONDTTION OF THE FRUIT OROPe- ( (mammed).


REMARKく O TIIE FRITT CROJN (OF TRM)


 The an wo the reat :









 Walnuta and thoso I fear wilu nofi mhe meve vary fen eome very fioo wenther Damall Judd, Hatestome the randens hers we mppear io have hat surne liocal advantase. Of thase wn liave more tian an averame crop, whist in the nombliburfiond they ete courparm tivels thin. My trmas vary in herghs Iroiri if to of foel end are traised in all madier of formz. The werinu










 5ixwin


## Di, <br> $y=5=v=$

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 thibited too smo divese ander slime Prompt ird momed the oply winy of overcoming ite evlas if this incive $D, T$ Shh

 Hare in bloom, end to gereral innt of vigour arter cha








 frat is fast fallink off froms want of min bitstifrat budy iafested with green- 1 l y that wo mere obluged to





 1 fower and the sativg of the fruit in Merch
 were never seen so fine wh wo have thens ths seasn
 the market kanlens, but with this A, ngic ecoeptics thearnuy thanammoly, oren joung treus urafial lisk pegarn but un tall frews aro uture ar arere. This is atbributait









 Urambe in tio hedizeriws sixuondiag h, yresall

 the offects of drought. A demp senson for goncral
cropu is prefortble to ary one, the raverem man the aropm is prefortble to dry one, the reveree on the


## 2)

## Proviacas Showt of the Royt. Horticuatart






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 a detriment intiond of bonell f nom of opinion it rratid be to the Roysl Harticaltural Socinty it itri.




 Why of thaking Now that the phan of haviag prownom show hey been proved wo be feanble, we arom It polioy plopid to bo d

 1 rromitia






 Whea I have attempted to trum it in on ruckers. Elurman, it bas suvariabiy turupod oil. I'erbapas the diateroboe in cimste butween blatman shad Eurfes




 no apectmens plucked on the Arreman hillo Baveral


 as wiJely es that of ]'haru4 alhus fromillium a Jows producing these differefick are on vasel



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I Hil Licher of Graper at Kancher





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 excited, will gradually oralill to, and make their axit

 dirknoks lifitiver lemptink the winel of the miveted



WRe Honey Bes. We mre glat to han that Mr,



 perts, the firnt of whels ss alquost reedy th r publiztion

## ciariven operattons.

## ( For the enswing mok )

PIANT HOC $x E W$
















## 1) mitere

 tho night if not detocted ind destroyod. Then very eli plan, of placing kollon broad hean atallo amongat the the best of rubued ad frita /rime as ut the sinentis welt on of the Mar sew batrh, taner firsul shift into
 for \& fow wreks in werol fratur or pht ufon atomper








## Foltcter mocison.

 ferital i b) thrioum


 eny indect peto or nther impuntien that mas have formed old maderod and anawholemano that a fen thechesot the old madened and an wholewane mil bor remured from Iaver of good fresti mondefy if sumh exish, wid thas
 lhumbilurdec a chame of alp for atimet abome bero


Tood han beoome enffigently mimed for the forlown






thavn, Wines, withoit rumbing the risk of biseding, let the fyperat mat be imft mmetl Piest, whiph are a mut




 remuins before the incomula edversa senson Thrme
 Pinea wioh are mintended to show later in the season




 of two of thret menge' trinink, ahould alwiys be procurbd, If ponable. Theme, if telrew up et int veant Without injury to ariy of the Prola, and plantad care fally in tite groper pleobs, Fill not enfer, provided a mood sonkink be afforded to the ronts and the sonl impor diblely around idmonn as piatitel, an proviche that the tree we whalend durifig sumny westher, tho foliagh












 eanonlis there is nome feat, conshlerine the presort mot be mible to mas mere tho wood properly bufore the *drent of wintar Honso con mueh attoulch asnnot
, so expese the parts of such gromths that have beem
 froik to twe a Cambrian turen, that they akly.

 multime fromy mongit all, wo that the opporiunity of luidk mo tiss be att irded them.

## KITCAF 1 ARIF

The nerwestry rmp of sipinach for the Whator supply the 2 d be wown hetween ihe luth and the 20 th of this








 TOच゙ス தARDENTMO.




oit $n$ w diverxe to khe Eischen Ganden, and it will no
 wo mit sycter arried on with $\mu$ riat all imo wh thin 1wo mint Iter walk of Ternb e tiar The lan that has bean redeetued from the Thrmes by the arabenkment in front of tha Teriple has been put ato aood une hy the portets of the Jons under the sitrice an the Temple firdpoant. and 11 eir 1 Pemart mint ova beell


 looking will for tae witer Thernforel that thets it
replocs it with fromh from the counity, is it u erituat
 which has hitberto besu thought ampoesible. J. D.



Noticen to Correspondente.




Health of Horser,
stables, and Dor Kannols
mastra,
 Rosher's Gardon Edging Tlles.

ge Rannit Haz


## Che agricultural Gazette


As soon as tho Royal mign-munanl was attached to the Contagious Diserisel (Amimals) Act, the Lords of the Privy Councl were called apon to commence the exercse of the rery cousuderable powers which the meshuro confers in relation to the importation and regulation of the movement of stock.
The Act, th wo explaincl in our Iast article, Inapes undetermined sinie very important fointe. Thase hava bron flacheal by the proyistor: of two Urders of Cuunal which were gavelted on Wednosiday lest-one a General Orier, the othr montaining tal litionnl and sperial clamese for then


 ure by the Ant of 1869 revaked, and at the moment there is proctionlly nothing in foroo except the Aof and the tho Onderd dated Auguat 10, 1869. The further Ordery, which have been republished, dofining the ports, aro
muruls repetitions of the fotiner defintions of critani apaces withus which rattha mar the linded, add lo rut affect the gatueral lawy for the regula-

In our last artuclo we adserted to, the fact of thin $13: 1$ beng busid on that luma that fotega enttle arc nurmally safe corimoultiew, an I that only ith excoptroual instances anl in tha cuso of certalt, classes aro reatractions neresanty. On thes framet - the spreral Orders of August 10 embmerato cortalin coluritiex whith are to bo torited ha milentwel placs. In the schedule to the 1 srders Wt tund the followigiz placos, all of which arominet countrios of tranait or localation Where cattlo phagie has a frequent exiatenco 1. Domimone of the fimperor of Husain, 2. The Austratit Lugozaran Lupuro, 3. Sratas of the North Tremen Confederation; 4. Dominions of
the Sultan; 3. Domaions of the King of Italy, B. The Papal Statea: 7. Belgium , Nuther




 part of a port, arad bo mlatoghtered within 16 iays. In the case of the metropolis all these cincses of animals wrill be removed, as at present, by ral from the dafined parts of the port of Lrondon to the metropoistan market, and be permitted to move within the arsa of the metropolig, untul the proposed forergu matket for Ioudon is bult for their reception, when the corden round the metropols will be remored
Irom till countres, exeept thon nawm in the wheltile, anmals may bi mported undir the forat wath concitions, which are nesessary to pre-
contact withany of the silfected clisat + The shap in which thog are cens+side om st int
 ports, asd the urriers are required to give prout
that for three mostas previuly no animat thut for three mosths preyiulsly no enimals from the exceptod countries have been on board the reasel ; the mumaly mut next be landed in a
defined part of a port, and they will not be ullowed to depart from the lauding plece untal the C'ustome uspector has certifind that they are wot atife tedl with a contagous or lafectuons

 atimala, " that is is say, tury siay be in ised to muy part of the couritry, and It, howeser, they are fualad to be nefected fithe contagoun daseas. they ary to be dealt with as the Custome may direct. This may be interproted to mean they will either be kilaughtered or the landing place, or sent into a defined part, whiok will amount to the same thing $i$ end thrs fate will be shared by all the matmals of the curgo in which the disease in detected. I'uder Tho operaturn of tha prowbion, anmals brought frum France, kpann, Portugal, Deumurk, Norway, Swoden, ir other nou-excepted country, if lound on arrval to be heaithy, will be froo to move in any firection; but, should a stafie case


L.hatioh brewaleri with be perhupm itupasel to Hhathte, whit a to thaterie in thite wit +inprovable
 thenefure not appareat to the observation of the itspector: Naturally those atumals wid be pussed, atd will "cease to be docmed foreign anmals:" and equady certan it is that, if the purchaner, inatead of slaughtoriag, places them upun bas farm whthout prevoubly aubjectag them to quarantme, the dusase will mannfost 1tsolf to the xejury of the other stock. The ingportud antmals which have "ceased to be deetred forengn uzumals" will now be unaler the lnw which regulnted the movement of hous atock.
In refarenco to infectrous diseagets of animals at home, including alanders in hurase, cattle plague, plauro-pneumuma, inouta-bad-foot diseasn. micab anul wheop pox, the (remeral ()rder providen that " "hory permon having Hi hus possession or under his charge" bo amimal to cultr trul, whall g1s notioe to a policemana, and the



 mutiom reapecting it to the l'rivy Loumal woek by weok, 00 long an the difoneo continome ount provided for in the case of cattle placue; bot anmals aftected whth ather contegrous dimoneo are not to be sent to faurt or market, or in any way exposed in public places whene they may como in contact with other ulatials, this prohubition is practically an sujunction aganat the removal of them from promisee where they are 4tta. ked
The Metmpolitan Order makeo a minglo necos*ury exception in favour of eumals beooming allicted, an they commorily are, with mouth-andfurt dssease, in laurs near the metropolitan tharket, of 111 than murket, Etrumals so sttacked may be moved by licence to a riaughter-houm satimed in thes liceace, but not Mse where, for ormupue, cattle whech ars astacked with rooth and-toot dineuse in tho lairs at Islington on munduy ernnot be exposed for sale in the market on Munday, but must be sent direet to a sluughter-nouse ic doubt cau be entertaned that the eufireament of this law will tend to arroat tho properss of momen-na i-fomit complant Wifurb it ju-w ens frotent, bat conard rablo in ouvaines " Win attelad the corrsing out of


 atternpt to eridente infocturas discoases of ammals is to be anythog more than a cham, some amount of hardahep must be andured.

Former regriations reopectang the morement of anmmals by raiwny through the metropolie, and the removel of cattle out of the metropolis, under liceuce of the Board of Works, aro contanded in the Metropolitan (Irder, but the clauges which mote coccora the agromulturnst are thoas which relate to the importatsula of anmals atul the diacosory and prevelt on of afoett mat and contagious dísenses.


 farmers of thes kinglotis aguant the most come plete amil atluctive ineasure upan the aubjeot of animal dageagea whioh ever preved throngh the
terel internst heve nof gainodiall they dernanded, they have at leat echered wh that wen of provent poosibli attennment.

No num writer with greatery jomar ar influence thon agracultural impreat thara Mr hisetit, of

 mons than he to phot tov this great aymeultural expenctice thit it it a practaral Ead profitablo.
 the Tames the other day, am! wivernwhice it bore. It apgeara that in. fin clay monery farmers ing land, has ript, hberitr Mr Wititwenith, Willen, is almothorig lund Than firm pitatice

 to Mr Sistir, and whach ho wi uld Inem oh tos us
lt in a fret," ho eyst "that I am now har Fetang my 14 th crop under ntaan calture.
${ }^{+1}$ If in in tuct that Now. 1 and 4 hemvy lands are Boans growint oth med-bods enuting only it ind comed. free from fly wo Hipht, had rimping Well, unlakn many rop now exowif upon be weak int ntriw, fill of tly, end dỵag promatism donth
" It in $x$ fa thint $m p$ Now 2 and 3 homgy land
 fill if erm and ripm will, fogmthas thes arn the heat 1 ever bad in th is las. 1 an my sifm
mo en average of full 40 buthola par arm enj 1
 fallow avery fourth gearl thoy dod wit averumen

at fartuce on such mola git now-a-flet do under horte calture? Mr. Wimsworith, of Willea, ${ }^{\text {a }}$ male from lure, 15 e good furmor undar horme



 need not eay any mone mpon "fin pe tit it hit
Woughton farm he has wix fields ifflmak. vi lat d oxedaly in charmoter with my beavy lei. I wis the
 thane of hin flede are Whrat, onn Draiss, omn Tetahen, fod on and flllown for next y+er, and
 for wheop, ther parrig sh the sxpmumes for modung and whepheriung. un brit a mere trathe

 or from an wite of earh moden! tompther to epreal the liti bernhelm cirer tha Als



 onem that the firld ehall know it. Ifod it then





 poen to culture, atyd, bi addes in to what I haw. theted above, I whll otat herw that iny light-iand truper aporiloots withuct truabling jou wath pertorulers.
"I might havo ritated another fiet, that than baty land of migo alweyn mooded fuuz suoul worseh to plongit it fruts 5 to 6 unchom dwep, power I cat mow mako ate erarago mod-hed for
on scre juer atter yeer, and houp my land lean for corn cxupe every veer.
The Wivith it and tho Wioughton fectu are
edze of the letter farm, but the former an mo
 influener

- At Mark latur the irient Wheat row ake on was mat + tota b be th Fing.ah and frecign anciplea


 lane importationn of foretem pmitum ruse lipicen
 bulovi wo the ansiets election urimg the framame

- The number of finm an so male inaporied ri the year 1803 by the cuatom House retarinary


 tht of buen forp food, and 373 weto condemand and
 The Whole number olaughored on Hypuns of divelue













 Acurions ing of tion of tho flty of arithmetio

 \#n: thna bo fes upom-Londor nownge! The




 We inctrumti in of hay in the neter

parcher
 Ihas outhlee, whero theibow pipo do attuched to rive ith

 We do
We dorath the ofiliany of a ohimmey for putting out
 the only sound advice on this anbjeot.
- Cattle dying fron eating Onk folinge is an cred plece of nems at firat sight; but for a farmar to be $\because 4$ essfal in brinting an notion for damagea, is even more singalar. The cke reported below was heard at
 Fereford Jovsmal, was considered by the judge to be as
.mportant in point of lav as tit was in regard to anymal umportert in point of lav as it was in regard to animal that is it would have beer well for the pubtice at large hed guch a case bean hard many gears gio. The fact
were not disputed. Ahout 10 Onfo trees wers out down Tast sprune when the "sap whs ruaning:" these fell on
 twis of the boughe. The veterianry tent onty wat an





 bougbt the trees. The plaintiff aud there was no atreamopt between himuelf aud his hadlord, and therefors there whs no reserration, Ather the urual evidenco had bean given, the solir thor for tho dofendert began directed atsetit on to lise opinion of Mr. Justion Bheckborn, an lidid down in Growooth of Smith, Exoho quer Roports, that, ${ }^{2}$ A s seceral rule of law s man Whe bound to uso his property wo so not to iojuro blis michbonar. It appeared to him that "whon a



 "fanced " the trees, to as to have rendered thel innocanous to the acquired rights of the plantiff. Afl quating and caralilly conaidering other outas as epplit
cabis to the one before him, his liononr guve jut



## OUR LIVE SNOCK

Ma, GgBeanpr's are of Bhorthornes, at Masme Hill near London, wit not vory savecossful, The day (Tuendyy the gd inot.) Fis deplorably Fot, nod two A.ie of the ring hud to be removed to a a tre tered sitio-
tion. Thit whis nother favourable to the spinte or tive buyers or the mppearmaco of the ostate, and ne dotblt soutributed to Hper the prioes, The hilgteat figut

促
 snd two wlunble horees, with other domestic an mise, Wrpu hippod uf Liverpool for Oandin They woro It octod and Durohased at and grast oadlay by Mro


 Pr
 Shorthorns we must notion upon o Thture reminioz These valuable breading amomals are nocom ? , in

 proment, mo find 1 Lat the it ferasum not nome buth

















 etson w, uFn ah the required informetion The fng number "t the "tifeuler" tin now befow bhe
 Fonue of end al at of it th rit ra, 5 , is bi'

## 












 Repromatiouven from the forky of rubent, wion belet


 Fiddod, near Bemplon. The higheat price relined








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nutherem, the swertige of mearly $1 J \mathrm{th}$ being 4ned Ono of the In thancling for which Mr





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 Menfon, Mav, and Allon, With nbatat gun owe from

 T1 $2=12 x=2$ fuy
niowir min


 Wha hald st [frif thenk, near Hurtor-stpon-Trrnt.
 aven by If Morewoot for a shearlide Mr. Tuppirlif wirm the beot old wheop, a-shear, at I占, gh,


 9, 10s, cach. This Fenr tite higheat prico for aingle Gheap was gil, sgninst 20X, ludy Joar.




 18 K 5s. each. I'mose sold sveraged 116, each, g.

## PHBLPO-PNEUKONTA







 tilloreda of nnymme a manel the lamary wh th


 bomed with gewiletios' lisprem og the aherrati os (1) old now bemenng affelet mb the'g tudit hy mompans efomure in weather, there is a bryat dis-

 though raw mbling it a apm. Cicktaz tia 1 mizac




 and monadly but in a bur lew deares, il oponge form proper food and drink at proper tivien whon travel, git

 trace the hantory of an moterk wa mall groersity fac to frequent obanges, sud that too, when the enninil

 inss in the mmarkshis ini ng rei nu

 the swa maplet to mapply the fiture on m , $k$, wh of
 tymo introiuced alreh intio tho b5 50


 a ch'r cundi to miom apatnal 1 ist 'pleure " and upder








 intand for h urs on a bleak oration, whanted and vhlen
 ant onlow bo drandik fowt wind alet, and fana, and then, ss they are whiried along mome hatadrede of males hiat mod paco mand the wery fromi nad force of the
 Rex
 atimith ot by Jor Barker Ir If traj omerpot II



 andrs serere ahack of thst dracus muction the andmal nevor ean mean be wo tueful as bolore. The great fumction of respiretior, on diceref thipuled the turt ronderad molit hy thit

 "oonttitution" of the wrimil is ohnneg-bhe will never sgoin be so mood a mitker, end fit bhe bo brod from, her proment will be pury, "anth "erd lable to
 emen wit $=-2$

 froci her sopdtaloat whorit in sedele of netwre abis is














 of 'tac'f as strong, but supplersential by the merond if th




 lowe of hundinhe of pound upod other farmern, but,

 it at borow
I tid mot, of coures kedw whet proponituna Mry















 j口apeotors, and the owrorr compensaked by ties State,


## THE PRESENT APPEARANCE OF THE CROPS.

[FROM OTR OWN CORRESPONDENTS, JLLY 31]
[The folloreng Reports mare remented ton late for last irrek's publamfton.:


Hasivo mannety draned a fruss field, it nocurs to me to nake a fow remarks with referenre to the controreng which some fow years nyo wac cartied on botween the sdrocates of deep sad shallow druungs. I
 oumstances are ravourable, draino of it rect ant more Courider it tbanard to thy down On the other hand I cousider it thanad to hyy down any one depth ss sutued







 of krivel, we matue to $r$ is of i sary ant, shid 1mpery ous natury Ao muzat hi expeoted, ir Thmot ontirely in tha rublie that tho water is frini from penctating downimg any conssiderable nuantity
 ralion or ruffece drand unt 1 it is carred olf hy frapo-
 such tocalities fy flotert drasnoge 15 to he obtaiaed in succa wasalities by pirciag tho pipes imusediately under tion of coble, and wo that they reat upon it firm found a-


 to obtann $w$ ith s greater depth, and partly because that

## THI PROPJR DEPTE OF DRAINS

Throukhout the whole work the dirans were planed below tho rubble, sod restinu upon the subracent clay It sn happened that, in order to carry oil the water effectually, it ming nomessary to cut a maiu drain in
 lief. I, Whiph waz also wet on the surfuce. The last foot
or is inches neressary to ohtain this depth was very severe work, oring to the intenseg hardroens of the ary indurnted clay bolow To anyone lookne into thes drain, the absurdity would hive been ersdent (even Srentir dopth than 8 foof experbe) of resortiog to Frome the enifice down to thoults fook the aronad wis
 fectly dry
It th 5
It incy sutprian anma perana whan I mention that




 \$amit lea, ani prababy rastead of ead.ne to a coverect main, were each taken anto and oper ditch, sud Fores, mo be much suprised if this fielc, which has h.therto boen mishla ataryed with top wator, is zot in future as dry a4 necersary
Iu the other field throukh which the man was taken oomany ofld drains wore found with diseharged watar that it atso will prohably requiro little more to dry it efiartualy.
whe beder, Indeed, thist with a little care more good imarined. Some years ago dituns than 19 cotomonly to dty a swampy place un a shrubbery to cut a deop
which wsen mearly almaga met, slthough it had been dramed by the pravicus on ner, wims formd to be inter soctod by 2 moch thles, pared in draths le yariz apart at about mard deep, ench drank lead as to the ditch sucle was the amount of water d+eclarged from them
 new man, which in wel weather runs full bure. Th field liss been perfeotly ary cyer since, and the qualit) of the nerbage has mreat y improsend
It has been conten led luat allhough elay masy Appuar when first cut 10 to, to be almowt impenctrabue
by moistara, yet, after the drain has boen uare trade Whter will find ite wey domp through the cracke wheh will be formed. I doubt hoverar, whother the crecks will be of much pruchieal ralue in drytur inod of





 Wet, that that honsen wot d mak sa teror es to render the stiempt to mork ul wnrae than useres. In mosit
 raty, that soon as it humue fit to herr fropses, re 0
 nine momtha of the Yoar It is tmae trat cur the the memmang throa ar fotir months, if the summer thap pobed to be bet and dry, cracks of great denth mem I be formed, and of culiryashy wet which fel diviar thas
 incontestablo that las brompht ins in mearer t the
 practical dru nate of the teid, forimase sa soon as the rann became ront, muous the cricks wera filfed

porat motsture，that iman in Whet I haveseen for the produce ronld not repas slie expernes of jom Ho making ir al holestin viri as parta of the Ifound tast et from ia to 30 in hes banatitu the





 an，in t ofer arain at a tepturf＇sfect，at I．war！
 Strowdy bube tery flat［preferreu lasing late waler
 that tue bula of tin wet u）frotn 2 to 3 eet fritn
 edaly bind ita way itito thera．The revalt bet


 rivid as etfect



mblingo








 －made the fintato wist it it has is is It may n it be



 noosh the native entintry of tie latato has bend a




 －hronzt home Were planted in Sir Walteri parden \＆inoshal in lrclants，wid were used es food in that Watry ；ng bef ro they Were known in Engiand．So Omen，that it winu it he cirange if ritas had




 mind outi ；And in thecourze of disging ap the plenta，the


fod ho deaconbes if under the name of Halats wis－ country wis Sorth Amend In the reydn of Jaroen I lise $1^{3}$ tato beran to be considered a 4 reat del wy




 un Dett tu bite at，for most writers on agrigaldtumal of


 trl．fr ke，althonigh pol so moud and mbolmome，but it Tist $f$ mye cond ferswine＂
bompliow or oltaer the pulach seems to base been Laken troin Ireinal into Lancishire，whero it wn scotlend，where，hous $17 \mathrm{~F}_{3}$ ，atheran and day faboarer mooseded in oultarntubf pood Potator ont E Went drutrabuted frat mompr that cothmers and thon amone the farmers，and mbotst the Jetr ITdN they hed






Irion tio fregonge lacta it wil bo scen that tho


 tion qwalab ofor ues at inod in ciritimed countripa in

 tiat 5 mlarewd to the fer lls like glize，ebd of courso tul

Many athatitulet buve from that tritume been pro－ posed for the porain．hat wo do not think hay hevo treen antimently purnevefal in for instrame，when， Wran yparm miner fin falure nt the Potito merp whan





 whay，and not properly cooked，it atuck to the fowth，






Another kenvs of tuberpus plante，wiuch ot ode


 we cht，so blat the averame produet of one plant us int Mry thar half a prind the luber bave an wid

 ［mpseverad in lonz ponugh tha swertan feris Yel！to


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rat ras exprote them in the sun，what pomerts the acadity itw maccharine mather，and the tubber become －mealy an Potatok
Aphos tuberow to apokher plath，producipe，as it name implice，tuberous rootr，thoh ter eqton in thetr Hative oountry（North Amerrice），and are somotumas Germany，Tine kabors arm Tery nmal？，but pro Fery farinageons，Prolessor $\mathrm{Sa}_{\mathrm{ton}}^{4}$ in his＂Manusi of Thitany for Xineth Americen remarks that they ought
 untry in infllisy knrden sind，and is very mancs
 be now to the netaral ceter of La゙zitmen
 alonis，which is mouh onltwatad in the cinc is
tanculs regions of mothern funth fraerim．If
 Parsaip．The plank which velong to the t mbett Parsult onder，has been introduced into this country

年筑
 irdencrs gend Fes introduced into thte couetry in

 If fi as it onluef wise would have ine．The tubark art some what tl：e site and thate of a siriall louk h Corros
 6 per ofal，of wher appinst 74 per cont in the Potato
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## gecent aghiclltural history．



 ceatral gears，and fresh portions of lanit aubjected so


 ondit ，it t that unnstumi eugise，surve－labour，bo be riakitg ptar（resh ngeressiong upan Dew landia，abd to aym n．e．lisel lathds a $n$ derisess in somo perts









 the lan 1，ind wisle feeding utoon th anriched if to wich $a$ degree that moro corn would srom upon tho nem cient of Jtirmet then betore．fae thmer now ion保
 called＂the anmals vith the golden book，＂not only bocmue of the ralue of thes wool and mition，bui fratime they enricti the scal they are fed usan mure than anjthom fise lues Mush pour dry land was S．a＊hr Untat，by ractus of anterasto cmps and eatan





$11 \quad$ い


procide son argive supply of the frat requisite of $n$.
 monity bogan to see that the davelopment of the and pomical festare of the day -urged by gront necessitio rombed "fumive pricoss" so eaverly wers they cought rod wo hard weit it for the supply wors they souget, and wo hand wat it for the supply to keep peco with the demand, Boose and othat portable monturea plamed that bones mequen thot to bu had by the homeEnglinh importers.

## Baz farthor

But fartbor whats began to be folt, The great
 of the soolotical hitruathret the phytioul geogrepty of a diutriet adeeta the will



 eqpithith Thei it wean thet the creacen of potegy, mannaty, boting, apd meteorology wert an
 of lad reclaimad in alenated dtatileter the freater manures, as it was diffirglt to gart up to bikh grous Ia the hever farmyard rofupa, All koewn manures were flrst engerly mought. The rafuse of the uwrias, the flaturor, were all boakithap, and overy bome-mult had
 wo turned fu forejge ootnatrjes. Dealers in fureign



 price," sand at one time to wha ouly the farmera who fived toprost the reseshore who could offord io buy
 nhabsint of which wondered how the refuso of their


 Ynini it plo pat, worty may dupation his hir oome to be hald in esteam There are ragions in Which Finte, dentration, misuse, nad the pertilomion are in the material world bat God? whispered
 'e- bay, Titutb bo-s duvipe chemistry, throughe whowe rood, quide bondioenos in the plape of a fostaria

Beoh step in the advance of atrultural vieno coatinns to do 00 . Mors alltuluik, and perhaps ${ }^{5}$ ung peryont who betieve thet atemes, or rather rsua power of applying it at every fresh emergenoy, th is to afrori a pomplete sumer to our ofer recurnig social diaioulties, He did not think ofer racuring modern phitomophers, thet men oun perfect bertion modern phiomophers, thet men onn perfect hts an metyon dimete porerby cimp, and every syivin



a man of a somewhat molurnful cast of mitud; ne mas
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L'o the trus ohemish alemoniediod the noernity of

In theif own laboratories only, they must do murk with the farmer, under sup end wind, rain
 ing my Tothir in the most keen and eazser minnore, of

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 a if instinet mondertul new machine, whith pporarec falfiling the special end of jta ereation; god the interest we tookin Fratolugg the operations of हI "1 aser riss] crosbers, pressang, grubbers, drill tht rive tirt, toam-plouzis, nepaz-itiz hinem, do. The managemant of theo complicited tools cequirtes far more mant of thoe complicated tools requiros far more

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## Thin zeading -Ia your remerks in inst Siturda



 not tijler as much ais Hheat nd beriey. If one roult dopsod umo the arithmatio or tho zatiject, I bolieve 1 peck of weed Farid be ample for Wheat and Barley
but efvery ons should try each year l arre, and he would poon spertain how litite read he coald use. To show You how great tho antimat impritan of the queali on Theat, Beriey end OLt in Lagmad end scoulinad fur the lat thros yeare, ropording to the Boand oi Trade returns, in as follows


 of being hard and elomp wer tun gtent t
consequance the exs ate 4 ther ompty or the kertels shrvelled, This is E Fery seneral aflitotiop, and mist conkiderably dimiaith the jued. My red Whank, sown Whit Whest, whate much buram, earib wast msed The Club-headed Bough (harf White Whest has soffored very mudh, Fhile lnst yrar it gave the grenteat
 per nate. This Whent sulioted

8 pooks per sore of Whath and whe 1 basthel of Burlog per zare are convidered the very beat on this farm Oar winter Beans mre a (irst-rmto arop (quantiby o
 givas mudh se 50 nnd 60 pods. II hewr much com
pifint of all atraw ond no pods. We are ant to
 The latter requira the juices that wre warkod out of
 and; therefore, I motow grain as well as stian. To senon. My 13 acros of spriog Betns promise avers be crop Tho shaw or theme of all my Beat and mur, sginous by wrmi water It is feas an



 biowian of drematit bumbine:
Nowparative muant liet it mamt

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tho live stock. This year all these nrtities have orm

 gagry at my interference in the agricultural wat in
 fice quality and abundant crop of deluate wh fom in the exceptionally hot dry font of 1868 has indicin
 ago, are now Foll цp, J. J. Machi
Farm Profts. There is somethons to me sen patbetio in the latior of your correapomitent, wif


 o fake sif more dasappolatment. How simpt "的litigy arity or butter," "breading pips on a lerp cale, no. Now it is deat that your correspondent is man of ednemtion energy and intelliger 3n Wrill hat
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 ant youtr correspondent would, no doubt, bave, shit
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## Societies.

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## Farmern' Clubs.













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## Hebtems．

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## Fara Memornada．




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## The Woultry Yard．


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## Miscellaneous.











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## Calendar of Operattons.


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 - Hestimporlane ditferelice whether he contiouses to What ar replarer it by the arifioial suthotames. Mriog a swerepting rinnge is made in the MadderWhed in Matder, $1 t$ vatimn are wet free for the
Whal ton of human food or of some other substance

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Turning, then, to the relation between physical and biologioal science-to the distinction in,tweon the effents of physical, as contrasted With vital, foroo-the gpeaker alluded to the rurmber of substanoos formarly recarded as havo sisico bexn furned arthfinially in the laboratory.

Bute's says Praigssor §Tosess, 'do the lame of chetnies affiatity to which, es I lesve andeavoured to mfor, ifviag beingt, phethar vegetable or atima aro apillary ailute subjection, togeher with thas account for the formation of ant organye struoture as diatingurhed from the eleborestion of the shemoteal actostencen of whioh it is eompased of No more, it
 uaton of ory gen and hydrogen to form weter, theough the pronderible matter 80 ubiting in subject to the laws of malte dead muther, I ampot zee the funtest shedow approaeh to the formation of an organes stru te leas to the wonderful meries of obangea which are concerthed in the srowth and parpetantion of even
the lowicest piant. Adan thas lo the full as haghly probabla, thoaki not completely demonstrater, the uppractiblyty to livmis betaks of the ans whot hays benn akcerlanned with reference to dead sdmit the exiatemce of a myaterious somethins lying beyont-t somathing swi generns, whud I regend, not es baianoing and suspendos the ardinaty hiem to the nttanment of a des gat i end What thas bomethtas, whith we call life, may bs, is a profoun: roystery. We know nat how many linise in the chan of meoondery oazsation moy yet reanim behind, we to asgitne in any case that wo tiad nirgacty roached tho last ink, and to oharye with irreverence e fellow worker who atompted to push has anveatigetions yol one gsepp forther buok. On the othor hand, if a sliuck dartneds enshrouds 日ll beyonit
 aven the leat link of the chann-s stare whare further nownest is unathainabla, and wo asin only refor the alghest law at al
Along +y loter
and adessty ta prachestly to romove the First (is
 thut sharply cofined. Betwean the two there lies formas of links of the chaize whoth are yet beyond
 ink on link as far as il may ba given us so tracice it, but lot $u s$ take hoed that in thets studying eecond causes Te forget not the Frrat Canse, not shat our eres to the wonderfal proofs of desifu which, in the study of ocgathied being esperialts, weet us at c cery tarn to those of mend, we anter a regton stull more profoundly mysterious. We oan readily imagine that we may here be dealing with paenonsena alapother tratikof lire transencid, mase I endeavoured to andar those of chemastry and molechar attractiou, or its the laws of chemocas atlin, ky in thetr turn brauscend ihoan of mere if ehmer es. s"rence man be expected to do but little to the objeck of investipation. It can brt enlishten ulat at to the denth of onf ignomines, and lesat us to look to hishor add for that which mast nearly ooncerns our wellheng

Thes very interesting lettars of our esteemed
 Soutir Europe and Nonticery Africs, which huve nppendel as oul collthes from l wio tumo during the lant hw yoat a, its at haspe heen
 turint, and specially to those who are endeavonrhas litt tader
the plants of warmar clumes. The lettera 12 queakion afloxi an expellent illatition of the manmer in whoch men of observetion, Buch as medical mon, in partacular, ought to be, turn to account facts athe materias which less thoorghtful Which they would ful to see the full signaticance. The foree of thus remmery will be extimated when it is remembered that the object of the writer of
than del. 5 ratiul lettern wris not strictly hortirulfiral Fortuculture was not forguthon, it is true. Tho guthel at XLentone aud how diferenk-the parion in starrey, bath of whoh have bean ulitulemi to an our eolumza, are prorf suthement of this Novertheless, the in un1 object was tif ascartain the real nature of tha (limata of tax distriot viated, by the ulidervation of ite offectes su vegetation. In thas, and It geems te lus. the writer has done whenly Recoras of the ther-
inatromonts faminay to the physen tre extremely walabile, no doubt, but for the phyercien who deale with living humanity, as for the cultivator who $2 s$ coucorned with liviag plants, somothiug more io wantod than the mane record of the effrets of heak, or of a more or leas Wenghty atmosphere upon a merourimal column. In the case of human beisg it is not a mapo question of comparative health, but it ite an eftair f rice. To a atill greater extent is this trae of
plants. Somo thorbut, thourh far iu number, which are all btt commopolitan; others, though Widely distributed in point of latitude, aro yat nlways formed lualer similar condttons, and agan, there is a simall number whoso rance is axtremely restrictial. The reasons for thes diversity of dastribuion have of late formed a favourite subject for investigation by phulosophuc raturaluata. Wo cannot enter into so large a cunthar hare, but wo miny say in general terms that, while exasting lowal condit ons of chanate,
 fexusting plants we must 1 . k ink rum the
 Hownever interestiag these may bo to the natro ralist, they are but of remnte importance to the prachical collivator. To the latter clase the reanarles of Dr. Bemeret will be mare useful than the question whether on wo the legend of the mid-Atlentic continent have a buise of trath and msauming the former axistence of such bu "Atlantus," Whetan that circumstance tends an any way to account for the present distribution of planta
In illastration of our meanang let its refer to the turt so well elucidntad by Dr. BEXNET's observations of the effect of protection from cold Finds From this peuse alone it wauld appear that many plante will Hourish mi the Genceas Biviert, which perigh from winter oold in
 Hore in a hust for the horticulturist, one which mables us to understand how on our own sonthern coast, in Devonshire or ia the Inte of Wight, we have trees and ahrubs flourishing to an axtont beyond what is habitusl, or ever possible, to the enme plants further month, where theme in
 trials. The ove groad drawhack to a mone extonded calture of plants of sonthern lati-
tudos in our dimp lies not go much in our damp cold winters, for theso may to $s$ lerge extent be provideal againgt, is in our eomparntively aunlend suminers, It is possible.
even, that we may have in the coarso of o.2r $4 h_{\text {mmer }}$ montha heat exough for tho requarements of is particular plant, bat that heat 18 diatinbutod over a long pernod, 15 fiffal and niter:mittent, and tho result is that growin as slow, ant, in gitalewng phrase the wood does not ripun speadly orioght, or woll enough. By proper shelter an l protection, br" heat-rotaining
 do a greast deal; an 1 wo sitapect it is ouly the dire catastrophe of such e wrutor ges 1806 which prevents more extended triols in this direction baing made. In nny case the letters elready raferred to furbugh abun lance of hints to those Who are inclined to makes experimonts of thus natura; and for this und other redsons we are glad to loan that the lotters are to be repablished.

In addition to the firms mentioned in our lata inale as likely to represent Engliah horticulture at the fortbooming Exhfaltion at lisayitrajt we may mantion that Mears. Oaserme \& Co, intent to oxhibit oolledtions of new itsciuor, zonal and doublofowered Polargonium, 18 vriaties of Colens. other plauis


manure．The figures given are as follow3－ 1320 klla－ grammes of chemiosal manures gave 51, ， $1 / 18$ kilogremmes farm manure selded only 11,811 kilogrammes，hence there is a balanee of $10,1.37$ kilogrammen in favour of the chemod maku Patato MI YILLE considera that the excessise use of tutrogenous memures，ind the consequent erkinastion of planiphate of juie yed of potastifom thas sorl。 pred shose the prant to ill－hemith．
 recornimonds as most suitable a manure contarning a relatively emall quanility of mhrogen and a larke quastits of pothish M．Visce does nut enter into the questrou of the relat vo cust of the two systents of manmring．As to root cropa，althmats it may be posoble to igtust arate irobs frome artifietal madures alone，eitier from fuyourablo scasolis，or because pre vious ilfesings of Firfuy ird manlire are ant yet
 caliact bo the revarc 1 la at essfunty

Mr Fisir late，$y$ can ed alwett ofa in out coldmas to di ExThaORDINADF SiWaHM of APEIDES．F＇rom other quarters similar reports woro sent，and now we LADE－B1RUS（Cocimella）Kentish Hop growers generally welogme the latiy birds，as they destroy the suludes T＇lie town of Ralingate whs on Sunimy late visited by a vast strurus of ady brass，They filled the alr and covered elo esrth at eqery concerfublo point．Their wimber was greatest about noon，when collected so as to form one real pateh Later in the day the arr pot gomennat thinned of usta，owing to the tratfic of twe streets and the destruction whieh值ey mes with The streats then presented a peculur appearnsoe．The namber of these bodes strewn about iline neighbourhoed of Chepstow，also，Jandybirds were seen is enormous quantities at the latter end of fiest weel

## New Planta． <br> 3OHYODHS Tritit，sp <br>   A very unexpeoted novelty from Moxieo，introduced Mosats，Vaitob．Its flowers are larger than those

 Ostchivx Hasproatum，Lind．Zeld．fil．amne Oncidto coocitero，eppelle pothilioque oxhan vaide miuricu－

 the ociter sto of the bupals and petdis．The flowers bars，the cullosity oringe，if is prohably a uat ye of
 Gonvore pohtex tosa，Lind hedo．fil．


 siliturs to untrum Inbelli aperlentivis ；apleblilo
 yexrwish fowtrs，Lasing fleshy vioet yetals，with


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## II．G，Rehtain

## COVERING WALLS WITH GLASS FOR THE PROTECTION OF FEDIT TREES．

THE uncortanty of secaring bood crops of our fine fruits，suach an Ponches，Neotarines，and Aprinote oning to the iopurie from spring froats，matren some kind of protechen almost a Lbovesity in on climata． by Mr．Rivara and otherg，and when properly inamared they have been a source of interest and prodt io mpatetars and gardeners withanm，ted ruesns of kzcwing frutt on wells or in hothanses．Whate there are wa．ls will，howter，be found the oheapest alid thost cartans Why of securing crops of our liner fruts．When Peabon， Neutarnes，and Apricold are orly required to come to
maturity by the pataral beat of the seaton，che expente or hewtug sueb struchires artiacielly is nat required．


recistered，yot the frult treas in bloom，and young
Apricots ag large as Filberts were uninjured under the Apricots 日月 large as Filberts were unimured under the
glas covering but on the opep walla the crop wra quite destroyed，aven where protected by brenohes and nats．
For tue last seven years the orop has never falled on cots with until thes spring，when some virieties of Apri－ therefore，be caleet an except，onal ano，and llie fai．ure in ine crop may be aiscounted for by the exressive warmet in February，followed by a dulland cold March The trees shotsed plenty of healthy blossonss，but the polen
seemed stued together and dul not dispersa anid even the Irudt，where solf，dropped off from tha sudden cessa－
 his wal，howerer，have set n good crop，Fech as the Katsha，3reda，and Musib－M isch．In the madend
datricta as anheated prehard houses hare rery than
 regll stio itu such structures in season like tha past．
 mas covered with glags on a novel princ plo．
framemork is of aron，and tuo roof made on
nod－purrow thode ridse－ glazed with sting plate glass，cast 00 prerpoze to suit the curve in the roof．Tha openings for top vati－
tilalison any made in the buck wat，and evcry alternato ligtit shat by macunery worked from tue in－
Bida．The height of
俍 the baok Wull instde 7 feet 6 inches，and the inside mider 7 foet 9 in heated by hot－water
pipes，and these were found very useful this spribe，for secured，as well as plenty of Chorries，Plums，and Peare grown in poto rere－heat is only used at the time they are bloomag，or the the autumn，to rizen the wood，as the object of this structure 13 to get at
sticcession of Peashes and Nectarines sfter tho hot－ hooss onds are over In such structures，if unhostath it is advisable not to exceed 5 or 6 feet of insido width， so that the absorbed heat in tho bask wall may diave suffument powar to expes any frost when the trees are
in bloom．Io Maroh and Apnl the bun－heat sn olear in bloom．In Maroh and Apnl the bun－heat in olear

frosty weather 18 often vory strong，and when the homse is shut ap early in the afternoon there os quito heat enouzh rolect
The long range of glass－covered wall here has a very light and impoing appearsnca，from the absence of ary timber in its construation，and from the orna－ mental tron boys placed avery 22 fitet，a the insicio．
Thesa bays are for groving hardy Grapes on，and some prariokes have this spring shoma plenty of bunchos to festoon the top of the bays．All the rrouwork in the
tntarner 18 painteq of a light sky biue tint，and thie


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## Weth


bere is an from grsiog coverigg them Its width－
pots to atand on．In Alpral ajd Yity beduan piants a

Purfane to Lardea thenl off for pasisug them out
The fo
berrefu，t trees grotrn an pols cons st praternally of Cherr cs and Pama and a fews of the best varietses of Pears and Apples．No Apricots are requared here for pot calture，as a sufliclent guppoy as obtamed every car from a wail protected by glass lughts．Tue berries growa in pots come in about two weaks following kinds，gaconding walls，and consist of the Helle d＇O rlesme，Eccording to therr time of ripeaing－ B．ack，Muy Duke，Waterloo，Blaik T＇artarant，C．eveland Buarreau，and for the latest Florenue atd Lata Dake The follswing kinda of Flums are grown in pita in quantit，ees－Esrig Fartourite nad Mirabeile，Bralit＇s Golden Giape Pears and Aphles growa in pots are colined 10 a f＇er Tarcties whiti are esteemed for their esinness，line
d＇Ete，Yat，Jsrgonelle donblo－grafiod on the Qunce，
Which bears freely；Willians Bon Chretion，Marne Which bears freely，Willisms Bon Coretion，Marie bematifully stripped with red；Doyennd id Camee and Bearce Clatrgoas．Apples Cox＇s Pomna，beau－ thrully coloured when grown in pots，Cox＇s Orano Pippin，Melon，and Norlikern Spy，botn Amesuma Appos，ant a beautiful Russian sort namect tio Red Transparent．
＇Iho selpatisn of Peaches and Nectarines plated against the bak wall compr ses goma of the new hinds The Pesches，acourding to their time of rips nure are Early Bentrice，Eurly York，Eurly Alpred，Dr 11 are Early Migaonne，Grosso Mignonne，Nublesse，M，atia a delionously flavoured and medtum－a zed l＇bach of the Noblesse gertina，St．tup the Word，Barrington，Late
Alturablo，Walburton Adnorab．e．Gremorg＇s Sturrable，Walburton Admirab．e．Gregory＇s Late rewon de Venus，and Salimy Nertarines，in th
 Alettr Hithe，E，ruge， 11 urrey，Dowaton，Kivers Abribler zreat use of tr 8 F ass covered wall is fur producing salads in tue winter moniths，if is willigut muoh trouble a suecass on of fine suec alpul Jeattures and Eadive csu bo had overy uaj＇wricn walited The
Endere is lifted with batis of earlh，asd put into covered boxes in the $\mathrm{Mishroom}-\mathrm{Lomse}$ ，whore it
 and a alight covering of hay preserves then from when frosts，should the hot－whiter plpes not bo used．A good suppif of blanohed Chicory is likenpise had by dowtas on a north torder，
 Wridiam Tillery，Helbeek

VARIODA METHODS OF GRAFTING：
 the SCION，AND vice versi
［Read at the Yisteheater Cutharisis，JL，＂，1n6．1
Youn mee，nwect maid，we marry
a gentler scian to tho wildest stuck，

 The art is Natare．
BY the above quotation from＂The Wiater＇a Thle knowledge of human life 1 n ail its phases ling been，us will iong continus to bo，the wonder and admitration o maktad）Fas by no means lpaomet as regards art of grafling It is reasonable to suppenge that practiwed this art himsalf，or at lest been thoro
B ware of the ohjeols for which it is usually parimose This art would indead appear to be of the greaty
antiquity，and the drta of its discovery，like fite nis antiquity，and the deta of 18 hacovery，hthe fouta convitless rgen．
The practice is alluded to in Holy Writ and Plive． and other anceent writera，gnve also fululd to the
 as to produce stmulry tad very diselauler kinds of frum such as Apples，Flung，Figs，Graper，＂C．，upon hat same tree．But it will bo resding suffrased inat If so such treed ever existed they mist have been produce to on the Coptinetas the presont day，where tress ivo oxeassionally produced，and ofliered for sale on tharel Appemegrannte，do．，bal upon one stetn all this，hat ever，is may be supposed，is meresy a daception accomplished by living cat out the chutre of the sul stems of tho otier sorts ibruigli 1 he boilon it
 thlys for at the maintaithog a strugha．ug ex then ic By the aduf thon of stunlar mesus tias stramber a Rose tree．Thus，too， 15 acec unphasted by taking tee rutioer on which the strawherry lant 18 produre hoilowed out for the purpose，whilo its roats tree is It may，I think，be rentornble to suppose it possible．
this Nofrre，or nocutent roay have first Fugganted te praciice of Gration，as ingtinces aro frequeutls to trees bappen ta crose and to press upone each other 3 dispases tie berk the 1 bs tre branciles rease increased，until the result is a permanent and orgis unton Thas may be consiliced as araft．ing bs approse a practice WI ath cult．hators hase in tated in are pracileed，all of whithe der certatedes of grand have tielr regpectrye ad Fantanes，but of tuese methou the lames of thas payar will only ulow nas to glanco those whact are fougd to be the most apparsion moneral purpases，aid many olber so－chatod wo surd In all methods of grafting it is of the yrest 1mportance thate similar parts abruld bo plat this account tho method knowza as sadd．c－yra be aunsidered amongst the best，as largest posisib，e surfact
of sany This meted
yo gep mise metwed，howeser does not a



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## POTATOS．

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 When atcr 1 N，and Taylot＇s Yorksiurs Hybrid



 Hubersiter $r$
th rewil to meng seedling kiadly gent to rue for vish．They pre ail good oroppera，buk gome of atare behind my sorts in pallity and Conour．Mr． ston＇s Perfeotion，sont here by Mr．Turler
ti．and very zood，boing untrorm in．in
$\rightarrow 1$ and very good，boing uniform in if in ind II $t=$ uita akin，dotrontaly tintod hore and thore with

咕，$\rightarrow$ a the Lapstona farm





新 E 5









rypened large crops，whioh we commencod to gathor di the 25 th of May－thay are now nearly over．Grape－ on Walds in ground vinaries and in oool vineries are
 house harn fair orops on themp the forved treen in pot，the fruit ripo in Jane，geve fine orops．Pears Thin the ratis in May，vearly all droppod of
 ane of Ker＇s trell ！ses，the lights onity recently removed
 tensor tho crop has been most abundant，for 500 half sioved（2 peoks enoh）have boon sent to the＂Garden，＂ Dismond Plume there betore the loth inst．The Damond Pum treabrawiup on the cama aite sat lerge

 tho same failure has occurred with Prince Engebbert these gorta zall bloomed obly throe or four days balore Plum，blossomed，as it al wass does，some 10 days after
the others，but the fuit neriy all dropped of in Jupe the othera，but the fruit nemity all dropped off in Jupe l＇ums grown largely for marker，onlf，one has this troes are sil pyramide，aboat l5 years old，BO in number；they are plinted in romb，os leat rox row，and in foet apart in the rows；the it feat





 above muntioned，they will grow well asd bear well rachries of Pume．This ought perbape to add to the bushes of that most delipions of all Plums for pmenge iag ，the Mirabelle or Mirabelle Petites，are full of thoir Fory protiy golden frult．This sort requires as ver warm dry season，and yet this untoward $\mathrm{Pl}=$ rees eportod hardy kiads growing noar them

 thera 411 off The Peach blossom did not have ephance The Pear，orthg to tho oontinuance of the easterly wind． The Pears and Apples flomered woll but got sadl｜


 bolion a $\pi, \sim n y$ of the fruit whioh ow to which，as I aet had no Fial power，and dropped off，although our wills were protected of night fy couvas covers．On
 （which thes season seam to be mors than unually pion


－arlies Potatos are yery fite end clean harw；sacond that some duculd onses ire tu ifound in placom．Lato eat，I fear，will be but a poor cro 1 ，theay mre so infersted
 protected may mantion thit buagarden here in wein
 Maplanis．8trawbarites I am quiten dingpporited with
 －2 ロ

 Wra bar mo al finer bloon thau ho had here inat apring ast wiads oomplotely driad up the blooth．One groat drawbick whes，the trees on the wells wero fo bloom s The fortnight earlier than I over remember them． of ihis yent＇s orop．A Rer the retu dame last anmman had attete of r．

 September they were plented t．$r$ bonse．I havo September they were pinnted t．＂r honse ir have
hed a full，flno crop from the ivother trepa did not average a dozan eath．This hnuso was not heated Briseol late in the sutumn．Wm，Dodda，Aokfos Conrt $\xrightarrow{\text { Brimtas }}$
 yot fres fromitho disesse．I thint tho ronaral fat uro coorohing they had to eadure last yeur，and pot alogather to tho cold eptring wo have had，as at ：his place alf the trees wero weil protected，and yet wo
 This ia the worst neanon I have ever been for
Aprisots，Pomehes，sid Neotarines－whole walls of
those which used to be adoraed with fine frunt，sad anose wich used to be adoraed with fine frati，sud butaly a blank The latter treen also sufiered much from for next manoin．Peart，Pluma，fo．，are licem：n＇ furnishod with fruit buds A．Ayvom Oxion Keaton Turuu
The cold eatorls roph aro rary waryo in thasd atract
 krts in the $\begin{gathered}\text { rat weok in April，when ona mornatg }\end{gathered}$ to my errent antprite．I found most of them terrated Yol ow and Iropp ng from the troes in kreat aumbers． Fra4 at a h irt cultural show a for days noo，and mot afow of my soqualanaces，who informed mo they had
 complaint to
foweringe must look farther beck then their time of $=r^{2} f_{4}$ ？ under which the wood and frutis buds were grown and matured luat jear Firsk，the excesivo heat and drought of May，June，ard July，then in the five following moaths wo liad here a fall of 99 inohas of rain， beige 11 inche more than fell durax the same time in 1807 －a Btato of things at that time of the your not oon－ ducive to their maturation：sad them an opon wiator（80


Chwer，Gouseberrias fon，on the spht，Anwers of fore the troes．At the ed，and atrowed the ground below Whalts were phowing white，with a continuntion of frosty dights to the Bth April，and on the i9th and tith of the month，the mean temperature of Maroh betng on＇y 912，some F beiom that of hat year． re wis observed to be an absence of bold，heale：y otossoms，in others they looked well and soemed＋ivis frobly，but only to kive
there fallime of alterwas

## Liowe，Darchoulem

pring Woatere often to deplore the sad elleote of 1ate 24 jears shent in gardentig pursult，soent tho hopas of fiae crop of stons fruit，pursulas sean tho hopes of Aprioots and Plums，destrojed by late frosts．I ama sorry to say that this，veason is pot an oxnephon，por whan had frost in the North $\mathrm{R}^{2}$ ding of Yorkshire unsul 1 ， 0 of fruit．I must add never in my the do I remember beeing such s quantity of blossom on standard treen， Martioularis Ayples and Plums；and at the prescol Beooh Nuth are torr eyes to geo any fralt of either． Beary Nut droppod，Polatios are shoming sigus of supertubersing and are msking a becond growth，the mame as lent Jear．Jor C．Nicholson，Mownt St．Johw Wirst Do the 7th of lagt Muy I had，the Pach tro a on the Wals at itsis place unoovered，by having the If eover beheld tion trues mors promisumg to be produo－
od to poor for the just foyt，whath thay have nores


 funure oplarely of the treas to the they furitutiag wond and Nectarines under glass are ar ex option the above fatsity，I acm more fortanate by that are gromat the place If find that the varisble
 an！ and














Past, serr carly apring frosts tilled the first sot bloomzand the tharg freta of the enit of MYy End Apinving of Jupe contridotably thannod the rumainder rojocod in the hest of last year; lety froetr and oold Fol wind, however, were the mesin cuust of the rodured anmber if' the weathre prorem favourable


 Elarifen ter


 The raty yart : $11+1$ nu:






 bremith l -and oper to alit

and if we amp t sive $\&$ sucoedrion of hot uod cold

of flume of

 Purk, Lhechathuhre, Lses with


## komet corteiponivere


 gatus batoh of planta would be kiad enough to oteto

Hawlmoth $r$, $r$, Boyle, in wrong in supposing the insect he ha moth," It is, Without doubt, one of the larger *n it fa deffeult to npark with martainty of the axac while othere are more frequently observed hovering ver filmare at dets Your cormondent would roem a Fibb to deprive the bumming-bird Hewk-moth, M. shelintarum, of its propar rabl end plano arnod




 tarim in hy the 1mar,




If eshroom cultare in Indis Thin venition Miuth room grans spenlabumart of beildng oonvorted from a bullock shod. In the cold seasonk Mashrooms in


 will chow. A frased of mine here thought he woutd atilise an old ereenhouse to the gryden by growing oad Camb In the carly ande of bie stabie piter, whes lift to jtitolf. Pass ing one prosming, he phaticod thes the bed wha thinh: statided with Pungi, whith, to bia delight, he found
day, I masy explain that i greenhouss eets but ittle sut; that the littar im av cawduat and hors Iroppingz fresh; but, havint been stored in mop op
 Hast numbers of white anta in my teme. Prom what




 in an during the day is eommonly anitit y the theo


in Folume and upon araralpation then

 of ofy ue to brest is in it would not seam to






 It ar m, sent y ham bigh Tr

Perty (or a Fory dowely wiled Yolype), roterrod bo

 pipe You had better consult some chemut, to neve tan what you mey nse, which would at the same timen
kill the animal, not jijure the pipe, nod tot be liket - ber It sou conild cut of the sugply of water tor time the unimal might die, but to thationd ine auph must be completely ont off; and parhapa, after all, this
 som difioulty, M $J B$
then Yapourer Citeryiliar, Therkg for your

## remark thit fit was not at all particular as to lood

 memark lokinte At tho base of tho Ross trees rum Pelarponum Lady Cullum, B, Labelia speoi piopoured of had Gelargonitums nad Calceolarias oy potful. An I thougbti we had cleared turn from Roves, but for your prompt answer I should not hat examined the ribibon border until their jaw-milth marred its besuty. As it is, I hope by frequens path to save it from being samm up anto food dor the honit farias and outting simto the Pelargoniums in then
 d doubtlese stem hikemise, of soft, succulent thation
 tua, Whes has throwto up two eplkes of bloom, ant en trivsual number? O. Dood, Gr to A. Drubat Duhoioh. [sea repar
Obdar of Labanop. There ite fine Cedar of I. ram
 Imensiaun:-Heigbt, 65 ret; oiroumfersan at 8 foo 9 inches above the first bramelpen, 7 , from tho ground, 19 feet A
oppenta lower branches,
(allowivg 6 foel for the dinme
(nllowisg 6 fool for the dinme
Vinnangion, Bart., S' יnford Con- H...
Fotatov-It was A
the hmoritan
deas at once, and sot is entodiumen -
Potatom were. Hed it bean olforith that
all the "peass" thati hafe toen squ
its wondrous merits, to what, ous far tral, doen mount? Why, simply that whilet if is no prodactiva thar many of our own stentil oy meal of alch or but thete resulis have only been obtaned ander ultural conditions, guch as if niplied wo



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 Americatl rival. Booides, thet it whe proviouslysonsequonce, the first year = ir : $f$.
tubers, of a raddish pink oclon

## defoient in flavour withi

a good Potatoo bere in Ens, 1 .

for hu own contuiry), and Inm
than mand and other Potatos, whesto
 I think ho misht maka catro ond of "almighty

Another American novelty wia upon the poblic ast spriag-a you
Americon Rod. This I find to ath ngr nwn Pind Regent
wh rior illatman io

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imported Tomak Potequal muoh tha
biat of rather a darker shade of rel. 1 capour
proved aloo to be ase of tho red Rege + typo rof , ?

it mill prove, aftor keaplag, quite us $x^{-1}$, 18
Suet is the maltiplicity of sorts nowl and the a
aumer if someston both to tho would undertat
give, for two or three years in auocessiou, of har dow

give them ontiligato of $a, A$ ty and lat the
ymy to bort, witure i 'S, hurtiompt in in
 a.parantly s ecocond early, between a Hito wots and planted thas inn ing. On August 2
 aygue and the Congrens Papera I En ite at
 mipht remsin undeveloped, and itrel rer Ity renima and its misunct ins in-
 $\begin{array}{ll}\text { 山itio sympathy emmced betwean the pracheal } \\ \text { scientific horticulturist. } & \text { By some unacoornt- }\end{array}$ oz epposition. Asparitios riteo up, and the from his position socially, jumps to the con the is underrated: that his soctety even th it : marlis. and in foot that he is
皆
 of gatin to what would be tosozutely readized


 them, and invite digenspion from all quarter. I
ought also to boa condinon that the writer s!







 Hothoree Botiors - Mr 1)rmbon may not undentank


 mether than otherwire, the zicent, of the fime, mad
seoing that flamealways passes off in conkues, the shape their coal bill are every day beoming mere and more



## Why it it oar great lowin

## Wha the ause they kra on tar


 note the reanlt; or try Mr. Tamed little experiment


 (ondervative" boiler hes farnd forpur in the oyes of

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 veguely) investignte tans oxse. EDs.]

## Foreisn Correspondeace



 a *a* tal du*er-bets of ait the beat kin is of bedd na phaths bich are renewert ad Ferimi every memon. Oa the awa one meet aot anly Fuld the Furoat Coniferk, bu


 in it one meetm with objects of art-Syis cottagea, piotura, But I must abridqe these details, amd will give




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 ing planksere, or I should be oblized ! an and
 4212714 :

 Wo huadreis of plants frous 18 to 18 sem ta heinfit. Mort of them tro qufto funty, and armin in

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 twand ona their gratitude to Prolesor babanghon tratidat atificult group of plants.

## Cbe Apiary.

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 porad communication for them to doscend. This thisy L. did arcape smalt olustor of sbout 30 bees, Whieb





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 E11 suach diamoter supers nade, Yhish you recom-


 ary, was is to t. mpat bo
 Whose oombs I find it heat to get ont irrer, bra, and takes up an the box atanda, bottom from it - ollimper of the ather ify for getting comb The mper wat cqurit, nad made ko tha

 moturned to the entranco of the stock, whet tho quaen Yrar mothod of retarning beea maty naswar vary wel realt ta a fight anmong hemsores. Wo prefer tho

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 bout f moh spacs beimean eadis. For the is the The essiest way 18 to sover

me mandlo and shaft. The ahallow okea are poourod t bhap upar divisson of the supens by metns of four small ne of wood festence by porews.]
Drtying Bex -I have some been here in common bikntes, and Itrat to know ilt it is posible form Itan! itern mim I recollect eome Yar 1 the I do not know. My frient is, now doad and 1 , in a notiknow. My friend is now dand and
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Notices to Correspondents．


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 THE "GOONPNOFffH"PATPVT ITfRSE

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Che sgricultural Gatette.
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 fists, are, to way the lunst, exceudingly dountike Not only is the promipe of bame-joms tod
already blichted, bot reporto shos thet foreiga and consequently earlier, gnowths ne mach under the arorage
limm anne unexplained cause, but probably frowis th prwantanco of the cold north-east winds of


 If to trial clowir, and yet the phaty of weathor durin ? the mabing of Cluser bas this vear, thated with the ur, 1 wal succulency of the rop, has, wo frar, tenderd to not at fer ace.dents in the chi pro of fired rick a and whe re thas heoght
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The second cut of the senson, from which ecoul It us, ally obtaned in, it would seem, following out tho same non-filmerng habit, anl iu as far us our own observathas hate pore the same is ! wecurralg oveu whon tho first crep was entel ofl by aheap. In revent reports of the Beed merket




 that of ? $\mathrm{sh}, \mathrm{M}$ that can bo raked up, all arat trill noty berig 2nqured after, and all arg adranced in price.

Wra heard a farmer say only the week, "I hape a bag of old clorer sext, fad I suppose I niust wo careful of at." The truth 19, that the sper fatos always buys when the markot 19 lor, aud koope the stock to make a profit whan sted is searce; and the ro is a fat कhech mul. tho trader $1 \pi$ thes trectire, nutiely, that an ball neasons not only is boed aconco, but ats quality as usually inferior, and to we ner tolld when old seed is sellir $F$ for

- It $1+$ dut ever bright thet year, nor will it comy ul so well as tsutil ; but scod is so acaroe, Wo must put tp mite $3 \mathrm{t} \mathrm{H}^{11}$ The question 1hien arises, 1 to seedamen inn, m whom twor aro

ghta whn suy that oll somd may then aro are apoloTutptethalls wehava ur foutht the to be the nem ;
 in lieates wa scel or a me ct are of ohi with new. These are matters that win have ascerta ned oser


 riusil test, but is father ripulatel by a braght. ness +n tha appearanen of the samphe what can bo thatated easilr enough to deresto tho unwary hy various "doctoring" prucerses,

Arything+ oberythe g, in the shapent iovorseed, ust bo sibut tiext spring i.stext groat cautime bo (xpretind, Hiop Tr, fosl witl get trixet with Red (lloser, aud Iltutann will It t be separited if at be not purpessly alled Tiking thess taete into convideratiul, what fisions of "Cloper asckrasg" will haunt tho screntufla farmer, as the result of a falligg crop of Clover soed.





Tho ontly fathare of t lower wios biva harid ne
 extent of ${ }^{-} 0$ per colat Iu this cellute it is true moro than the orluary secd wat wow, but What can be aad of a stokk so badly qrown

In the interest of our brother farmen, then, We ask them to bo careful of therr choice of Iluver seei for the spring sowing of 1870 , and here at may be neceszary to say, do not be too shy of "hamang up" i bat of ("lover for seed. Wo say this becasise farmers will bo apt to neglect thes in a btawon when the crin. is not promasing, and so a less breajth boung sceded will only add to the dillizulty of getting a geauino now sample.
Can farmilly be taturgt ${ }^{2}$-or, aro its rearets only to bo prinetrated by, ang yeary of expertonce? The andwer to elther question in, we beliner, meither deridedly Fer or no, and tho truth fralalls less in whirn lielmeen tho twa.




Knowledge of lucts maz vo açuni d through ol pructionl minl. Experionce most be personal, and extond over wooh a length of fime as to bring us face to face with overy dafficulty that mpg beste cur paith. Hence, whale a largo amount of knowledast may bo ganed in a cotrn-


 pupul a personial exprerpence, mith all ita concomat int atrantapen, and conalder maly tha best meena of ampartimg th , result of tho experreace of others in the firm of wh l-asertatued fach bounoge upe n has f..taro walk in lafe. To than

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litat, it wiust br wintell that a knowled go of facta bearing direotly on farming mill eventually be of inestamable value; or, in other worde, that a pration of tuntrs, ir at loset of riculy is It 18 true that it is twest? morating of the Roy.s
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 of vixace would hato hitte ditheurty in contiluering the detatls of farming We do tot agree to this. Wo belleve that long and careful eftady is required before an intelligent matu posmectose an extended knowledge of the art of agocnltury untrammelled by fooligh prejudioea, and with tho capacity to modify mathorls utader novel enreumstances, hud wio also belirvo that to juouro 8zocasa a man must bo truned to hus bustresis, followed as a prolitable occupation.
We hardty think it necossary to trouble our neaders with argumnats to prove, what all intelli-
 ing in practs a! sot.c alt ar" at raintal, a knowlenge of then-retrial agracitare deairable, and that an +rimght into brasshea of setence, directiy urandicertly bearing tupon asticultare, in Fulu-
able to they youns farmer．Huw，then，＂this nxtended view of egraculture to be obtained－Wi： do not know of any one place which proxil ，it all these wante，and if a place existed prit ．．．les










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 to hatera puis in iter tuan．Wo vily wondur that in a great country like this，minv atturtion ha not been bestowed upon mo durect a nutbual wotourngig agneultural progrtes．
Onor robitric ecrum tho Ahathe aro more pective＂Agroculturat，Munsg and Nosha－ mid frota＇t
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##   <br>  <br> \section*{，Mr Jnh indory rell． <br> <br> Lerl from Firracy} <br> <br> Lerl from Firracy
























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 Irrated root, or sugar cake, and the modastar. The Eivit nuteflive properties it is, thenefore, wsed with mina
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 "Hul to met the mato of nountry muresy in forbitin! Fich propnoglop, to the ohe band. and h a wret. hed fromen end labonan-weria, an fat -ot the other bo




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 Constable. Thomgh he reyotesd in overy proti of wott








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the me of eduption


Find the mall ones on the top, and the depth of fatin sut etopped from the acoumulation of sand at the manth, ond we had to open it up for sereral yards, and
 papprsed to flad neerly a huddred fregs, all of a bright minter in the 1 irre quring water, which never froze, an thghtly yin keci bet ween the la rge stones in the rubble thenarti, and would heve dressed and cooked the leges ( therye all allowed to go down
Froare all well a ware that a wot frog in frosty weather rould be frozen to an jeccle unless gomse fuch provision oud been tiade for it Dut as the winter tans generally fors the frosty season, the frog finds po ditioulty to nat Joding in the deep water or in draids out of the py of nost, At the tume I speak of there was a
brook of clear water and soveral pools on the common brook of alear Whator and soveral pools on the common
nitin \& stone's-throw of our house, zud from whin I Hine ubuve atated, I need ecarcoly remark thet froge alomaded; they paswrad in the poola, and plonty of Thon I had groped under the stone for trout, I bave bean annoyed to find that froge were there. Whether whent demks to keep the froms in oheck, or for thio mhe of the ducks' eggs and dutoks' flesh, I know
not, bat sertainly our ducks wers quartored mpom the frow gad that for half the year at least they wond come waddling home avery nigut with their
crins woll crammed witis this danty I have often tern it at the death and seen the duck turn the fallprown frog nbout unist che bad got it hearf foremost, craw Now tf toade (Rana bufo), young or old, had ben presented to the ducke, they would not bave to prove that the trad de ett some time of the year not Rithout renom, as nusy credible mitnesges have the toad, I woud only remark that as no known use a the tead cran at presont be balanced nezonet its ansggththese, their numbers mught bo varg much
thinied (whera thoy are a musance) durigg the appromehng spapming tirif ithid epawn of the toad daviers One year I had the parden infested with milions nf young toads after they bid left the water
 In the spawning watson, and so well did the beoure the rround eftor whas he had netted. But to return to am po advocate for ibe eating of frog lapa (for that is
conly payt that is toten), but, althaukh wo ere not horld not ent them, and have anuth obeap and natural hod provided for them. The frog is wonderfayly proatenmitiog pools is such an army thet one wonders Where axul or that ithey will all bo fed. It is a Fery y mather to eccommodate a chlony or rogs if they oun only get an old quarry-hole, a mari pit, or even a Whas have leps, lat the pool be enclosed with a low Wall tibe wervice of the master of the pond tot in in be a frog pewarve, Young pheasants gre ?ed Fith suts' egsts rocoms provided for thezo it would be idle to grgue Whey have learnt from expernence that nothurg will do battor for ohacks that this fresh live foori, and few Totinat have been found to do so well. Io Devon, near Younsuy, se eh were the number of snails that in siring four or five smalk snails it everr step, ayd when the joung ducks were let out in the morning thay yan whay to the feast of sualls, and the game fowla and Wrinded sulls whenever they coald pet them I mootion this to thow that onming inseots and seeds besmeared tutl mud and sand aro the natura and even the necossary food of noultry, from the hand tome jemoocl and pheasant doms to the barn hoor phin truth, and you snay sea crawe oft stones and that phin truth, and you may sees inem eat stones and sand Is partioularily 80 , Bud has a ginttonous arintste, ard fhou ish only be kept whers
 from thils suthor any furiber begond the sangae word bs buck " Slasy pered to pear bave thought to make monay by huging food to rear duris, but they have generally dry for the finguntur burd liad the frog been a true hish, anstead of belenc.ung to "heptileng" I should havo had an eass task, as the scrence of pismeulture in jurt
 Whe of the spawn nna the young fry, gnil make figh
 and aterw or preserves of froza 19 a feat already eccomphated, Whilst we are only febliog our way and to pering or call ng in the add of the duck to help ue wocomy ray rood of the fron of sll in our domestio


 Rot plenty of fros, itutia cortain, that Fhem our ducke
land oRRg and required sittle or no feedius, but in
wonter, when the frogs were protected by ice sud deep Water the ducke had to be fed at the barn door Notwithetanduad the dirty hakite of the duok, and its rog-ealing propensities, ducks, wild and tame, are pikely enough to hold then ground, and at present hes are e juxury pt the table or the greatert in the and ared it is hugh time that a step should be tiken 10 the right direotion to get auoh a want supplited. There is no Dovalty in this mode of Peednge ducks, for who ha not read of heard drummed io their ears of the " Frog that would a woing go" and of the "Lily-white duck
that gobbled him up, with the chorus of that gobpled him up, with the cions of

Eroley poloy, gimmon and spinne
Aler. Forsyith.

## FLAX CULTTVATION IN IRELAND.

THE accompanyiog jnteresting Table, which bisk just ernamated from the Agricultaral and Statistical Office, Ireland, is well worth the attention of our readers, If hhowa in statute seryes the extond under Flax in yoar'; also the anmber of seutchíog mills


## AGRICULTURAL GLEANINGS PROM

Favere-The crops of the last harreak turued cal Fory rood, sind those of the pressons year nodicto part of France suffers lacal oulabla domal sayb thin rotn the cockechafer grib (Melolontha vilgaria) notilitg being safo from its ratazea. Consuderable sums are pa $d$ by the local authortites for the capture and destruction of the cockchafers, and many tons Their of these msects are gearly thrown mhto the sos wenton densruotion of manil burds which has boon allowed to talke piaca.
Lombardy-The rent ot land in Lower Lombardy harieg at present from 180 and 200 to over 500 lirs par acre), this last price bolug given for meadows sud acre), this inat price berns given orily me the neifhmarbat gardens near towns, especinly in the neiph-
 of the contract, which is genereily a vorbsl agreeraent, yary in dafferent loaslititer but payments to the landos wery small rent for oolt, with hat excaption of oxponses of outtivation are borme by the pound the
 generally for a partod of nina yearn, and in rome few instances for a termof of and nomelimes ly vegaz. Any addutionel buldisg erected, or improvemeut masie, by whol ha receives adequite compensation. The
 positiou of Ine agriculuramberdy the previlence of the "mistayer" Bystemercludes the question of wages. In Lower Lemberdy, however, the system of wages generally prevenis, although when rooe is harvested paymen it kind is very requant|y hop
many bagal of rice per quantitiy brought rim.
The notan whage of the agricuilural acoorres beldom oxmed ve not unfrequenty recalres from two to thres trime The pe peacantry of Lower Lioznoards are Itra. The penesantry of cowar lombaris are ganeraly in a mon siserable conuhou, bady fed and from thar preparing want of olcanlivess thes sre gepecielly liable to the ravages of epidemio disenses. In
Upper Lagobardy, owiag to the " metaser " sy stem, the conditnon of the peasantry is somembat botiter, thay are at least sared from after destitution, for should the ith of Indian Cntrin the landlord provided them With aufficient of that prodnca for their own spatem anos and that of thair mailies. The yield of hay, Which is often good both in quality and quatity it a maler al of areat importance, owing to the large
number of cows kept on the ding farms of Lower number of






Total axtent of Fina gromi in liviend in esob of the

|  |  | Amers. |  |  | Acres |
| :---: | :---: | :---: | :---: | :---: | :---: |
| 1851 |  | 140,686 | 3861 | -. |  |
| ${ }^{3} 18$ | * | 137008 | 1809 | -. | 150, 070 |
| 1889 | - | 11400 | 186 | - | 214080 |
| 1035 |  | 151, 0108 | 184 | -. | 301,093 |
| 1.955 |  | 97, ${ }^{108}$ | $1{ }^{\text {nto }}$ |  | ㄴำ,435 |
| ${ }_{1}^{1556}$ |  | 1) 0 , | 1569 | -- | 263,54:7 |
| 15.58 |  | 9t, cid | 1845 |  | 253,25\% |
| T9..4i |  | 130,90\% | 189 |  | 206,483 |
| 1slis |  | 1.89, $0^{3}$ | 19\% |  | ¢21) |

The total area uriler Flax flurluatog consinderabig From yent to year, as fuay be seen from the abo aloextent of liax krown in the years froms 1851 to 1569 is given. The smal.est aroount of had under this orop appeara to have been in 1858 , when only 91,616 acres were reported. sigce thea the area has increased, 301,038 naren were under this oultivation, the lergest arem yet requistered, this was deoreased to 251,000 aures varied from 206,483 to 263,507 acres. The smaller ares represents the evtent in 1.869, and during the present rear wa gro plad to potice an increase of
 Tins iserrese is almost enisely due to the province of Cister, whirh tous tas 18, Connaught contributes
 The provinge of Letneter only shows an increace of S9 cerpe. The great bulk of the Flaz crop in therefore seen to be grown in tha north of the atand, where the poople have carned the character of greater thenf than atieir brethren in the Soath. Woald that the growth of this raluable plant coutd be more ertemued hodent Erall cosupations would bo as immente adrentagt
by th, phlno the farmer divides his "rancho" nto two
 soeds, and lelt it lin Palinw through klio sumyer in the fall he harross it, atud " sums lat 1he dsal." as at
salled, breaking the ground with lios harrowa to a dr pondery dust, in which he sows ths harmows to a dry
 bayren es it 18 , but when th; apann of trioclure conie the groand is ready to absorb \& nil, and hl ti gre, n gtarting early, is firmay rooted, and if the rains be Isht every drap is aconomaspi, wht f, if the gehkon ha wet, the reain is firm and strong enough to stand a flood, besides this. the summer folion ne wives the kround a rest on alternate years. fohna $R$, JTek wous, hem, Ang 0 .

## MA ALGEMENT OF STRONG LAND. 



 and soilerwood, now converted into grod till sye lanil, and the st, fif alays, which wore almost drowbed out With water, now produring far. Wheat and Ont oropos, Fith onces onally a sprakikng of Turaps, and Barkey Our weadow and fasture lands jute slso reterved a far abare of attentict Tlie furmation of niricultiys.
 brought forward for disa's.as sot at ther meetal as, ani


 beer wis le, kitheir yltos remantos to be dong, atad gimio of


 the sfor-mabagemeat, or teasits' miruterneata.

## Lasidhofis Iath hemevts

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 wood, or worms than usolens helyen, osly praductwe th

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 closels observen, ith order to anmertana the proper deptit gat tirough the bed of cley, doto eren a ittia more, you or brally nature or if the alay appenas jointy and lit


10 sertsapart, but ithe clay runs deep and of a yors
 aw tware I ato treadina of ricl ente griculad, as fery persons believe in enthbing bizb i-feet dran But I

 of b th syalems in fery mumit gice, y 2 w $10 \pi 7$ yards aparl thero wal ho aboint lofir rodst to the more, sud thas,
 The bfect cutting 10 jarls apart, would bo about






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## Hot Havstacks Mortars $n 11$, for 1 l



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Feeding for Prizor the fiotswoll ram breoders are





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 oack harieq. I am surn Our fithes muat liave wough-


 are now put apon ranta only tis weretwa tis: jr il) ar and

 I hey $y$, ur kind permision to ofer a fers remarns on the sare sulyert, Fim grat on seems noay to be liae







 a far andirite te hem is harher on for fo jear lifus
 he is fitat lisis one, willa ilite worn aq sperand to


































 IIdaleasex that mada rejtidariy if riuluths


Watar an Grass, - Some folkn fiffer witat mo when I a) Inat int a of (irses fisemind Hulata im lb of hay.



## 1avory $82,1809$.

- fifreot Nataral and Artifielal Grastes
pal Agatudural Sucicty ed Juarabl,


## 


 fo in one anslanice Brizal media) belage as low as
 wher wher, ant connected, sitn the period at walaly -Gres comes into dower, Nus ny culculations of
 a 1 ces that A tows if a havo produced tiree - of fine las II rialo into hing wrin in I
 hom, of wankt to know, tiant pery guoculent or - turs Grasses carly in the season are apt to ssour

 xummer adrances thiera is no fear to

 in lase thatiz 70 per cent of water $J . J$ Ifeetiz,
tuant Proprietors, - Paring 50 gears' res dence hop the preasill iry or Wiltakire and Dorselith res and Lbe mili rovamant of the ermil ton of tho working contin athly brifore me as the setand great ohynet 37 aife. Ihave had full op porturnty of obserting the
tiog of penant pronietorah. D , and, though or ands yery difarerit from throe anduced in your st of to fiy, l nate long heer conbinced that us xeory is rathar to the m.sery and the deterioration

 - t the nlyutut as many peassints were at owed to themse ves proprietors of as many porthons of of zof thase of ite estate of the Dugliy of Cornwall
 mor 1100 acsuls. I shave been myself matioh of dision





 F beneflt it
workins and profinchoramp, my ounvishonss are fery id farfu to pesane t thantry, and I nane snon to be shl whe the pulle tast it will be ereely to the interest iuchinses, that if wil tood greatly to the soopal and mal omproverivit of the working clanses, and that it is at leasty in tl a nelt.bosarhood of 0.r villates fasiler town4, the laboarer, tho sopehatic, zad the
 tiflir reat If thie cult vation of stach prot.onfor moorditug to o roumsthenoss, be feasible (and
 cisempiog pry ind if from tho cultivalson of evee $t$ maler of thisse fortinns it can be showa that a it the abisnrpison of small properties anto larger

 to thas suhjert thar they hare has trert) done


## Societies.


 (Hentron) with the Virtrumberland on thas ult.en
 antended the great sucess Much of the attecesa whoh buty this and lint year, is due to the admirable manFan wich the erringernenta have toen plansued and Fol put by Mr Jacoh Wilson or Woodhorn Maner, inth, the able seeretary. nssisted by a wal.-selecterd



 coumberfantl iv thit tie cxeption of the south-mit 2i andiest farely Aic africultural counds, It is


 and Allendile ril ways, and the weather be ug lice, a
 caker, at tho fates amounted to $31 \%$ ?, aginn nt 2.33 tithen list ycur at Cormall
 Slusw was tud Sliorthorn ratile, ind, takime the
 tnere waro 10 bullas shown, and sial oxte. 日lit were
 to douse as to Lueir merits. The Txt jrize, an I "Edgar,", an nuimal Whioh fas not ouly gained 1st pir zos it Cumberlatud snd Wentimaralaryl, but alsu

 commen iad at the boyat Awria tural Soce ely's Siow + and the 11 prizo wasgiven to Mr G Hean's bu I, whath cook the 2d jprise at Cornhul, last Fear, nud the 31 at the Highland Soarety's Show at Eduburgh, A, bull belougDg to Mtr W Linton, althoud it has preplousiy won and aso two



 Ihshop dullk latis the y yent, and wa di, just year as buid zalli, took ite da prizo at Curnr sin! the lst We ze, and also as Fur cup, at tho 1 nes de show sh lualty enil rumbor Sixteen cow were shown, tho Laty proal betng awardsd to Mr. Kooth ${ }^{+}$\& celebrato

 meridou Tao Caloway ittlo wera a qulendad lot,
 also the si vor cup priaented by Mr Thomas ly ita oi S 1ot 1ial], was firly won by Mr Grahamis anima,

 III andruiluk the Lat prize to one dolopgiug to the Dop
 was given to MIossris. In manby fors ram, whoh toot the 1st praze at Hinctuester, ant the 2d at the If ghland






 onk tha lst prize witl a iut whe at were lat




 serea gond lot Jua liorses were all bxcencut shas






 sid all the yrizes in this olass have been earried nway by breaders from ihe Sonth, Thers whas su exuellont bow of wool, and mmong the prizo-takers is Mr Angas, who, whendyer he bas oxlıbited mond, lias pever beten
 Wie show-urourid Abradyed from the

It. thero sre fewer limecs, Ir af at preacect than
 preatut in kikure Surect this uech taiab, in momet of
 the Royel Dublin Sociely sucommodated on ita some

 ciblarly ip tho hunter sechoma It iapurite ovident that
the Dublin hores shoters sre destraod to effect a Fidt
 gold Lumt tug in rut
 F. rumement of that descript.on of torges for which this ountry inte lomy been fa bous
'Itie etutr 暨 is tho differcat clazser were, wh we have tated, 452 , being about 180 zlyore the Kocsety's blyow and islington anf tije renarkably ke. fillad hofre dupart-
niont at tho Mant liester meetag of the Roys of Frighand, wh ch numbered 34 bentries
ly the dasis of thornty' bred siras there ware
 ated to 1 aprove and perpetunte the breed of sound and stout thorourdr-bred horses, wentit-ciarrsing buntors,
 Itis amportant sprat on was a wardid to General Hess Lio property of b a Eivelleagy Eirt Fpencer General
 very atylisil, portasis, but sti, arso of grest purer, nat is s racahorse ha bes been Fery fortupste and scarcaly legs go as a sbow haree, haviag boon ist la hig olass a the Isingeton show of list year, and well placed at other


 was hay riserty of it $r$ ary Ibumn teruant-
 bindsame, stylist anmmal, whoin in re thnn deserved tin face of aonour aixerdeal to bim. The whs the Ist pr ze horse at thin recent show of the North-Enast Socety nnt 15 by Thermanby, ond of tha Ham of
Ihunderbolf: 1 H w was bred by Jord Fevoraham, and 1s anw five years old. Mr Donjania Dickson, Gilford, Co Down, wok the lat prize in lise thas of thoroughbred sires malnulated to get carriage, troop borsu*, or roaricters, with atrond, an agel elicestut horse of a good and Mir HL Court stotiod his mell-known and tiseful iout loyal a Weh-brad impartal horse, Was wneh ndmired. Neither of thase, hamarer, notwithatanding thoir tudoubted mont, mere placod. The entried in the sectian of half bred sared were all reaented by the frimes
hn I unt come tho most interestmiz dass of at

 exouse, Postbly, those who objected ninget writh



 if If is sc tion with a rery Lstidnoties the lat prize

 agreat fisonar te with tr reatsiders, and had formerly provel lis on shity, havity heon Ist in his sectaon Ef Apprectation t fifra, by patrerating an for for Iad Coventry at the hatidsome thatront 3 nof Mr Iovell's fear-ald clentnut a if hunters equal to from it stone to iv, stone \& Yety Enri Hppecer's prise oup for the bast horkn or mare



 -3nt liardiy fat to be warmly mpprociatod on all quand. lorses with bus stjlish bay gelding Phyles; Mrav Ad $I$ urbakt, Owenstomn, Durdrutn, batag the onner of the unaro whick was placed ad.
I mumber of exuollugt wetght-parping oobs agd
 Cupail. It $1 s$, wpossible lo spenk ton highly of the hrond mares, and the best evitan of the truth of tils 2 .


 ITA have luatol that in one departmant mathom werg not as they ought to have bean: and weratil
to gey that the falure took place in the olass of agricultural stallions, of these there were three entries in one geation, while the otber wns a blank, and the

 was presented by toto Roysi Axpicultural Snerety of Ireland for the furpose of heing asterded is for such pure bred spricultural stalin a as nay be conauered most desirable for mproving the bread of dranght horsos in tais country ()ring to the rejection of tho horses entere for competition, the cup remaius With iho Soriety until next ycar, when we trust a
 very faus onimals, to whrch anards were mado as given

 bection was blank Abradyed from the "Irtsh forsper"
Tiff fourth anim zimpinctil
Tris fourth
been entries of somimals then the provious shows. The fnorgase of 54 over last year, and of 71 aver 18607 , The obsarnter of the animals, tok, indicated a conaderabie improvemont in tho appreciation of thess ghows by exhtotors : for it whs evidently underatood that í Was useless to send anylung that wian not really good

Of thoroughhred stallions fir kuthnz hunters there were 10 entrina, nad 3 nresent "Tleaze wero "The
Haifu," sent hy Mr Naflor, of ketmarsh Inall,

 Westley Rubards, of Drminghaul Dalesman," the Most admared 1 orse of the year, by Masor Karlow, of
Haskoton, Sulfalk, "lidoubt,' by Mr 1I J3rown) of Monkton, Wilthire, Mr Manmodzs "J Jho Ila Ifas, Mr fresory Wathon's "Inst,n," and "The C'zar"," He
 man, the stronk and eleasmb cheatnut, whinh thas lst
Acserican bred troter, "Shepherd T htoppp," in TYorkshise, the week siftor Lhe "d was grver For
 with thet honcur.
 - Muatian Jhew ${ }^{2}$ wis 11
 onu. innt well be porsposed stad greater strenatlitin
 to be woodered at, therefore, that ho Las carried al
 Here be of conarse took tiat lsk in hus elase, and he wras also awarded Mr Westles Runiarus. 10 ga rup for tue
best hunter. In Londos ve took the isi in ha class, the value of the prize be ng jol, in Escex hat took inl in Stufty appestrag. ar publis. "Topytal! ${ }^{\text {² }}$ has been susarded tunder 1Fs handa, Mr Westley Raehards for hunters tho lat for anythink bats s $\$$ sking chestmut, partucularly Hhen the good horses by $b$ is le are taker + oto con-
siderafion The surize, Иr Corliet of of Jumb eten
 geur, Were all far before the lat prize in fiwility, style
The il-yenf-old hunters were an exceedingly goor
 The tho and s-year-old colta and alli


 placed lat. Mr (ooks "Beants, a arown move,
 between 16 and 1, handg, Mr James JIoroshy's

品ve the prize zganat "Sambo," and to the grag mare This shows how the tastes of men difer, for berosro a pair of smimals which hare always been shown togather, and one set of jud fest have preforred the hathstoppiag shows artion of "Sambo," while other judges have thmired the quick but easy and elepsent style of the thoroukbly-pood "Bedin, "Fere the Jorksh+re judgment las been anafrmed, and the Arat honour in maferred on the grey mare "Beda,
In the harness horses, Mr Horabby's "Sambo" and

Was awarded to a fint puit of bright bsys, sent hy
Mr Holnea, of Taverleg Several capita, hankney ware acnt from tre town and nescliburthod of
 IS rmanahati Mr Jnaeph Gisil nan, of Lantala


 - 3 ear ol 1
and fast ection
lhe ponies were iny del suto three classes, and more exeelleat oollection of the various shes whm
Tla stoch colss sid pon malial ninng them two pure



The dray-horgea were but few, and some of thie older oues were rsdiculounfy overafod.

Honest Tum," the heut hore in England, whs mong the ngricultural atall, ans, and be of course, Welling lat priza Mr Minning, of Orlingbury Wellingboragh, Northatmptanylure, tonk the $2 d$ ba trizes with "Hermales" nbd "Black Prine
The srrankement sund management of the show wna rery cred.table to the secyetarys hir laythal, noi nil adoption of a curd and rlastre band for showimg the
 ebder, was r wreat eonvensence, alfostre a prant wo for it often hapriens that th:e fipures are so smanll ut ro ronat engether, that, even af a card be on eac




## 

Occafional Papers an Feterinary Subyects By William
 In his day nod geveration the late Profensor Dick



$A=a n$ antlone Mr lank was but littlo known, beyond nrit re oerasomal nelicles in ngriminural ard feteriliary J urnals, lee ad mithang to add to the

 early sseber ator perhaps he was only gife in 1hos umally arrived at a conelusion directly oppazed to one
 Their pra.ses in thin assart on of lis preatrat nenm as in prataral beyser as aye cnt Ac mati
aence lis we find a co lertion
 and well-delined deseript oms of $d$ spases of harses antd Cher animu, which catue under the writer's notice the real led him to oppose the idea of a mysterions orijin of disease. We see this tendency exemptifind izl
 Efirgootic D reases." Writing of the cartes of foot-rot,

 puance it an orergrowth of the hoof. The ornst- the
 sp 11 ever

## 

expased lle rinzt, hereforn azrews tarestro mel until it enther laps owir the sole, i he the oose sole of an cld when, and saryes to retamand aecnomato estrth
 rearh of the 1 arck, smindatumations is set up, which, in ats progresp allers or destross the whole fool
Aram, at page 105, he elludes to the preas.ent ides ingronical lerms

The plague is now inown not to be so infeotious as

andiblate the ex atensive doum 115 The l'pas trea may
pestiferous shade, but what is that cones within its
t pesinforous ghade, but what is that to the infection of

that it w.lall $x$

| 8 anot. Il ¢atue inio satne matri, |  |
| :---: | :---: |
|  |  |
|  |  |

## 

## 

## At pays and, $n$ relerenter tor thes $m=1$ <br> Its sulde a appearatice ntid ral chen a dick of alipen, of a herd of sw1at, or a ispo foil  <br>   <br> 

gradually delachoeg prod atin:
Plearo-pneumonis is next pllyded to -
filently declared by eame that I wath fle rewas mo previous murra $n$, and itabt it alonwasl: yoontagith very few, however, who bas

## It tids. however, prevaled

for it miber of yeara, as an ep zonli" Bnts $I$ lin
 what, it is sil be anked aro there mmans hill thas Will not a stret quaramit ne present its commundeated to lienltry nut Irifs I I think lay ous, ns I ehalen leavelur to slonw:
 of l'rofessar tamonda'

 Wbat were the circumslances? I guy the wet proper food Reaso. IIad the nutne the oange and the euthe
 1 lisere no dout the $d$ serso we.na have subarded. attempts, hotwever, are made to elfect a oure it isc stdered so in glely oonlumt us that it is thouglit la
 nud hence the number of virtinis are enomous
incrensed.?

## incrensed." Fruther at page $230-$

|  <br>  and I beareve that it will liflathate 3 bo found $k$ ante |
| :---: |
|  |  |
|  |  |
|  |  |


 localtas where the u sesue mas luare ag pearem. proyrees of lise $p$,ague III has own eountry it
A consterable pertaco of tran volume sefled at
 retuers, followed by a
By troga ardations the
frime ds. ts not enliar red in therr peruzal, un they will + nse nat lin of and anc
 feuds boloog ing to a pist jeriod

Farm Memoranda.
Lobhshibe. 'Ing pleasarit prospect of the eatity Fart of July 18 far from benng hurtie olit. are rep imperfectly filed. In the nelghbuurhood of nsixel with smak Thdongs from veriois districts the county tonfirm the above statemeats, and



 liearler crojs of tivo lempl, lams, list n t to ans ganch

 abowe on average,
Begmery Countifr - The werther bis beet unfavourable for harrest oraerst nns aserage I he weatrar Jshe lar beru
about Dehenlam, in the sama county
latic boik of gassatity and puallty
$L$ BColnshire, in the care of Whet but Oals Barley are seported good Around Kettarman,

## 2 Aversae 7 to 8 bushels losis in rley aud Oatz are satd to be good.

## 

The hare from numerouq correspondents anquirles keep. At rint tizere tho A rlesbury ate remn the ual 1 the ha a界 daesa mere raraly tie
 ra re natnes 1 1an aws otner do uektı
 oparly p trien Fast Itad at, Lobrador,
 le $\rightarrow$ buri of 1.5 orjginn. habitat is an open el pog tho virious breoda of poultry $a^{1}$ rond, so lave nefer been gontent Chey whtec to ws We create our own breed up to 1 on the wi nof we tlionk
 al, shy, clever little bird, yeadily and in bulk not muwh bigger than a
some getare it was to be found almost

 ly formid them admirers and purmbosers at oner sot lo work to improve the size en fell wil funts Fortunately kanis fers to then origirial ddens respecting them,


not seen a tronp of joung ducks sith sare to be sluz ur feng in thelr way the that duka kerel in this sorl of chase, and we
 qquit $: 1$ sit port.cig. Those who hare eaten thern ble, I I ayy and round in uliapo, with a very deep eut eat rather deep in colour, butstacculeat ful of gravas on tio whola it is an excen the stouk littlo frtend with matsy muaves hias a hegr

## 

 pobley at in that Inds (in some didiruts at least) been
hry ir al and worked for real trade ard marisot ghed absolutoly for markot, and are prepured to make mottablo wu h to meep. motrot in rds hatese. mbe prase 14 your tre is nh atoor, sud to not give went the yarlety pretinults liothed

 mbites when not wanted for the lucks. The loor



 the das lianf an lisur er mave o the jond ari h he carls mornicy an bof of of busking in the tat liale day ath

 betmited and eive anst be taken that, whris beary
 do bot regu re mhitl space tho amosint neecesary ma be jusped by tha birds themselves. 'Iney refure Holugh to onsble them all to get comborbibly to the
rogh from which they aro fed, arid then when then ppetites are batislied they want space to lo wow
 bese peris are made by s. mple board partit ons, sh

 wil done, will 25 in November The ducklings hached at Christmas are rendy for Londenhall by the end of February or begineitig of 3iarch, when their Thue rances from $10 s$ to lis that couple. This price a common one, in the manth of March, for chaoleo The ehume of the best duck isan embaras terabisses or of the two breeds arcaug noticed we hate bad to sotit farourably, and of tho Rowen 8, that we krow then at which tho breed was introduced nto the muctry Such thinn, howerer, the breeu has been so diges of dils country might be sidoring agulest those 0 then, and beat thedi orn any point. Yor, bords in That the coi ty pe sa preserved, and the specimeng are fonadily anortumately sucts pre very frare, aud as duote $\quad$ bith every

French ontirely neglect oolour, consequeutily the big etommore bird, and ths producs sold or consumed as Rauen race pir

## Calendar of operations.

Algest Oat horeent operat ons difer very lutle a wa... Fespects froms thoso of Whest harvest it the cattup, thock.ag, sind slayking, Thero wre the tro sou liern counsties a fow except ond, wa ere Oat, like Barley, are left in ineswat he, anu cor is buad up in sLeeves Lske Whrat, it is cut which rass, or before tie erop is dend ripe, for tho agke of the corn and straw expecia dy tho Potato and I lani fariol ea. When alnwed to becuane dead rifo tria oss by sheddog the I unupest of the gran durne tie ruthing, ettier by soy the or reaping macharo, in bricht sumny weather is hardly credhble, Fiale in high wap is the hall, and sometrates more than the lalf, is shaxen out but Vhon aut at the proper tume thas lozs 18 obviated in eitlier Wheat or Barley, and less lable to tojury from $r_{12} y$ wealdan 13 at from tho natare of the stram it it

 erger a., if the seasan an het oue, fur whea lue she of tho lueart by ratr b swels ato bec mees so ticht sud spread out to the weather thas 19 nuore especraly tho case of the stratr is dead ripe when of tom the sheaf hecomes looser at tio band than when newly bound, and, althocati soaked afternards When newly bound, and, althoughis soaked after waras, it doess not become so when dead s.pe ande bound up hight. On weather soils the crop stands betler up to the meerther somid solls the crop stands beiter up tion thark 18 per hinpa more trate to bo tane and twisted about in al. dificulues in the tray af uthne and stookiop for
 aud to bo blosus over by kusts of wind, twan when th
 1.le Tyine beds, so as to lay the e ra straght for gatbert

 But the reelime tp ar drahine cmitruan cer now on at



## an. 1 tont

 ${ }^{4}$ double ${ }^{3 \prime}$ (is it ja sometimes tertond) of the bund. But much of thas liability arzeas from brenkial the Thum the cradic on the Ecythe, mad the resla and
 of the gatherer Fhen not properly educased an doin: the work by thas lirry, bix tarc leasjy
whed flem stooks ard baity ret 1 bay take supher twide batence invo ves n loss of time and everstling elso "No more speed than rood wors" is a sound niat.m and apill caber to the po at on Guest.on, for matlose strioks pract cally mean soon ready for the shackard her kinls of whe corn, sis the teeds sito $k$ better logether in tho shea and tho sibeneng toretlier in the tayk The roof of the stack, wheller roan! at traiplit should be well faked ciossa ma some as built stranglit, should be welt faked ion stach hinfe, no more and the situs at with a sernao or stach ande, no more he rif cut off tho buttis liath ahat is meressiry

 wose Some farmery objeot whiming tha cuttatis wifh
 grourid ta worthless, for there only hafe gromme is
objectitig who eist two much of the sides and efer objectitug who ent wo much if tho sives and ere obslract ou wheu the
 twe sorn tut tor but end of the sheaf s demegend of

 the cuthog of the oulsides of the atacks shoulil be kent tap to the bulding, were it for notlitag else than the keoping of the stackyord in a workmspike state,

Thatchang should never be allowed to fall behmind even in the beat of seasons. Some farmers ithatch only Fhon they canation carry, and they oftea therefore "thatch in the wet, "s shortisighted economy, much more loss being thus sasthoned than it, woust have cost to proploy hande to thatch out the wet as fast as the stacks ere bailt There farmery wisk, no doubt, say that the roof sits down, and os therefore more essily thatcied aftermards. Grented but let the yoof ant tha theteh sut down togetuer, end the result will be in favour of the work done, sal tho obyect for wheh it is done. Thes Fle ws aphly moro forcibly to Peas, leans and laracy, than to Oats. W B

Notices to Correspondents.




\section*{\section*{TH 0 풀 <br> <br> Horticntural Ging Warohoria <br> <br> Horticntural Ging Warohoria <br> }

 10 MALL SIEEET BoUABES, is or, por wo tuat.


youmex


HILLLA, N DaAMONUS and
 Tbe mbure sre bet for cast wit maueh ranpat be booked.




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237 AND 238, HIGE HOLBORN, LONDON, W.O.

## whit porward oratis on application

## CARTER'S ILLUSTRATED CATALOGUE

If HYACINTHE, CROCUS, TCLIPS, and other DUTCE BULBS, PROIT TREEE, RONRS, \&c, for thas Autums's planting.
IC. ATD CO. Atrongly advige fintanding purchasers to obtan a copy of the above work, wheh will be fourd
 manful culavatons.
 meommended


[^31]Cholce Flow or gaeds for Preatat nowing.
 Chirfor, TT, IT Im sis





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NEN MÏ ATE !

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## The farmenerge ehomicle. SATURDAT, AUGUST 28, 1869.

Tinst: who may hove had any hagering doubtra as to the feasibiluty of what is now tenctully known as \$ubTromical GarDzNING, at least ao far as the southorn parts of England are concerned, woud surely bo convineed, ly ax: mopection of Mr. Grisoxi a arrangemunte at Battersea Park for the preéent year. In a bessorn gingtlarly ampropitiong-romarknble ot onoe for the press te cico and endurance of its cold ensteriy wald- for is general low night temineratare.

 I bitablo sad it hua beon in more congenial seasons.
 1 Grarden has ever looked potter and more attoatave flamis in at tho preant fime, chanley to good toil, wall-wdeviepd holter, and the judigiouts bottling up of all eyaisbla onth-heak.
We do not proposa to enter on a deneriptiona of the foatares presenterd by thas remarkably guccessful prece of gardonary undor deffionlatesfor su,h the outdmer eulture of pleuts from tromal or subtropicai cataes inust ever be , Ratternea l'ars has rroume far tuo comprehensive , for th.s to be doue w+ thin reatrinaue limets. Wo shall endeavour the rathor to andrato a fow of its mosk strik. why present features, and to point out some of the most elfective materzals now omploged.
Formost in zovelty and altrsctrventexy rfe oortan low beds carpetoci with distinctly eolorired fourago. In one most strikingly benulifs. wed, so feet sou hy B feet wide, we haye three rertanticiar mastes of the goiden-leared Pyrothrum, whech aro bordered and connected by a broad, sh band of the rows-rintind Altemunthern amrns, thie outer mass being made ap of the orabige-tubles A.ternathers paronyebrodel

 Ancther contiguous bed is flled with tho game kis of plants, but differently arranged. Here thisie aro trio hayral . .a, 'aronychoides major, bordered and consected' 18 a

 figure at each and, the whole outer mast being the golden-leaver prothrim, edred w.th ${ }^{8}$ line if Eebereriu socunda, In anather part of the groumds occur a yair of efongated carpeteat beds, congisfirg of a ocries of oirches of tha tilvery Extannarie tomentoca, Altormanthers ansoen and Teienapther rersicolor berag diaposed in a seroll Ike bond around shem, while the outer part ts tilled with Alterasintiera paranyl ctriondes. with a nooat effective border formed of a sumac line of Eeheveris qecun is, whech lat er, whth sempervivum calforncum, and one or two ther gill of stmular cilaracter, appear froquene ther trons. Thees carpeb bedraro all goms io hour way
Another remarkst) \& © let 1ive sphat, aua on to whecin



 whito-lanved Anter pura sre seem, rejpa apabope the

 lowet surfing uts of dwarf tiab.t, the antontion being herbaccouss prota evered with ic carpeting of alose-













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Tha Prasiflern
inquiries latoly, eaperially from smatours, on the afforded by the meotur of Congress to oxylath my Frows. I contend, and have no doubt tist really practical men will bear moe out ${ }^{n} \mathrm{n}$ thas, that there are no fixed rules for gerdeners they Laye to depend so

 equally w, th the martoer, who must study her, uliart otherwise he mag find limselfamonifst tio rocks.
As each individual class of plants is Loyerned by natura. lasss of its omen, st pract.ca y forlows that biseg furush olis ftarting point and gurde As we have to grow the Yine in ar unnalural ormime, and an outardo bordere, tre are bound to bring belence nad practice to assigt us, for I hold that whito we consider eciencs all important, still it must not montravene the expersence of prictice As recards lhe Yime thero is no doubt that in soveral places in England tho subsoni su, ts it completely, and in such cases, of coririe, it buds defiance to hoth rule and arthicar I have seen unstances where the roots of the Vine hape rambled for a considerable distance, permeated through old brick walla an's rubble, zud bepomo a complete mass of fibres where roots were
In the accompanying plan $I$ do not sttempt to define the elevation of borders-1hat mutt bo left to circumstances, beng ruled by the general state of the groni hiph or low, wet or drg north or sputi Here, in 1 very litle below the ground level, and to rot as much of


Fig 1.

the border inside the house as possible. THe annesed pant (Fik. 2) slows : housa 28 feet ond and 12 feet Fide oatside. The front wall of bouse a should be bust on arches, it is the insude border, C are ventilators. These yentilatora 1 wou.d hape fitted with trap- oocs, ather of nood or 1ron, and they are intended lirat to act 05 gir passages, and secondly to give secess to the pupes. By these meang you will at aby t.ma be aboo to ascertain the heat of the pipes, amount of molsture,
\&c, and by providing the pipes with eraporating sc, and by propiding ihe prpes with oraprarating roughs they cat bo aropliou rubblo for dranage, $z$ soil $f$ border,
The outside border 1312 feet wide and is prov.ded w th two 3 -mines pipes, flow and returu, the pipes to be lasi on the concrete and in brick flaes formed of two brichs eft on ceme, an. le t phen hoted, t a fow pres to be
 ime suffic ect.y low for free realat on I propose coser tog the ilues and phes with llooring i. les set tu cement. so as to prevent the heat rising perprendeculary, and compel tit to perznente the bordar horizontaliy, Intm of omnion than is the one greaferil an chambered bordors. One can just jungrae, after the popt, there must necesunbily accumalater certin amount of moisturo in the
 Eurface of the border become diry, the ronta wish uaturally nork downyards in search of motist ite Just pecture to yourselsad a quantiry of nice lattlo whipisel to tod loft in chambered borders gon start the bottom-lient, and 30
the heat of your pipes IH list mint berurne of thise rootlety exposed to, you Io not koch what lyat, befor
liere 19 any circulation in the kap of your V, nes? wnild be something .
Thas as ope renson why I adrocate the rentiation at the end, so that we man Enow eractiy the hest or hie 1 p pes,
 to kill or a mjure gentle humad pencal atmosphere.

Those disceples of bottom-hentige, who would ment pernaps adopot a burat ine border with four rows of phpes perhaps sudpt a burer 20eluod, but it seerne to me like e should get moro heat from the two pupes placed aner the bumer, and thipe would not reture to beso hot at tho shane 1 she the eat would be math more orenly hinused thati by puthon finur rows of pipes el one ande ratanld conctete all br rdere, unless the routs can be prefuter irom getting dosn nito any unctuods lagey danl will whe bent of farce here for tone to attemp r.th the harders Gutside, in tia north or Epalans conser ier poremptorily ucmands bollom-beat, the Grayes are reg ared to the ripasis doril and May, Air dratns from anst te of hottio, eross, ng the pipe llas, are shownati. .ows, here iv another pont I must leave to tac mition of the constractor, whetuer he chooses to carry these through to the top or frontende, hut, under any creumstanees [ would construct bll air draing bo have 1 coud stop them at will. Sometimes gou may times nuto the repera- to tor dry hot mas of quat the cannot chect airration, this is not only iniurious to the rools, but was lizwo i fremb feri+eney to mifest the Vint reth thrins smbl rel
I is .. thot ouealy thme further than to state, that
 writupg of gardeners It is rery crrantin that ther are weno whe secin to bave fixe tulez of their own and who prefor rinamg tae wibs of therr reas unmeronfuliy into melt other rather tean to depast one iota from them as, for aratance, when they hold to thetr opinion agamst turínhach has lad shecy folded apon it, and essert that ca cined bones and oyster sheils ara caugerous nostrumas to be avolded, or whan as Lads Downo's, Blsct Ahcante, \&c I should imagris thast mast prachioni men would not object to the former and ta to the istter the are andibjensable in moss establishments, more especially for tie market. Few per80na will dispto that when cow Grapes can be obtained say tarought the month of April, de, they' are far preferable to late ones, for a mice dish of nem Grapes wath therr beanutal bloom, and mith the foliago in al ts freahnest, iss much the more tompting appearatue ont still Consider that late Black Grajed uro invaluHall Gardens, Northweht, Cheshore.

## sMOKE r YF(ETHBLE. I IFE <br>  <br>  therefore, for that lengtu of $t$ are had to contend  venture to dry butore yous fow plefor romarks how that extent injured, and in some instances deatroyed, some or the treas, se, in that locality <br> When I Arst came to live in Warrington the eir meas   plant inguufactor eq have increased, one species of fund an some matances las beection a mera skeleton of What it formerly was, givige a desolate appearrace to

 that counly which it ouco beautionsome fitanta reembich mine sens.tive than others
 and Larch wero healtoy these wero the firat to Fir way, and the first wh in lad to be cat dow Coloneater mierophylla anst ad the Arai The Juniper. Ericas and common Rosnmary followed. What fow now extit of these are 12 a wretched cond thon, sa is Jerberia hicifolia the lew, once very Figorons, is all but destrosed the Rose strugeles hard
 Confers, if planted on tliese grounds, will live more
Mins of theforeittress that flnurished sy years ago are
 wore ar:d his re filled u. $\mathrm{Ll}_{2}$ nosimus vapoun, and some

 IL rec C a st cut wawe thic ! ...aes a goung, and never worse than present. Thas Beech and tho Lime trees are somam hal strongst than the above, though wary far from baind the next, but all of these ere dirty, and are to tomsiderable axtent injured
A mankst fruit trees thas Pany appears to stand beet, but is not up to the marly, sind the Plum asd Damson moderately well, but they are ziving way, The Apple Eigoroust, and theso not saliofantory, the full-grown Red and White C'urrantu have sat fipréa 4everely, belag tery sub; ect tod with in adlimese shatane then



 pretify mederstely free from smoke The the w, when the infertor. The fruit of all these plantes moutd moon bo

## detected in the ma mpanty atmosphirs

Mang Furctablen of is Rram utranzy do moll im gomper，but when the gutumn safs in the lieavy
 Oetaber．Cajjipowers do not atand ady froat here like they do s short dittance from town ；ever common finter Greens are fipulured to an considprable degrees，and it in orly in very mifd mintans thet the Erocooli leeps alive． The Pelsurgontany whoh mons plants do pot prosper here has the fing Fers of ben dispoloned during the ni it if the atmo splaere is of lowtampertizure nod charger with ohomica Vapours．A ow plants stend pretty we Tha Rhado－
dondyon，Aucubs japomica，and the Fin thorn flourtah Some speoies of plants suffer in all parts of the


 those mpre exposed to smoke．
The thotb ramstas have reference only to the srounds on which I mim employed，end which tire pheculatly s suake of thend zoth Himell end pardens，tut now somth．Trade has gradaally theremsen and diritu the

 a great deal of harm to vegatablo lifer，I havo beasa on


 ＂uctio ithose in thio gurroundıg districte where there


 This \＃ume worka are unise delotorimus than others


 these aro lookiug bofly
The ounsiskrts of Warrigto forind in some of the garremes，bute not in a aztufaatory stata．It we go sax miles west we comut to one of the most desolato places one ofver sam，trees apd hesigsa being
killed for a oonsiderable fistanco．TTe Tborn mud

 spranding desolation，treess are dyng for miles awny from it．Rast and south wnrid of Warrisgton，where Io Workz are，tho country safertle，and the follage rioh．

## conntry docasyn． shes，so do the syringa，tue whilow，


 I．spinma 10 be lavoured by a less amodnt of smoke thar
wo hire no en averuge． Inder cifcumuten $x$
 must hope others fill foltaw in thoir nteme
severing，ingenous man．
Cosfalness in bringing Pood，but else for prodrois． thinga of beanty nad adoriment nat it if the duty o
 Ami Ifall Wart ？

BRIEE NOTES I 小心 0.1 HIDS．
 threo kinquoms aryund i，growers most do
 tucrapore，that in opan ng this mbibect herg I have
undertaken a hasy tiske，thoumh I shall be dealinf und raken a hasyy thas，though shalloc dealing ${ }^{\text {F }}$ t

 Fras cained aver nome few plathe whioh from tume to tione opened their purnous，beautivul，sach frob lind that revealed its beandifes only finoressiout tha＂ du－t．for more，which desire has certanhy grachited in a most extraordinary doqres during 解e from their netiva habitate by various eollectory，natil th tho present time there oand be fegi shert of soot pectes in oultivation in European Eardons．Mady of these produce flowers of surpassing siza and beaty，
 are cenerally most exquititely
vowed with irefnt a beautitul appearas whan caried by the amsteur with blomited space，but the Whole of the Epecies should be carefrally prowerved jo ofr targe Botaniogardeng，for nene are more ruty awars miniog tho limita of kenera sad speoles，and nome can
inow the value of livios spesimina for this purpose tmow the value of liviag sperimina
beiter than the rystomatio botaulet
It is mat iny intention，howerer，in aonupy time Fith the history of the introdsotion en manem．Mmen of tropioal Orclids into European gardent s hamich affer a litite d dvioc upon thetr manngement－to repent，
 not be now to them，but I will hope my observations may reach many begnners ic Orohid growing whi gecatron of their hobby．
Orobids lake first rank ：nonget this planta ouitivatod
 Fpiphstal and Tarrastral．The plants comprised in the 1 and Terrestrat thow，and are found in the brenohes of trees at vasuus olevatious，whilst the the brepohass of trees at vafupus ones bre toostly found in khe mofs tom－ perete regiong，buytiag their roots under the surfioe mind，und many
The growths of or acoons plants are commonly pailed psoudobulbs， 1 at has occurred to met vory

 Epulendraim，Cotasotum，and others oqually dis－


 pubh is Cologyas， L others，put ond fining in detall the oulthvation of this， my fayourite olass of plants，heuse my views upon this nubjeot have beon for some time Irsus aently
fore the Orohid world．first in the lages of the
 for the Million，and mors recently in the thres and in Mr．Warner＂x illumtrated＂Seleet Orchidaosous pinate were，moderste heat，en shundance of frewh， 3 wee
 Fith shate from tho direot riyg of the sum ；at

has I aldom have s platitshrivelied or stow＇is

 the＂spot ${ }^{3 / 3}$ Bpat in tino groat bagbea
amatours，and undeed，of many old－eatabished Orohid suncionged rulas are followod，and，if in additton，dare thken that no tutten or rothnug material 18 zuer the roots，eithat in the shape of rour Mtegasnb Mona，or In inm duik powne luat arace an neat mon propoulue

 health，＂and have thus become on fitting receptada for



but ir a heallity plent 14 pleoed side by side with spotted one，it fill not be harmed．This 1 ，ar． tharoughly tested with my prra planta，and finve had ampla opportunity of milahing it In other colloo
 impioned ints amblantion intiraly fres from the
 Rus lot the jlant bo taken out of the material in Whalb it is potted，or if en a block of weod lef that removed；then out arty erory particte of docayed decaying roota，wash the plant and rool thoroughly，
asme timn nttend earalully to the adoloo previoces the probability is 3 t wili not be long before the pint ygath in perfeot health．
I heve adopted this trestonent with perfect sumom
 have thorougbly tosted．Whilst apeakng ol theoriem I cannot help expromalig my burptim eanams Orohd growers have be＇li so reakless sill their valuuble plandg，is to have mu ir，y＂tot rem． theory propounded by those tho have probsbly nane tried it for thempol res．I aflude to nuch casss ss to

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It is $R$ noot that many of the older colltivene．
 cillura onturaly．One reason for thus hy bero the

 hoore unbesrable－havoe thoy hive bean duonter Another reanon in the oase of namateurs，has tman ib



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ing intereat in tha history of has phants， 10 or Fhare，and wader what treatmant，they eugoed ． Rint whila ther strandeasly advocating thet Pas Indian kiads，trosu thelow or hot perts


imagine，wonld woon learn to oorreot，bi，way paratively has beendothe，As a class ther b mach neghetsod，dac for no other row Thla is the opinton of 30 Fogrr Equ，wi bo grown thinh has ever yes been attompted many Disis，Sotynums，Papoulan Bp

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thed，aud that fite pompetur bas．al the
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Mend more ill treatmest than must it
 ra provide moderato-sized housen $\{$ a r them 'is pre5if lat them be abundandy but judiviouspy vart - mure to yield nolurghment to the planto ; and Iol
 $\mathrm{a}^{3}$ rod to ba said upon tho dinculties of Or, tud ration, $B$. S,

## 4トf'DLING PEARS

a a army e.risth degade, and have moy furth Fory promising partioulariy ono raved froyn
 of treed is trow from 18 to 15 years oidd, they are pr tinto Ons alurost hopes that sorae will yrove
 unt sud full of high-coloured irmit, whuh have orda.
ane l'n many mally yearn aince I mined lay firet 2. Whorer, prove hardy encugh to tolisfy ind and Loirel it to go out of culivation here, buit learnimy nitn d'Hiver, drith my name of Whater Beurrá n





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gratt will not boar froill till the sooding tres whence 1 its taken io in a bestug stato- the seedling tree



 th are some sly or seven yeate old. This may be Parpititiod by atpponins a beeding rised from the Pear Bourre Clatrgeala, whalk in the jpring when one rear old up partally out down and the ahoot grafted on co a Peer on the Quinowstodiz-my the Vime of Winkame lizne a nhoow from the parme woot be manal oa so


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 this to slarge, herds, and very late Poarr, whioh keep den 1 armm Jngrurmen, dittor ripetas well ; Citrou homel that theme two largo and good aumber artpen whili liom riften whutes, stad is of inn lat



 sowe of all Pears to raise seedlinga from; jto $\mathrm{J} \cdot \mathrm{I}$ Whe oftee then, ard the seodingot poor and weth h




 कnong the tho or threo thousand Boedling Pears



frots. The multure of chove l'mars is pinte wh oh $w$
One ins be ramernal, has hroten thmath tbla diflimity

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of Piennetion, who mised mony new Pears bs in mis. tan many of them partook of the makuze of 4 ma lusk froth his Peare the the favour now ramired





ing attention to the baskward gtate of vors satede



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 of it an extrugrdianty wiy of inecansing the size of :

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thal uners the Alpino or Apenaine pastures there 18 not ine nit te wriftlay of betne abundantly naturalised in






























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 2a it. $n$, thy $\%$ II faner Tery well the fallow in

 is ar It, altivated |the flowers of spring It is a porrecticy az iy $2, i$ oujpirled on otemosta, ut a fuot bixis, ifilgilid fro in It is a native of firmod and soultern Suropey in by no
 pring hively, but or will evo loak becoms popular










There are itrubin res el me on 1 the volour of the flower - mmanina, y whe of tmbl th, of purpligh. I havei




 an! 2 Wlatatar

 our zardens, but is well worlhy of beng lantroly growi.








Tomt correspontenct.




ay ur of from faur to five imobes of thesh hon - of

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Wionought but a deand fulure, they have cried diarith tis proceedings are served up to 1 l This is not oredtable. It il not courteou
 ho Coogress papers appeariag with surh Suf-respeot may make the nert readery stjpe ac.sal tor I ersays batng printed in certain paper-
 anse wit it it ursicuated thit there Were but
 doubtrul if the Fonderful

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## H2:


 monkay It a a martint the greatest mase
 i. is sprinkled thickif With them in and and their conduot zaethas most purposelucs ter they have come to die or to live upon aplided Igh post an on lony will be found neituer to they seem to favons - iphisdes more than thoso that wre linas ing ever seen th lady-bird eat areen-







 A. I'arm ir in mint ismift., ir to all the

 to ot then green wood, and mahalusp at unteriy
nf f


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[^32]






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## Gurden Memoranda. <br> 


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1 nauld notice more of equal iritureat an men in that border hil $t$ bai in pes one to a anised borver.

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# Notices to Corresponienta. 

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## DRINAGE-PIANS MADE LOANS 




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 Bent Preventive of Catcls Disease

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## Iron Clateras <br> 


I. STS OH APPLICATION.

## THE LONDON MANURE COMPANE









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## Che agticultural Gazette.



<br>

Tilere are no other comntries that rerivo surh enormous wealth from ngricilture as Russia and tho ["ntod Ntates. It seems that fitmeng prowpors when thas lmad is fertalo, even without tho ad of arnence Nothang cati bo more rade than the syglom practisod in thaye two conntrios, to which wa look, not wathout anceety ins gomo goarn, fol our hargmot suppling of Whmat.
 rial ceorising it is a matter of mideforeriten to us Whather we draw our fupplins from tho greatest Ampirs nind dewpetism, or frum the greatast Itepubla in the worlih, but wo must see that they do not fat us or foll xhort.
It wis the opinion of Mr. MCCulean, nim of
 (4i) r. growing resourees of ime. hed $\Rightarrow 1$ ere itly nezapentaterl itil that the. Implan

 Was fused on the low avarago yiou,
The amall Wheat exop of the reh soils of the Unsted States is popalarly attributed to the slovenly gyatem of outhration. But this is an Wror the catike of the oxtretnily irragular of thliago, wharh might bu eorteital?,
 Invorica were eolwimelona map. it would bo hem to matude orits $\pi$ suma, part of the comentry, The northern livist may be tolerally well matked hy $\pi$ ltuo drawn from kingaton through Lako Simeo to I.ake Ifuron. Ani it is because
 of thes bondary lina prectul lo the prostable ealtration of Whant that 1 anula law diuappointed the orreinal expectaton of hor exporting enpabrl tiva The sonthern limite raminot be ko exactly defitind but it may be asid Ihinota, and of n. 1 the moro southerly sitates, that Maiza $1 s$ tho natural grans of the country; the chmato in too mimitatirig for Whent In Alahama and the cinlf statos. whersver Cotton arat thes siedr cano flownh, even Mase an mom purtarls unpi ultetism, rowits to tho forcing Hhatiter of tho slimate, tho hargat atimingheret Brit h.gh tert yrat ir, dere. If leal at il stim nt the experi=0 of nit...
The rich allurial plang of (rmatga and Joulsiane yeld less than half tho Mrize etops that aro grown in northern Kentacky A narrow strpp of Wheat land, however, follows the Alloghanies eren mito the eouth. Fingtward of thet ragge the older and more popalous ittates, with their capital citres, and the wide coaboard with Its flonisishiag coast towns, hare in poberal I very ped the Fistern itutes with noblo formatm, but tho agricellure of the conaztry did zust sup-
 thand 8 great fis at $24 \mathrm{D}=\mathrm{m}$.
The gront Muze anl wheat regrati in that


 The Misalssirg, the Oho, and thear mumerous
ributarieg are carmary, connocted and linked togother by canala amal $n$ imerous haves of ralway, that penotratin and intersect thes wide and fersio country. Tho natural powers of prod acton and the means of transport of these
 Farmon," gives a very tlattering lescription of the fertinty and reaources of the states he pasmod through, but wart $q$ the settler of the extremo huaril of soming Whant in the climate of Ihatis. One pinneer after growilag bul bisbeds per anto 1 n one year, sowod $S$ in) acres the fellowing sagan of which tion tierts woro kilted ly frost In another matanre one woek of expessively hot wather, after a wot aprimg, remberal the Wheat noarly worthlass A sottlor had bus vielit estimated short.s boforn harrast at 18 or 20 lushels, but soon after he chuse to burn tas crop rather than roap at, twadng notbing but shritellot huak 21 the ear.
A Kantuck gentleman owninf 8000 acros of fino rolling prairie, bail a crop of 6 bushels an

 Indan lopricula your for fatteratis eation
 shpme and its tril itaries, by pasontya riters, and canalla, which 1 angport the $r$ in of of the north-west sitates. The sitates that export to Wumope do so through their prent muporiumis. Chicago, Butfale, and other lake ports. 2 ard by means of tho great highmay existmg in the chain of lakes. BuEalo on Iako Erie, monnected Witid Now York by the Emo c'anal and IFudron River, is tho channel of expaltation for the greater part of the grain bont to Furope, bath from Canada and the intates.
In Nast Canada, What 19 only brown in a narrow atrap along the river St. Inwrence, whore the limeatone soil is favourable. In Upper Oannda the Whent district extends farther from the river, and aome corn is grown for exporta= tion into the Statea, and eastward by the $\mathrm{gt}_{\mathrm{t}}$. Jawrence to the Instraty which aro not selfsupporting. But the wealth of Canade ia dorived





 with Wheat, but even on this mound lasd the yiold is far more influmes by season than in Britait.

Southward from the shore of the grest Iakes Mava craltually takes the place of Wheat. The finath land, fremeralls least suttell to Whent, larat that yzelde or afreage of 75 hombethe of Maze, domet not excend is lithande of What per In (1n the richent plairat of thro latid lets,
 of the Intior ja 15 to la bushele par acre; fo bushola is nlmost an unknownta yold, but the crop of Maizo sumrtimen reachas 1 lat bushels per acto Indiati loorn is the fallow orop of the tateq, [1whtexl whin, it arquares or chack rows, it is chassmig amb mexpenwife, the land is cultarated betwmor, in each direction, by hrorso Inbour-tho only chmap labour in Amernea. Accoming to the 1 mam itates agraraltural atatistices, the cop of Minzo iti j4is was 2l buhbels par acte, over ats aras of $15,312+11$ acres; the following year the crop was 28 bushels per acre. The areragn $y$ elil of Wheat in these
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Wo find, aceordangly, that the breadth of Mfuiza harl jacrensed tin 1957 to $19,000,000$ acres, while that of Whont had decreased from 13,09R, 936 acros to 12, 304, 894 ncres.
The forcing clemate of an Armencan sumpmer, Which 1.9 nometımes fatal to tho Whent plant, guits Maye. It never sickonas or farls with dineamo, it will bear ang amount of foedrig without bong layd, an it indy bi mpeatm? in tho Ramo fiftu many yiara in sascomesion wothout munure. Tho liut 24 vas 1 meser tos tiro of it. The Ammicatia, who hoast of $n$ "this e. amtrs,



 of corn per head of tho prealation at 6 buithely
of Mnye, and s bushels of Wheat. Theas rela-1 process. Trathfal cegalta in experimental farm-
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## Forelgn Correspondence.





















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Ths Justy entlo with woentupt

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 wheh ot e showed to some extent at Raster. The
2.10 If

 Roveborry, Was put int, 3ir, Whllam Roo's Lely boing same mantleman, hoghly commended. Lir Coabr's comb wheh although unramed in the entalogut pres We bailore, haode wh, purflosed is sd by Colon' Prisker's 12houls oth by $\mathrm{Sol}(12,120)$; with the sut of grogal commended place to deother of the Clasto-









 Mr Mowbray's aucersas thin his listisird. At tho honours, fotluding an H. C. and



 $r$ from ewea which had bean prizo sheap to

 $2 d$ prizes an the methona of petian of bive awoa, for breod-

 In Mr Mal at the Quoen' County shoms, there Wras a

 ciass at the recont Edinhurgh show of the Hiphland in, Mr. Bland's, and a highty commended catrd to

 int whand


 Eranike jorpoint; and as commendat in, is Mir F







 pon wated.

## manded.

There was $n$ shing partionlar in the olngs of other ongowoilgd sheep, and the beat pan in it (MrM. B.

whe at at anear, under $75 l_{\text {a }}$ a-year, and under 231


men at Marsboraugh, hut the general quality of those
exhituted wis good.
Some vary far horsed, pertioularly in the buntan olnsteo, were brought forward for Mr Crowly, agmen privo, and the Poeen's County Hunt prize, The firat
 Fixtrantande, thoatrs, t
lu up lim
of mbat was a real
to all macemit
to all mbeeme -




## Farmers' Clabs.

## BALLINEEN, IREIAND

Av the opening mecting of ty + wew ation, beld a chair, when his Lordahip addressed , thesembers ons the current topics of the day. After axpressing hug happiness at meeling thom under such invourable circume appured to Deun fivourable condikon, him londehip took tip the princupal topio.
Flas - The chief ohject of nur mesting toudey is to mate surangementh if our wilt all oo-operate with os

it phould beearly commencor, burn I ath ans It Ita wonld onconrage farmers to grow Finx go muoh 25 a astem, as is the case sbroad, should hape been estiob lished to buy the standrag Fax from fore armers, and
 burt we hope that this whli be carrisd out it a future thyy of Flaz has been grown than in former yata Whiah, I am bappy to biL, 18 now the largest Flax mathet in the anuth of Ireland. To any one who hos (then for a leng tume an interest in the cultivetion of and in the tope thet
 factured ints linen by tho of Mr. Polloot, manasof Mr. Nash, of Cork ; and hope by suola messe employment may be fourd for the population, troe moluino of the dimpertitige whioh prazile ming Purlicarbe and Irith Apricili rew- Darion prat
at peatios in Jreliand that the ; ayse ghouid bo pur and aot twoh tope call be ontertained that even mext

 tiken place in the ut are ritaritial, ar: it tho ereat Tha Contagious Disenso ithimalsi 13 ill ban been pataed for Bngland, and it will he very mportant for represontatives objeoted to its extension to Freland. It ereated at King Bridge station, capeble of watering 200 cattle. Excellent plans have alao been adopted for
 relway compantes. Ithe fil for proverit $r$ t the ad ti as many of seeds was. be a areal bent 11 to the farmefa.
 haroolfentried to call the stiention of the Govern-
 Hoard of Salional bducation, but is wheldom by the
 Buttor frea illison to theo brmohes of inituty
desire to inform the frmers that the London procture the extra mild salted, and he (the chairman) enuly not mon wi, ? say,

Why they should not eatabitish one al Rullinema, frer
thoy thould remamber thay hat the railwas out the ghet market wht eatafinhet Ho also directed attention To the importane of prodzaing green crops, and the Turaipe Thes of feeding sheep and cattle with Dumannway, and ( math, is Akpl altant Sootefy be
 What Balineone compld produco. It whe the $r$ tinterent tural produce mareh their beat ettention, for agrionlwhich produce wis inarening in demand erery gear which Fas, of course, a kreat sdvantige to furmers,
 the United Kidgdom, as he believed it was not geae-
 the article of egts, for instance, thore wero limiorled

## 


 oncouraging to farmers, as it whe es int then frem


 tion with the authorities, and he hoped ora lo, a separate bre wonld be given to Ballitionn, and the the Governuent to estard tho wires to all plagots havirn a money-order olice and post-ollico savings bank. This
would prove a creat bonn, is by the expendituro of ls. farmer soutd oommunimate with any jurt of the T'r.ted hindom and pet the atete of tho martets.



## 

ho (tho spcaker) tried the oxpertolemt, he port his Flax a long






## F'erm Memoranda.



 finvit ful hat mons ahow-lant, Whuat fatis Jueans. as

 Fariably. Dairy stank Lias milked well, and, notwith atanding the prevaience of much unsedsonably cold of the liarvest of forward hopefully to the ingethernd
 gisaned this- weok, in addision to our pperial returne Cends to the oonclusion that there has been as shigh sume time, there are many yar Is whioh are in a hove less conalition a condtion, ju fate whioh precludea lies possrabity any sulstantial altaration pakcing place ate thas period

Bromward. The plantationn in thia Alitrict hame


ri. 2tr an il a l 1 mark ran cul it $\mathrm{v}+\mathrm{rg}$ hattle




Ditoys-We have to report a decided improvement
in the look of the yerds Einco last feelk-the present warn weather seems to sgree with them. Some of the plantations that were considered hopeleas are now romining a slight grop.
Fellon. Tha Hoppr are fat making their appast
burkwad. It remaing to wo wen what our yards, with, 2anerally speaking a scascits of bine, can produo th Frist i of hrar hes an I frest birf flar cemp will be pery smail for thas district.





Hop Syranging, - \& m cil cateemed rriant, and large Hop-grower in this connty, who bas recantly voen rastiwit suric uf tas but fartans in Keat, ufurmat
 hrowers, have this year tricd the oxji rameat asd have bund tio result very satisphotory Mr, Hammond We mag note, an pattos that he shall grow in has heif gardens sbout two-thitds of last year's ortop, and ho Athributes Fery much to the success ut the syring-
ing propess. On portions of the ground whal hive 14 it bect that tresacti, fir I
 While on some of tho surro' Its as ids in Whition, the ostimate reaches from 8 ont $\ldots$.

 experiment, puta the costo at ol, p
 leave restry ample margin on the rukht ande and this beng so, it is only reagondble to presume that that I muctice wall come into peneral use whenever tho plent in the earlyer stingos of ta growth, may be infoalen ont any of tes various enemies, coming within the ganert dave been of tivg the procest come keat qrowers whe
 Wiler information es to the actual resula Mereford Times.
Midhamd Countigs- In Inelepatershire Wheah varles. On favourablo soils the crobs aze pood, the
aars fine, and a pood yield is antioinated phith somo parta the plant is thin on the ground, and the ess small. Barley is atuo E rarinble orop; in some ably ably poos. Beacs are war by the anps na Mape
 hats heen ono of the beat for yeara pmost. In Noitstherto


## 

Jutransg Fowls.-"J. L. Fis ask if any ci 000 Corres mindents Fill unform him if thoy have tried the one tay last winter; and of what ingra! ente she nquid

If we underatend bis question, it refers to the mode frenmming in thy wherys w-rs some time aince. If wo be corrots in or suppositiou (we write from memory only), the artioh al lued to spoke of the practice as common abrond where it is prutised it is more us a crotethet than act






 thin and diacogress fur a cen Lays an . ymmio funnat tho and of the frat imptemed
and the edge turged round so that there be no chapeo and the edge tureed round so that tare be no of tho cop or recoiver of the fundel bas a ring afixed to it of cop of reoasper of the fundel has a ring afisen wo the position of the ring is importani for
 required position into to numlure tho fune Tbow

Fore secustomed to its use hato litile or no frak and
touble with the furnel, hat liggtaners are romm. peaded to cover the ceid of the pere witt. indarubitu I nodile
"Ttie aruel be or resaly, $t$ as placed in a decypanand surat lade w th t 'Jta pari is Laken by the whas




 phatd ut the raty of the funtiel, the left funt takea th
 Eilbout hurtioz it, the beak is ofeneis, ard tho funnel arareft le introlu ent.

 - dow tahert, and the funlitit filleg with $t$, tho lad.e is pat back litathe farial a tre plight hand supports the cop of the b rd catil at is kufticlently fided, when the



 mith elaht hours' anterval betreen them thuse a






 bore al to be kipt fromh ilrutathts 11 Leen the corpg


 ben as one shoms any symptoms of follig out it ghould
 troniz and teathy with weady or sichly barda. Woul, ve merely tume, trout le and expense for nothan frmm fiflean to twenty dnye, according to the breed and disjos th $n$ of the birds, but wisn thay ara oдоa fat they must be killed, as they would got worse from day Laday
The farppoing 18 trasiatel from the lmint is if Jaque, who is considered te of the irat ..it rit
 netual wirh mia:


be ha The fo oming intereating communjeation
 of the country is a croas botwcen the thme and will mort commonly desoribed here as, balf-bred wil

 grow up fister, are more hardy, and have a more nest

 it firmery, of a dimer praina, and of a much auperior Luthe te thin nomizan kindy Tinel ere they ate reared

 of Ehom lake mu h ja ne to have tow knd. the the
 ag it 9 pousd to have a drake that has brens furtier erossed or ut the mmition brawn kiat 1 madiadil, orament is well as use, that the kiad is sory prelly both in shape end rolotir

## Calenivar of Bperattong

## 



 fef, but the work of eart rg to be plenned so wh to make the niod forento of Lhetis labour In other words, Droe be shaty of the rorn is fit for carritag, ftathoold at Dice be got to the starkjaris itacia, ald to the emplozmedn of oteam thir swof resp , ng-tuachipes, which further the pres the asa.lnthof ree of horkes fer cartizan, ald
 food nea kept m reall $y$ be acterstond as will the extra


 foe larke on thr fucl) and the erention of farm build-
 Matos wher stra tif tue has in

 Topd when ready for stach, sind to carry it to the stick


"oosing or "1ramp-cocking, ithe practice of whach or 104 k , this is dome without horses, the shearcs be.n barried to the cookg by men, boys and women, and carry off the rain. Io theog hoaps the corn rematns



 atomg realy $f r$ sta hirg ahrad is the lie.d for the want of hor-c-pmers and lallisi to srry the corn as
 the whar e of the corn sut, 1 eratare atrengit of the tearma may be use.lin ciars if But at the com

 mis ince 19 vers wird nurk, sie ga rof horas be ing
 require io baryeat ime.
Hemp te penerally resdy for harvesting in Augist The practice if very diverathed. In thas country the orop is kenorally pulled, hed up in Bmall sheavoe steeped and rrass-rotted, inke Flas Put sometames 1
 that [antel states of imers a. it arare frit evenly epread on the groutrd for a neek or sin to dry It is then bound up in sheases, $3 w_{i} 1$ steseheri (untul the
 romis fur hot seeif and hute it is selem nater rotted or slecpent thoth the mh a and fermale janio tel. ibre-the latter enlg aned bhen 1be crop, rown than in the ditlls, it a riss be to pull the male flants, and to leave the fermale stuming for seed It Wh.s caze 1he forimer is botat water an I der-rotted, the Ithenk suphratron of the male fron the ferande plant ampractiab e, and sedfor of ever atleripted, either 1 the crantry or Amer ra Jut it is we agonalty oor tis an.
 mafe plant to rather more acones
 er arre meekly of encher Barkiog, 10 tons or wh.ch iouvon comlicepers ander milch cown, and constmption of semate by nll grean crops durit The month is larye, berng at the rate of 100 tops of kerrage to 1 ton of Grass, Heary crops of stubble Turnips,
 ti $11^{11}$ and otiter crops are removed. The alose of the

 stitulional energies being soon oxbaisusted. 'l, be broken un: or man flam, tate grould afterwards to miy bo taken, ihould the withlity of the crop ornd ith isur meloh of the plant 18 liable to die oun alter the alinot into seed ear The ulose of harvest is lined to the best time for laying-out flelds and whole fazms for town or farm sewnio arripatan, or jrs iatiod of aly kinl
araritum - Sory on a clean st whberath seed a3rron-

Cabbage.- Eow in seed beds for spring flanting Th younk hants " ${ }^{T l} 1$ bo urore uniform as to nize, stronge in lite ritelw, letter routeo for ky ring plantma, and acha
 and transplanted twice or thirise, avoording to the
 Eud, ush shi flus ticem will suilhee, ald bo in Inexpen

 a) tho ske at the chmenard of the daryman berne requarel to pron ure prom tailk from has rima, an:1 10 Ret it into ilae darry without kuta in ibs leamo. thace
 now fo un-ta to rexulate tho tenmperatire to the
 hasat $\eta$ iality but frem rimeumstances statert lab month reatwe tos imporojer fakl and water, irritaticn a: 1 rarrumg the milk, ovary dincymin and dairy ais minn hing try fow Ifi th it in tion mement to


 animal and regetabie. Itie effect of this upon thi quality of ralk, and of the butter and cavese made Crom th aro so yet not rulliciently well uaderntord Cartina, howorer, it as, thal when the presenco of aurh milk-room, the place department of the dairy, at the obeeno and utcusil-500me, the reatu is untato ket, the the artioles producal. In the olden tume thunder to lizhteang mad such itko catzes, wol tho blo n. rosopre of moders linios ans sent many old theories to the diza

Noticen to Correspondents.




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Lillie laridge, FtLhim, lUNDUN, s.W
 Food or Iront), Bud Hetated OR the mast TUBULAR SADDLE BOILER, the chengeat and beat Boilor consiructed.
No. 1 axe to heat 300 feet, $4-1$ teh F"po
$\begin{array}{cc}\text { 䉼 } 10 \\ 10 & 0 \\ 15 & 0\end{array}$
No. 2 saze, to luat tal feet, 4 meti I th


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Inchudirg Firnano Doons

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Bars, Iowad Slutes, Damper
Soot Donf, and braw-off Tep

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 equatiled fioteral hive Decr in the fir soma tanle, azul mangy itr bow bellig fixed an parious pirss of tho co ntry They hase been neveresy terted anciconiflared witl. cases havo proped liemzselves to be what they are dengrated, vix., A 1 .


Hotwator Heatug a andinection ab 5 as carrned out onth
 what ara prepartid to ghy Estimate for as wall sac cubborik dystems of hesting saticfuntory results bate gharatitond is erex s.neturuct-
 ANCHOR IRUN WURK', CHELMSFORD.

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 ditine to pots, cos per on
chTa LOod ES of General Auraery Stuff on application to
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 Now Strawberry, Willam James Nicholson. WILALAM LAWRENDON Eegs to offor to the


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|  | 12 fine mired Olat Iolus ${ }_{13}^{2}$ musced Sing Thol Early Tultips <br>  ${ }_{12}^{12}$ Gestö̀rinos Tu Tups 60 fine mixed Tuipts <br> ${ }_{12}^{12} \quad$ E Erafish Irig <br> 6 Lites, of sorts <br> ${ }^{6}$ Forraria parools <br> ${ }_{1}^{12}$ Dog's Troth Vioieta <br> e Crown Impertaia |
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Suttons' £1'1s. Collection,
For open ground, Carriage Free, contains-

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Suttons' 10a. Bd. Collection,
For open ground, containg a choice assortment for a For open gro

## Suttons' £2 2s. Collection,

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Suttons Sil 1s. Collection,
For pots or glasses, Carrnage Free, contains-

|  | ${ }_{5} 8$ Porman 1 ris <br> 3 Fucocor irit <br> ${ }_{6}^{60}$ Ane Crowe by nemo <br> choles Yrim <br> 3 atholes giperaxis <br> 1 chotion <br> ${ }_{2}^{2}$ Lalitm lmodrollime albam <br> " rubr |
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The best 12 Hyacinths for 128., Extra fine double and single varieties.

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JOEN AND OHARLES LEBS have just received their

 UCOMBE, PINC Dutch Roota, AND CU. beg respectfully to call
 most select rarietion of Hypolatha, Tullpe Crocuses, Narcissat,

 WADSON Alba multifiora, Pinf
J. WADSON is now sendina out this excellent large



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SATCRDAY, SEPTEMBER 4, 1869,

mbbtinge por the ensuing webk.  

The Internationat Horticolitural ExhiBITTON of BAMBURGH opened on the $2 d$ inst. Sufficient timo has not elapsed for us to be able to give a full report of this important Show, but wo may say that it is varied and good. We believe that the following, among other prizes, have been aprarded:-Mfr Majesty's Cup, for Grapes, to Mr. Mrredith; a Gold Medal to Mr. W. Tromsont, for Golden Champion Grape; Gold Medals for Orehiels, to MMI. Linjeen and Kramer, of Flotbeek; for Comfors, to Messre. Smitin and Parrun; for Now Plante, to Messrs. Vertch \& Sons.

SU'BJONED are the ipsissima verba of therecently passed Act th provent the Adriteration of Seeds. To Mr. Chimles Siluree of Sleaford, in particular, the puble and the trade owo their
thanks for the passing of this measure, while the Reral Hortionitural Society did good servioe in caporg general attention to the subjeot by its reports and experments.
Bill wish to give who have been opposed to the Bill wish to give an impression that colouring as before, and as this is calculated to lead people into trouble, it is as well it should be known that legal opinion has beer obtained, which shows that if any person usea any artifioial means to give an old seed, by dyeing or colouring, the appearance of a new seed, he commits a fraud within the meaning of the Act by giving such seeds the appearance of seeds of another kind. The word "kind" embraces a Iarge meaning, and must be interpreted in conformity with the inteation of the Act, to do away with fraud in the seed trade. Old seed is one kind, and new seed another kind. This is the interpretation of the word in the Act by men of great experience, in full legal practice, both in London and the country. $32 \& 33$ Vict, chap. 118,-1. This Aot maty be cited
as "The Adulteration of Seeds Act, $1809{ }^{32}-8$ In this as "The Adulteration of Seeds Act, 1869 ."-2. In thin Act the term "to kill seeds" mens to deetroy by artificial means the vitality or germuating power of
sueh seeds; the term "to dye seeds" means to give to seeds by any procesh of colouring, dyeing, sulphursmoking, or other artificial means, the appearance of seeds of another kind.-3. Every person who, with jntent to defraud, or to enable another person to defraud, does any of the following things; that fo to say, (1), kills or caruses to be killed eny seeds; or, (2), dyes or asuree to bo dyed any seeds, or, (3), sells or punished as follows; that is to say. (1). for the first offerce he shall be liable to a penalty not ereending 5l.; (2), for the second and any subsequent offence moreoser, in every cass of a second or any sub-
sequent offence ajaiust this $\mathrm{l}: \mathrm{t}$, it shali be Iawful for the court, beardes ufftitng upon the person
guity of such off nee the punishmeat directed by this Act, to order the otfender's name, ocoupation, place of abode, and place of business, and particulars
of his punishment under this Act, to be publishel the expense of sucis oflender, in such newspaper or newspapers, or in su ll other macmer as the conrt may
think fit to preseribe. -1 iny forfeiture or namalty under this Act may be $-\frac{1}{2}$. Iny forfenture or penalty as follows : In Eapland, before two justices of the peace in manner directed by the Act of the session


to summary conviotions and orders," and any Aot smending the same: In Scotland, in manner directed amending the same, or by any police or other Act for the time being in force in any place, and providing for the recovery of forfeitures aud penalties. In Ireland in manner directed by The Petty Sessions (Ireland in Act, 1851 , and any Act amending the same; and in the peace, or of the police of bublin metropolis. Any jurisdiction by this section authorised to be exerclied
by two justices, may be exercised by any of the following magistrates whthen their respective jurisdıctions that is to say, as to Enopland, by any metropolitan police magistrate siting alone at a police court or other ap the oity of London, stting alone or with others within the said city; as to Scotiand, by the sheriff, o sheriff-substitute, or by any police magistrate of a burgh, as to Ireland, by any one or more divisional makistrate of police in tho police district of Dublin, and elsewhere by one or more justice " or court" shall inpeace sons before whom proceedings may be had for the recovery of any forfeiture or penaity. - . In any prosuflicient to allege that the party accused did the act obarged with intent to defraud, or to enable some other person to defraud without alleging an intent to dofraud any particular person, or an intent to enablean. particular person to cefrautany particular person; and aary to prove an intent to defraud any particular person or an intent to cnable any particular person ficinut to prove that the party acersed did the aot charked with an intent to defraud or with intent to enable sowe other person to defraud, or with the intent that any oller person mige person who is convicted -6. In bugiand thisere Act thasks himself argerieved by the conviction, such person may appeal to the next Court of
General or (Quarter Sessions held not less than 12 days General or Quarter the day of such conviction for the county or place Where the cousction is has, un manner and upon by summary conviction under the Act of the session of Majesty, chapter 90 , may appeal in pursuance of the lloth section of the said Act. In scotland and Seotland and of Ireland respectively, A summary conviction under this Act in England shall not bequashed not be held void by reason of any defoot therein has been convited
astain ho name t Every emplant uw sgainst any person in respect of kelling or causing to within 21 days from the time of the commission of the ofrence complaned of - 8 preforred against any person under this Act, and the prourt upon the hearing thereof determines that it is not bone fide made upon reasonable or probable cause, it shall be lawful for the court in its discretion to direct and order that the prosecutor or other person by
whom or at whose instance such complaint has been preferred shall pay unto the accused person the just and reasonable costs, charges, and expenses, to be setitled by the court, of such accused person and his
witnesses, occasioned by or consequent upon the preferring of such complaint, and upon nonpayment of such costs, charges, and expenses within 14 days after the court to enforce payment of the same in the same manner as if such costs were a penalty incurred by the person liable to pay the same.-y. Nothing in this Act contained shall prejudice or artect the power or proherein provided for; nor shall any proceedugg, conviction, or judgment to be had or taken hoder the tmpeach any remedy by civil process at law or in
equity which any party argrieved by any offence
gminst this Act might have had if this Act had not
bean passed. - This. This Act ghall pomme

Ir the last issued rolame of the "Bulletin of the Federation of the Horticultural Societies of Belgium su in interesting notice from the pen of M. Wequacl, ol the Playey cultivated in follow the author through his historical sketch of the genus, and his condensed account of the views as to the number and names of the species held by different botanists, from Spach, who considered that there was but one, to Wilidenow, who made four. We must limit ourselves to stating that, in the opinion of M. Wesmatel, and, indeed, of most botanists of the present time, there are two species - $l^{3}$. oriontalis and P. occidentalis; the former a native of Affghanistan, a native of North America. Of Platanus orientalis, M. Wesmael considers that there are in cultivation five varieties-acerifolia, cuneata, nepalensia, pyramidata, and variegata; and of $P$. occidentalis ono variety, which he calls hispanica.

Now let us see what are distinguishing points relied on to separate these varieties and species. Firat we have the form of the leaves, then the circumstance as to whether the hairs are onger or shortor than the little achenes or seed ressels they surround. The habit also serves to eparate some of the varieties one from another Tu theso points of distinction cited by M. Wes NAEL, other authors add the comparatively early or late separation of the style.

In P. occudentalis the hooked end of the style falls off early, leaving the ripe fruit smooth on the surface. In P. orientalis, on the other hand, the styles remain so long that the globes of ripe Boed vessels are studded with spines on can be placed on the form of the leaves. It is quite true that it is easy to pick out certain talis and that to orientalis, but then it is often as oasy to pick of one and the same tree leares which in form so closely resemble those of the two species referred to, as not to be distinguishable from them. For instance, the common park Plane is correctiy referred to Pa acerifolia, but from it is easy to select learos which aro not distinguishable from those of $\mathrm{P}^{\prime}$. occidentalis, while tho leaves of P. orientalls are alwost protean in their form. rolativo length of the hairs sur, but then unfortunately it is not avalable for most of the forms found in gardens. In occidentalis the hairs are nearly as long as the achenos or nuts, while Judged by this test, acerifolis belongs to orientalis. The comparatively erbarium spectmons from native American troes, but is much loss conspicuous in trees of that kind grown in this country, if indeed there are any rightly so callet now in the country. found now in these islands; but M. Wesmaet admats its presence in Belgium, and we are disposed to think that the large tree in the gardens of the Royal Horticultural Society at Ohiswick next to the Council room, is xightly labelled occi dentalis. It has the shallow, ovate or triangular lobes to the leayes, and it has the long fruit-hairs assigned to occidentalis. Whether we are correct resented by that particular tree in the longer toore slender nuts and the more slender antherspoints which correspond with the dried specimens of American origin, and which contrast with the shortor stouter form of the corresponding parts in P. orientalis, and the variety acorifolia. Again, tho scales covering the young buds are much less downy then those of orientalis or acerifolia. We have not seen fruit produced on any of the garden varieties enumerated by M. Wesmael, with the exception of acerifolia.

On the whole we think, so far as English pardens and nurseries are concorned, it is not difficult to recognise P. occidentalis (Chiswick), 1. orientalis and its varioties acerifolia, pyramidata and variegata. As to the other varieties,
we can but think it a pity to give them acientific names. They are probably all seedling forms of acerifolia; thus we have seen in various nurseries plants labellod acerifolia palmata, palmata superba, grandifolia, and others-differidg one degree of hairiness, colour, and othor minor points, and even in hardiness. We believe it to these varietios so as to render their recognition
basy to others, and shall not attempt the thankless task.

Equaily impossible is it to arrive at any certam conclusion as to the point whether or one only; though, when we consider the great variability of the plants, the fact that P. acerifolia is, in many points, intermediate between occidentalis and orientalis, and that the fossil Plane tree, described by Heer, from the miocene beds of Germany and Italy is considered to have had closer analogy with the existing American than with the Oriental form, we cannot but lean to the idea that there was at one time but one species, from which the forms now known have proceeded. Should a Plane tree occur in Japan like either of the present
races, we should consider the unity theory well nigh established. Recently we have heard of the diecovery in Greenland of fossil leaves referred
by geologists to this genus, which would seom

The subjoined letter, headed Lidy-bibds and their Ene
28th ult.
"If it be true that the ant contributes in a great measure
 destructive indemoncy of winter is it not a curr sas coin-
cidence that the coceanella, or Iady-bird, the most relentles enemp to the aphis, ghould on the other Lund recome a
victim to the antio vorncity? But yesterfay nfternown whist rambling in the neighbourhood of Warley Cornm th, my obser
ration was directed to a countless number of dewl Lady birds Which literally cuvered the kround for some yards, and mynids themenelves in carrying of the dead bodies of their prey to
large excavation nenr the summat of a steep bank. 15 obser-


## soze Itidy ols rou two the it as re re a

 assailants at once koung in pursuit of other tuctirns, while a - Jayes Phillifa- Serious complaints have reached us as to the SocIrty's Fruit SHow some three years since, when some of the exhibitors lost a quantity of their fruit. W'e should not have alluded to a matter which occurred so long since, were it not for the hape that bs so doing we may anduce the managers to take prethe ensuint show.
- The total number of visitors to the Royal Horticultural Garde an the anniversary of the lat Prince Consort's birthday, viz, August 20, wis 2 N.W. do., 9870 . Total, 60,870. It is to ba regrettel that some more stringe rack those who do not knot onforced, so as to keep batur the priviloge.
- The following is the result of the Royar. Hemis July 13 , 180

| Namos, | Fruit and Vegetable Culture. |  | Floricuiture |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Certifi. cates. | No. of Marks. | Certificates. | No. ${ }^{d}$ yarks |
| Geo. Hinking * | $3 \mathrm{3d}$ | 380 380 | ${ }_{\text {gd }}{ }^{\text {d }}$ | 408 |
| Alrat Jones " ${ }^{\text {Chas. Burley }}$ | 3 d | 420 | 2 d | C3 |
| Geo. Jownton * - | 26 | 860 | 1st | 109 |
| Jas Hudson, ${ }^{\text {d }}$ The Deep | 1 t | 1200 | 18t | 100 |
| wone Gardens, D.rcing | 18 t |  |  |  |
| Kow .. .. .. | 3d | 390 | 3 d | (2) |

## -The alleged performances of the CONeEsFatirs

 BOILRE have oreated, is might hava been axpeoled, bewilderad publio will be as much at a loss to ohoo between competing makers ins poor Itua, not Short, she was assured Wodlin. We think the Boyal Horticulture Sooioty mipht at its next provincis firly and fa. as possible, so that we might hape an sun then th ststement to fall back upon. But even thea locality, the management of stokers-are 10 dinereas standard. Meanwhile, here is ${ }^{2}$ chaionge Shei Messra. onks \& the makers; of MoNso's Cannon boiler the oripinal make) in any place that may be segh upon, side by side wath a 'Conservative' costs lualf what a Cannon bouler does, inoluding setp (each party bearing his own expense of the sun and if the Conservative boiler Fil hest Cappo quantity of piping in the same (not an eighth part mind), we will gave the and also send a oheque forth昭me amount to the Gardeners beneaved. Or, il are allowed to flx one of our mpronarnty of shall be equal, instead of one-half, is before nent the other conditions remaining the same some 1 mpor ta mprovements in the Saddle and Cannon bolers fuel cost of setting.- The aztreme FLUCTUATIORE of TRuPRBATI rom sub-hropical beat to sabb-arctic cold worseaced protiy generally throughout the coundry, Datas to euch an extont as to bluoken thair lesves. A fro so early is most tnusual.
- The murder of MDLEE. TinNe in Trip mentioned in our newspaper columas las succurin
- Chiswick students.
miris hes bean obtained by any
a more fearful fate even than did her mother, who latter with narrow, lanceolate, strongly-serrated leaves ant her life in the White Nile distriot from fever some also the beautiful but somewhat tender Quercus glabra, an years since. Botanists and horticulturists have $Q$. marginata, and the curious smail-leaved $Q$. coccianse to remember the fate of these heroic ladies, by mason of the publication of the magnificent work nontitled "Plantar Tinneanse," mentioned at p. 1169 of anr volume for IS67, and in which are desoribed and
fered several of the plants collected by MDME. fiNYe and her party.

We extract from the Daily Telegraph the Dollowing lotter respecting the formation of a Flower if Brigade for the metropolis, and the injuriou About a month ngo you invited dzecussion on tho Sower trade of the metropolits. As I believe no denler in
Soners seconded your efforte, I beg tho insertion of a feem comments in the aibsence of ablor corrospondents. It Is,
perhang possible to improse the manner in which the flower trade of this metrops lity is conducted without eatablishing a dower girl brigudo. There are two classes of retnil dealerg in Wiblicic, It will, perthaps, surprise your readers to learn that perrultted to enter the sacred precincts of the wholesale
wurket unlil $5 \AA M$, in order that the tonants of the Duke of Bropord should hivyo tho first pick This rulo provuiled at
the opening of the Fioral Hall, in 1961, and was the clief mans of closing it. At Christmas last, a shopkeeper at
 dealers in howers, A deputation was appointed to present it
othe Duze's etewned ; an interview with him was requested tho nppication was meknowlodged, a copy of the memorial br iuspection requested, and a promise mado to

New Plants.
Orthosiphon stamineus, Bentham in Wallich Plant. Asiat. Rar. 2, p. 13, et in D. C. Prod. xii. p. 32. Gaule harbacoo crecto stubramoso, folus petiolatis ovatis supremis sub-cordatis; racetnis lixis; corullis calyco triplo longioribua tubo subrecto, lavio superiore dilatato; genitabun gise exsertis
At one of the recent meetings of the Floral Committee, Messrs. Veitch \& Son exhibited a flowering example of this very protty labiate plant. Labiate plant? some one may increduously ask. It is far more ike a Cierodendron; and so it is on a superficial glance at the flower; but a more careful observation Will soon show of what lineage it really is
The plant is herbaceous, with numerous much branched purplish hairy stems. The leaves are ovate or nd id, tapering at the base into a ahor pow with puly ish midrib, glautous below, with whitish hairs along the veins, The Roswers are wery numerous, ranged in verticullasters, and those again in ravemes ranged at the ends of the branches. The calyx is leafy, roundish, below, two-lipped above the upper lip ouncola, in low the an inch long, pale lilac-blue in colour (sometimes

olject of accuirtog information as to the clinale of a place;
or, sccondly, witha the immeduto ohject of extendio krowleige of meteorulogy, rogarded is a phytical secience. imugined to be of immegiate prastical izencfit in determinin whether a certain plico might suit a certun class of persons advauca our chass of plants, but yot it might nut waterially
 mactical benefit. The im ount of vapoir present in the arr is
 body and the loavoa of plants; but I am not aware that it has yet been determined by the jolnt action of naturalista and exprosses proportlonally the effect of molsture upon animal expresses proportionally the effect of molsture upon animal
and vegetable $1 f f$. Is it simply relative humidity? or does not e given relative humidity at a high temperature have not g given relutive humidity at a high temperature have
different effect from that which it has when the teraperature in low? There is, in fact an absence of information as to the precise pbysicat formmit which is wished by physiolomists as expressing tho effect of moisture ypou organic life. On the
otber hand, physicista may be presurued to confine themaselves to mateorology revardod as a physioal grence, It in in this latter aspect that I proceed to discuss the question. Regarding meteorrology, thereforo, as a physical sclence, it is one of our
objeots to abeertain the distribution and laws of motion of the dry and wet components of our atmosphoro; and it cannot be sgorinev of these have With reapect to the mitier ol aly
 the the motity of the oblect enly bodles, for in the litter cuc former case it is clearly impossible to 2 secrt sin the intions of individual partieks of nir. (sur in fuiries into the diveribunon and motion of the elements of onir atm where minst, there
the datribution and motlon of any other subetanco or product, with the inc ivi-
dual
wo fomponents of which
it
impracticable to eal. Surposo, for instance, wo wish to ascertain the wacalth
of our country in grain or in Apirits, and the distribution sarth's surficee. We should frst of all, begin by taking th esponding to a given date ; wo should next keep a strict ac sount of att the imports and exports of the material, as well as of its home production and home constmption. Now,
we have taken stuck properly
and at first, and if our accoun production, and the consump tion of our materfal is accurate and properly kept, it will
obvioubly be annecosasary to
tike atook an socol. 1 (1rase But take atook a secol. 11 112ne But
It theme accounts are pot kep ${ }_{n \in t} \begin{aligned} & \text { with sufficient accuracy, or } \\ & \text { if }\end{aligned}$
 quentily, and thus a compari-
son or our varlous account.
may enable us to detect the
plice
 hitherto eecaiare four observa-
tion. Applying these principles
 present at any one statice $z$ at
anj raonment, and also the ofte motion. It would aprear
that the best wdy of muan or
 mass of vapour prosent in volume being fund fuas and
bluysical conceptions
white), with a straight tube proiecting for some distance the atmosphere, including its vinourons cone thotion of beyond the calyx, covered with long whitish hairs and divided above into a two-lipped ringent limb. The lower lip is concave, oblong acute, the upper one also hollow, and divided into three roundish lobes. Filaments, four, slender, nearly equal in length, attached just below the throat of the corolla, hairy at the base and projectiog for a long distance beyond the corolla The anthers are purple, sub-globose. The four ovaries are surrounded at the base by a thick whitish lleshy isc, which is raised at the anterior portion into a fla The style is as long or longer than the stamens, and equally thread-like, it is disided at its extrem, ty into two ovate flattened stigmatic lobes.
From the beauty of the fowers and the profusion with which they are produced, there is little doubt tha this plant will be a favourite with gardeners, In a
wild state the blossoms are usually white, but there are varieties with lilso and blue flowers. The plant is a the Malsy Archipelago, and extends thence to North Australia, thus sfording another illustration of the curious relationsbip betweon the flora of certain parts Australia How different tho flora in other parts of that vast region! It was introduced by Mr. J. G. V
from the peighbourhood of Cape I'ork. If. T. If.

## BRITISII ASSOCIATION.

From the Proceedinys in the Mathematical and Physical Section, we make the following eelection:
"Heteorologlas Redtulionk," 1y Dr. Dafour Stewatt, F.R.g.bsuperrefnce the niothod of reductlon herein proposed by a few romarks on the objects contemplateil 1 n such reduct
bions. These objects are twolold- firaty, with the imamediato
the atmospbere, including its vapourous constituent, the method of co-prdinates sugrested by Dr Robsen wond
eppear to be the natural way of erriving at this. Let us set pata station two im syinary apertures, one facing north and south, and the other eist and west, and guage the mass of dry
hir and the mass of mointure that pass these opontogs in one hour and we mans of mointure that pass these oponings in on this means get the nearest athainable nppronch to tho elements of sintwo of the atmospberic con by thas muans a completa account of tlils indion, for we hare This present no means of measaring its rertic al component This sertical e:muponent corresponid In faet to the sonret channel in the alhithath. n given above, which we must
 place t. Fince Tha muglt be di ne coild we keep an sceurate processes by which this element is recruited and coneumed This would, howaver, be in very dificult observation. Let ur obtnin from such complete metcorological observations as arte at present made We have:- 1 The zasas of vapour nctunlly
present at a station from hoirr to hour 2 . The maka tbat
 papour. 5 tta production or consumption as tit passea frum
extent overeme hy tha ( llowsing consiv? lent mas --First, tho molst air moving togother; secondly, dry nir is neither capable
of production or ens impti.n, butalmay remans cinntant in
 strposed we ut


 or that the $1 m$ ports into the area of the circle aro greater than incapable
toock of the material at the central atatton, and in the area
Reverally, ought to be on the incrense, zince we have lunaglued the importa to be prenter thisa the exports. H, howover, wo is dinalnishing inatead of tnerea some is camped ofl by fu upwand ourrent,

 mit-
mana of rapour in a cubic foot
dry














## 

The following paper was read in the Biologioal







## ON TEM CULTUEE OF OERYSANTHEMUMS

IT is well known in the horticultural world that in the dull monthis of November and Docember the conservatory, and I am confldent thas all who have Which witneseel the engeous panorams of colours Which a conservatory full of well-grown Chrysanthefowers are so searce, will agree with me when I when that there is no decorative plant more worthy of seneral cultivation.
Since the introduction of the now Japanase varieties,
the Chryanthemum nay bo divided ioto three Jrinopal clacen, vin., Lerpe-fowered, Pompons, and Japarese. From Chryanthemum simense, which was introduned into this conntry from Cbins is 1764, nur the Chuwa Daipy, sent home by that famous colleotor,
 Nalter, of Hammersmith, from the variety oalled roseum
puoctam, likewise infroduced by Mr. Portune, from Japan. In this papor I purpone to divide ny
remsrks into two parts-firat, ibt reletiog to ontoor
the conservatory and for exhibition. I wish it to be
distinotly understood that the observations which I an about to advance will be of a purely practical oharsoter, or confined to matters which have come under my personal experienoe. shall briefly gay that after five years' practioal experience in Hampshire and the same in Lancashire, I find by careful observation that the Chrysunthenum blooms nearly two woeks carhor later in Perthshire and Forfarshire than in Lanuesine. From this it will be geen that the Chrysanthemum From this amply repay any labour bestowed on its cultivation out-of-doors from Lancashire to Kampsuire, more easpecialy in the southern counties,
them from frost a good display may be maintained them from frost a good digplay may be mainatace muoh display cannot be expeoted from thas plant when culturated out-of-doors in latitudes north of Laticashire, while in many parts of sontland no reliance can some plaoes there, in late seasons, it requires nos sma No grower has attamed qreater celebrity as an out door cultivator of this plant than Mr. Broome, of the Temple Gardens, coudon, whe krows annuais housands of Chrysanthemums, Whioh are the danly admiration of thousands of ors. I will speak of propawarion, and of the treatment of the young plants, under the seoond division of my subjeot
Presuming that the plants have been kept clear of isects during the winter months, hay may be panted of April D.a the kround depply, and trix with and some lime rubbish. They will srow in almost any soil, but in this prepared eround hather bloows wall be insured. After the plants are farly startea into grometh,
great ritention munt be paid to watering, for if they great actention munt ane pill beoome bure of foliage at the bottom Top present this, it is good policy to muloh Well int ben the plants adran in in
prevent the wid breaking thern, aemred with fthehs TW.s Atrpplugs $n$, it be $\rightarrow$ flicient for them in the sonth, but nume is req; ate in the twice a doy. They generally chow therr flower buds in Septembar as whioh time liquid manure athould be suituble, if no bettert it at command it ahould be well diluted wath olear water, asy four or tive umes as wuoh They meg heve this liquid preperation at every alter nate watering, until the blooms berin to open, when it
must be disoontinued. Every avnilabie means should now be employed to preserve the beauty of the plante,
 it midu witere till coristales
I now cuatare to thioseoond divinion of the subjeots
 vulture in this culuts. I may way, thrt nild plant
 3ra not to be much depended aposis, for it frepuent, bappens that ohben a phat in th fubs blam, one or


 a-pribkliog of salver sand. Altor as gentlo waterntic thay should he pivent in A cold frame, flumb me tan pots in solect or any s.at. ar light materis), aney tion thom ologe to tha $k$ ass, and well ay ringing for two
infee wreka, whan thay will be found to hri ponterd



 Finter monthy, jef, if kept alose to the ghash in the
mand in situation, with a hang of bot mantare miunt
 mend attaris the daared size thm mornap tha at yiple may be dferont, diat, thas givank the gri war hornen imatn thomuluhty ripen tha wirnl, wh. It I mainti n orlture, and withont which no grower ran proxtim
 pisohed out, which will cause them to throw ont averal side shoots. All shoots after this time whould hove their points nippal out after they bsse mede four a until the plants have rearhend the dexired sise
them will sqain hare rpachard the aides of the pote, hells they should have enothor misif, rasing oyster this time I maka np the ming pleaty in of dray arn. At at every fat are mbilting. It is made up in the foniow
 part one half leaf-mould, and the nther hat jomuled oyster stiols, lime robbiah and aitser saud in pigad
proportions. The loam os puiled to pianea by tha hand, and any Wrownring whuch to plames by tha hand, and any wrownrms which ara found are da-
stroyed. When bonedust can be had it is oreforabie
to oyster sheils, using it in the proportion of about 1 to 80 The ss stem most penerally adopted is to grow the plants on one atem, and now is a good time to rub of audile for two snches nbove the soit. Nowarda sho always or February they wifter shifting, until the roota begin to work in the new soil. They will then begin to grow rapuly, when pegestar down mast be
 About the oncasile of Iarch they will bo ready for another shift, after whicin any weak shouts ought to be allowed to grow upright for a tinne, so as to throm more strength into them, at the same time tying down the strous ones to counteract their inclinstion the shoots of uniform strength, otherwise there will be diversity in the size of the blooms
The grower must now deci le in what shape he mtend o tran has plats. This should not bo delayes to long, for as the seasou ar wascess the surne inequently the breaking of a thot at this stage apons n sin men for
 of its extreme adaplability to almovt nus mode of Iraining, that I refran froin recommentug one more train sooording to his requarementi-, or is mas fancy may dictate. After trying the uprigbt, qquat pha mid, Itandard, and the latter a very simplo and effertive mode of traming liound the $z$ an of the pot a wire 18 the shoots duwn they' mas be lift a little hither in the centre, one shoot by thas methot enn be tied to very litile trombl, be fur nel, sut that athy future typg whil merely conaist in filliug in the arices between tho By the late week it April the p'unk will by good
manapement be ready to receive thiryr fimal shitt -the

 room, and should be syring. In Mould be gradeselly lasr lened off provious to boing removed out-of-doon, by taking or begianisg of June a sumay but theiterod piow of plungerl on thran-fourths of cheir depth, placine in amell rolude worms loaving aufliciut wi.C Cutwieu the








 t) willinild whir ! r ans thom to some estent, to ordel

 tujet to this rule, but meny who proless to ke make
 more fatal to the formation of good liloomit in the per formaneo of th, snparation carn atinnll hatakem, in tho palertion of tha haida to be retanned, to thopens ond
 of tham shnisld have face than li,mes laft on a shot


 the erown of carlioss bind of tha latn a
Abnut the mexond wreals in ()enormer the plants should be teken under Renas, thab is into homaes, or puts, when thay oan bo leppt from frost, kepmoz them of sity If thoy are wantend for exthibitios, thm asilipe varnet, proteoting them from covere wetther; mad aphin the ia houme. The plante cholald now be watered five timea Weot with liquad manare spplying is 50 warger bat the entre seargiem of the plants in the buds, whith Will now bo swollne rmplaly. Toward the ead of no groend aticks, su the bloom nall be tm heavy for the
SBPTTMBBE 4, 1869.]


#### Abstract

         molphur A bout the 20 hli of Noveruber the plant. ail be in full Llowim By jollusing the foregoing treatment the cultivalor Hit will carry lin good blooms, and which will     xplants shanth not lue atopied at ath, but the nile at mited numbin on earh plant, he fewer there are htue iarser the blooms wil, be Treat the paants in ay. Other reapect as recominaended for spermen ants. In urved varieties are best for this purpoee. als. Incurved varielies are be for specimen plants ano of the sorta, such as as Gow Gon Trilby, Proucess of ues, du, are subjeet to chmatic infuentes, and do wered varnetien, although more tender than the bers, ase very lenautiful and well worth krowing. - Whe hat trapup time by givig a list of what I  wostider the news. Jnpanese varieties a great aequmkor to the conservatory, for althoush they $\$$ comen up tom the standard of whit is allied thas' thower," they poseses the murnt disired a pint cand, for 4 is a greater desl leratum to selate h commans Curs santhemums than early ones, idouers are not so scarce bi tie autuma months as  bonag time of the Chessanthemme is November af D cember, something is winted that will llergin   runk und retarding, the blooming seasoll of the on Septeruber till Pobrcary; but as they are foroed or arded plant deanises the forcing-pit as much as it Hikes the relarduise-bouse. [trust, therefiure, hat nut anly a meraler stimulus heareforth lon kiven to the cultivation of the borysanthemum lhat has halluerto heen secorded it.    *melf have the (Cirysanthemum, with its many sutsfuland diversithed rolours, furniobing in brilliant say the most intinguinshed places on the stages of at conservatory fur at least four or five of the most mal monthe uf the year. R. Fleming, Sisndheys.


## HORTICL I, FC'RE, FOR TEAE PEOPLE.

 toted fothe thensiderutint rif sundry of the obstatles tura thent The followink ahatraet comprises the yup poinks. Alluding in the , $11-$-affecta provicuced by imonpet in in with pithlic-homses, the writpe nales -
 - Lide of nopper kellios, ated Beilatina metal teapota,




 \& sond of hart milture, and annuilly we kee more of





 trat Go through unme lowalitime in lins tnwath in
 $\rightarrow$ Gomishing condition. And when it is suid that a










 onsls counteract the $r$ proment intluence, but be calculated to draw votaries by the thomand to the court of Fora who lave never yet tasted of her pleasures, buevessfully. In accomplishug thin, varions pathe are

 there intere sloth-, but on a di ferent fuoting
Here sen wire set in motion, we shoali zot hato dramn 10 our ans and trusted to any breeze whill might bappen to
 falel to nourits ite exivterne The once healus plant has become almost leafless From mumerous town the finfit las completely flew, and in others it draaz on but a feeble existence. Whale we have set these movehort snulture, what have we done publlely to kive them a greater knowledige of its rudiments? Nothing The one has been fed full to satiety, whale the other has been neglected which would almost warrant me in saying that horticulture has no rudiments, that it requires it with grow and finurish. I misht ase well say, leave the babe in the cradle, and the child will arise a man It may truly be urped that literature plays the part of
tutor in this respect, that it is the well from whimp tutor in this respect that it is the wenl from whinh
knowledge may be drawn how to cultivato the fruits of the soll; and that it is a tutor within the reach of
all. We may have it bound in ralf, we have 1t continually hefore our ejes in the Iresa, and we see it
gilding the prese of every penny almanark But no


 thore is but one way of applying that inatruation Thousands higher up in the scale of knowledge require oral help to make them dikest their intellectual food;
how much more necessary 18 it, then, to give mads help to thowe who are placed ai the lowest part of the soale? It has heen alrady slinwn thint many of our great horthentural exlintithons hate falleal to he intcrestang Io the pemple; and it myy be furtlier stoted ithat thay are now nuly patromivet by the selo fow Year after year mur exuinums hive grown in sizo, and secmed to
binve comentrated all theor energies in pleasing the ese with immense specsmens, to the detriment of lesser oljecta. They were almost bound to pursue this course to see what the shali of the mountry coull do, but at the same time it is to ho deplored that they have Welghed anchor and sailed away from amongst the
people. And if it couli he asontanael that they have How exhrasted that skill, whech it would be most ridiculous to suppose, their order of working mikht be
changed; as it is, their exclusiveness might be altered to the benefit of the profession and the public.
Although horticultural exhthitions have in a measure mpserten the nure himble exhimior, get havo heen knowna to give every encouragement to all lasses, and atul they hawe crrumbled 10 to nothinglass. How often have we eeen on the moraing of an exhibition the brigbtent prospeots turned into the most gloomy resme hroughnupropitiouse weat.er Anतthe greater

 are irnoping nif, mo by (me from the sene of a ath in, present cahibitions as affording ready means for giving requiromenta of tho case demand a far wider fiold for
operutons than they can give. Their graatness and
senntiness in number are their greatest drawbeck, scantiness in number are their greatest drafbook,



takings-I must go and ree how ho mana

## an! A Ad If I forsind houra worh ing after a rers -mp

 a mener I shoul! aloo fins themw wring nime the lewe thee as passible to nlapse between the parmer generally held on Saturday evenine, and often extends over the Sunday. He glves from 2\%. to 81, which, addod to the sum eubUdmissien in very oflen free but not mome than $2 d$ or
3id ja chargal at ans tume firom $5 /$ to lil. are divided





 tholleat from 13 m . fare, at the rate it twit pre eent.



 ment with dealet. Anl nly not have stmmar exbiintions in our mhouls? If liy hot have a windowplant show, a Tulip show, a Rose show, a Groseborry have no desing to hurt any pereon's trade but I would have all wohools, of whatever denomination, ware mar


 nation have been frand willing to arish in jorgmoting penny readings. Womld thay net be found wilhng 0 embrare the cause of these title soms. culd nol be found who have as much knowlelige of hortheulture as the publican" "ntil I am fully frersuaded that the one olass iq unwilling. and the other not to be fouad, but not untul then, shal. I consider the oase to be ropeless. And it would be a happy day far the come mumity, and s bricht one for horticuiture, When vers school had its window-plant show, its Tulip how, its Rose show. Its Gooseberry show, and its Potato show th celebrate I say sgaill thint great to bring it to the teat of mractical experienne. Schnols to bring it to the test of practical experienne. Schools waiting at the door and England, mother Enkland, has never yet been slow in putting her hand in her procket for the purpose of blessing her chaldren. Although stronels advorating the formation of these little shows in our seboels, I do $n t$ deen them all that
is necessary fur the well-benne of lorlculture aver admiralhy they net as a himulate ther eiva littio


Io prearibuay far the knouldedgo-gaving dopartmoant tomething more muat be dooe for fit tem thut great good has bren sohieved
mad that great good stifl remuins for I am also amare that moluntaryism hins been, and evo will be, caprimous, and that as sules are never frob
 department for safets sakn, out nf reasil of stu pilayful ness. But, firet of all, let mo explati, what I mean by ness But, first of all, let me explat. What I mean by onl take up the task where hiterature leares of ant labour or ins further accompisimments And What but a staff of horticultural lecturers-men well gushifed for that labour, and men who must be paid or thal labener.
I would attach to all nur great municipalitzes one or more of those lecturers, whose title thasht be that of Horticaltural Directors and whose duty (bratdes being a conshiting authority for to: fown (hounel) would be to give, thronghont the seatil, leetures on horticuiture
to the people, free of charga : ad for which duty suok to the people, free of charg, ind for which duty suok
lecturers should reoeve any sum of mompe agreed upon becturers should, but not leas than, say, liat $l$ ner annum. uech individuals woild ronn be surromuded by a host of kindred spirits. Boused to tha worl by his efforts, they would oarty awar hin whtemnena to romnte cornem, and iry to emulate him in thetr schoois, And
 ge the part of the minit whath liss emplumally to
 sut monnments to the fame. No greater erpor could be commited than leunobing measures for the publio Wed whthout arving chem some fixty. Nawfincted-
 onber is sast notede, inatil benevolenee un rowly to ory ous thom, and mark how
Reed Hall, Fhalley

## UN THE APPLICATION OF WATEB

Tu. the hourcop Piants iruwive livile b glass.


 the heality and frop gnt propriftiomatn am 1ant of eost t thepryt Ciena-

conditions. But notwithstanding tāt perfection in plant growth depends so much upon the due per-
formance and regulation of these oflices, there is another set of organs whitich plant growing forces upon our attention, and which should have a prior consideration, viz, the roots of the plant, since they may be deserrbed as the foundation of it, because accorduy to Nature's laws they are the soonest developed, and
are the first substunt and building up a plant.
A plant will not sustain life long without its rnots, but many instances are known in which roots have hived and they have the power of throwing nut fresh ones However, the more a person dives into the vast subject of vegetable hife the more complicated and marvellous does it appear, especially the whole machinery of root dirention in search of food, while confined to the limits no a pot or other vessel they eavelop the earth
in their mikity network, so tightly, as though they were jealous of the treaskres stored up in the soil. they were jealous of the reasures stored up in the soin.
Heat and water are ac essental to root fornation
and growth as they are to mood nod leaf development: and grows as they oresent in the atmosphere as well
they mus both be prest in the soil, but is on the artifioial application of water to the roots of plants that I purpose offering a few remarks. I have confined my notes to plant growing under glass for the obvious reason that everything growing under these conditions is influenced more or less by the proper application of water. ft has long and obtain foml by the agency of their roots, and that the food so obtained is taken up by them 1 n a lippu slate and conveyed to the plant for its digestion. No plainer proof of then a plant becomes sufficiently dry at the roots to cause it to flag t soon recovers itself when water is applied to them. Withont enterine on a discussion of support, the above facts will convince the most sceptionl support, the above facts will convince the most sceptioal a has also the power of rendering the chemical parts of a soll soluble, and fit to bo taken up by the roots as who have charge of plants to use every means in their power towards gaining a thorough knowledge of their to give a plant too much water as not to plre enougheither extreme being idpurious and most disappointing Whom these remarks are principaliy intended, that such knowledqe is not
siderable experience, and close observation. It will, however, not be very difficult to put my remarks to a practical test, for I am rot prepared to lay before you
the results of a aeries of puzzling soientifio experiments
with water, but simply to lay down \& few rules, and to impart ome information on wateriag.
glass in the most henffieini say, it is absolntely ne soll bears to that of the atmosphicre of the house. I have trted it many tirnes, and have found that from a $10-5 i z e(9$ inch) pnt domurards, the tempersture of
the soil is about the same as that of the air, and subjeot to the same variations, but above that siz, and including the largest tubs and other vessels used for plants, the average temperature by day is a degree or
fwo lower, but subject to less variation. In large beds and borders from 2 to 6 feet in depth, and with the surface exposed to the atmosphere of the house, the with but a trifling variation. Jrom these facts it appears that the laryer the bulk of soil the more
uniform is the temperature and this coes far to prove why plants thrive so well when planted-out in borders. Water on the temperature of the wil, I may remark Water on the temperature of the oil, I may remark all sorts of sils in which house plants are usually
grown, and I find that water has the effect of lowering as well as of increasing the temperature of the soil. a pot of soil standing at $\overline{5} 5^{\circ}$ reducest the heat to $60^{\circ}$ applit to
by reversing the experiment to soil at $60^{\circ}$, the temperatura rises to $65^{\circ}$, or about one-
third of the diflerent third of the diflerence between the two original
temperatures, According to another experiment, on
applying water of the same temperature as that of the on
the
t if if of . must ga with the times in one of the two courses
indicated. I repeat that I am in no way interested in
either of the concerns, and merely have the same super
ficial shows whach any one else segstem of floricoltura have; but I think the vague rading your paper may aganst the Council of the Royal Ilorticultural Society Warranted in the opinion of impartial persons. The Gounci, we are informed, labours under debt, a conmeasure of common prudevee they propose and as a tion, to save money. This $1 s$ decried as an injury to the nurserymen, and a failure of the Socjety's duty. They specialty subscribed to form an Italian garden-anome ment without which the money would never have been oontributed; they are blamed for neglecting Chiswick because the public forsook it; and atl this is sttributed the management. I have no means of judging whether Counct, I only say the influence in this particular Council, I only say that the rrounds for blaming it
 pot Vines which I exhibited at the International Horticultural Exhibition in 1866 were
The above facts with regard to tho application of water to plants will be suffipient to tesch the gardener the importance of comparing the temperature of the
water with that of the house he enters, before applying it to plants, and then, if proper judgment be excreised, the results cannot fail to be satisfactory
Before concluding, I feel anxious to call attention to in many places, the principal being periodical watering in many places, the principal being periodical watering, is bad in principle, because it induces the operator to anticipate the dryness of many of his plants, Whale
others will have become so dry as to baffe all efforts to others the ball of soil by neeans of the wattering-pot.
a natural consequence, many plants are over-watered, while the dryness of others renders it necessary to
immerse the whole ball in water, which I should say
is as great an evil as the forner, because the roots are ls as great an evil as the fornuer, because the roots are deathed growths, and in some cases dome for watering, I am of opinion that the best time is before the house is opened in the morming, or at slutting-up time closed to external air, evaporation is not going on so strongly, consequently the action of the roots is steady made upon them by the tranches. Excessive dryuess or excessive misisture at the root ars the col. E. Loyd Lillesden, Hawkhurst.

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The Royal Horticultural Society.-I have read an article, quoted from the Nolts Guardian, respecting lie Royal Horticultural Sochety, the writer of which seems to have overlooked a fact seriously affecting the quessome previous notices have appeared, written in somewhat the same tone of condemnation of the course which has been pursued by the Royal Horticultural me state at tho outset that I am in no way connected with gardening or with the societies, and that I merely ask you to allow me, as "A Looker-on," to notice one or two facts. In tho first piace, inasmuch as receipts from exhibitions are attributed to bad management, and it 1 s insinuated that it is the fault of the aristooratical element predominating in the Counci at South Kensington, I inquire whether the same cause obtains at the Regent's Park and Crystal Palace ? Is it not rather the natural result of three competitors
coming into the field ? To me it would have appeared
a wonderful proof of a
every other kind of trade has been depreswed, so wholly
a luaury as flowro had not fe.t it If, therefore,
bame is to be lad blame is to be latd on any management, it mus prizes larger than could be afforded during such bad business man that the usual law of supply and demand will infuence the commercial circumstances sum devoted to prizes must vary, unless they choose to sink money, Supposing, then, that the springing up of competitors; and secondly, that people will not pay three times over to see the same plants there are two remedies Which may be applied. Tho tinually, not amusing arcessories, but novel arraogements of a legitimate character. I well remember wick; and, although with a limited class of subjects novelties cannot be presented so frequently as at Sydenham, for instance, I think the grardeners will not deserve so large a number of prizes, if they cannot
devise some such attractions to give interest to their shows They must either do this, or the managers of the three exhbitions must resort to the alternative. What for funds on the interest they create in the public mind Triennial exhbitionsin turns must be concocted by the ontinue Co exhaust theirs, or, like other trades, they will Gis course will no doubt be objeoted to by the gelect or too warm are bit it is appled either too cold repeated applications of water, in duration, ye these conditions, cause a permanent derangement of the functions of the plants, whinch no after treatmen batch of two dozen even-sized Cinerarias, and placed them under ono structure. One-half were watered with cold water at a chance tomperature, while the as that of the houre Water of the same temperature eatily have picked out the former, their follage being as that of the others, their roots were more wiry and less numerous, and the plants were many days later in romiug into bloom. I have been in the habit of growing of the fruit, and when the above experiments were trief with them the results were similar, with, in Fines which had had cold water applied to them. The
conoeived in, it is quite certain that, so far, it has not
been very successfully promoted; so much so, that were

## Tritoma Kniphofia) Uvarial I heer to formerd th

dimensions of two plants wheh were plantel $k$
$2_{2}$ to 3 feet through, with sil spikes. The abye ar
now in full bloom, find can be scen by abyone. now in full blom, And can be scen by abyone. A,
Ingram, Gr. to Mrs. Muttaker, Muriners, Westerham,
Lilium auratam. Mr. Goode, of Mlelchet Court, Lilium suratam, - Mr Groode, of Melchet Court nificent Lilium auratum so long a journey by rall as is from Romsey to London, butt the credit of its grom
from the first purchase of the bulb, through all its cessive stages down to within a few monthy since,
entirely due to Lady Ashburton's latetalented gardener Mr. Cross, to whose industry, perseverauce, and pres professional capacity, is owing the fact that Melechet Court now possesses one of the South of England. I hase no doubt but that if Mr. Cross would inform jour has adoptert to produce what mast be admitted to to the finest Lilium nuratum in the kingdom, he mont many gardening friends to lecar that he has recend ongazed hemself as gardener to the Rev. T Pbilpotion as an enthusiastic horticulturist; and also for may yearg as the steward of the horticultural departmena
A Trellised Wails.-l'eaches, Nectarines, and Aprev do lot succeed on trellised walls, as they do not lite
drauglits behind them. The nearer the fruit 15 to the draughts behind them. The nearer the fruit is then
Hall the better. Wred walts succed admiably when Whe wire is strained, so as to sit close to the mat
Mr. Wiliams, of Woolfand House, near here, hs wired wall, and grows mant succerssfill crops Last pess neourly tallied Millet's Hirnonme, wheh is the same largest Peaches I ever sats I pointed out to II Williams that no other Peaches except the hat
ddmirable and Têton de Venus pave that hideou turgid nipple at the apex. To strain the wires ugltill lo
the walls, blocks of wood should be let into the mall at the walls, blocks of wook should ee let
both ends the wires should be placed 0 neches ap
horizontally. Had I seen it before I built mo mhe horizontally. Elad I seen it before I buit tang had mine done in the same way. Wh. F. Radclyffe. Fe are passing has beea one of the most fluctusting In my experience. Alternations of heat rule throughoul the west of Scotland. The drought of last summe Was very trying, accompanied as it was wim been more
heat, but the drought of this season has
 and springs of water, however, have been drıed up to degree in some places, necessitatiog the interferemes
$\qquad$
order to economiss the liom.ted supply for the taday
tants. Garden crops are parched up, and beulug plants generally, with the exception of Pelargonlums are in no better phight. Ihain has been a auxlous noursion of frost, blackening up Pelargoniums, Mrs. Pollock and Golden Chain to stella and on the banks of the freshwater Clyde, the derastation bedding plants is complete. Perillas, Dahlas, Zinois nature, have succumbed to a minimum tempenatu all low-lying districts in the wave and north-wet scotland, that nothing of a tender nature lhas ezains totally destroyed. Fields and fields of Potatos to a degree I should say unprecedented. Lste may be subject to supertuberation from a totally cerop is pretty far advanced, although the checkwill

-and this morning we have the minimum of 31 , with apparently a change looming. Last year flower gardens
were in tolerably good condition up to the $10 t h$ of October the thermomater indiostiup thon a maximuma of $26^{\circ}$. We therefore had seven weeks' longer duration
ot the bedding system, which was some remuneration for libour involved, and, moreover, we had no cold to Interfere with planting out after the 19 th of May.
Sbould weather fluctuations of this kind preval in subsequent seasons, thotes so visited will "bottle up" their bedding-out notions and recur to the mixed wstaranos even in the mattor of inforescence than
moat of the favourites selected for parterre decoration moes of the favourites gelected for parterre decorstion,
and to them eventually our aitention zust be directed imo wish to prolong the gay season. Jas. Anderron.day of this $100^{\circ}$ in the sun; barometer fell rapidly, about 3-10ths dan inoh. Sunday we had a stiff gale from norti-east, bright and cool, with an east wind. This morning (Thesday) my , gardener's salutation Was, "Things
nadly mauled, sir." On inquiring frurther I found the minimum thermometer (Negretti's) had registered 27
$5_{0}^{\circ}$ below freezing). I send you a leaf of Vegetable Marrow, which tellis its own tale. French Beans, New zeatand Spinach, Dahlias, and other delicate plants
much blackened; Heliotrope in sheltered situations escaped, Has sucha frost ever been recorded in the midland counties in the montlı of August? $W, B, A \mu g ~ 31$ which was cutting, was south-east. In the kitchen pardon it has destroyed our Vogetable Marrows,
Gourds, Kidney Beans, and Potatos; and in tioflower garden, Perilta nankinensis, Coleus Verschaffeltiii, figured. The Cloth of Gold snd Znal Pelargoniums (exceept Maid of Kent and Excellent), the Golden Feather Pyrethrum, and other bedding plants appear
to have withstood the frost without being much injured. Quintin Read, Pleasley Tale Gardens, hfansfield. - The following was the temperatire in highest tenperature noted in my experienco. The day is given by a neiglibour at $136^{\circ}$, but so many items the sun, that errors are easily made. It is not so with inatruments in the shade, and it may be many years last week of August as $90^{\circ}$ at $60^{\circ}$ clock in the evening Our climate is truly a variable one. for the same night the wind veered round to the north, and blew a gale, Alex. Forsyth, 9 , Islington Square, Salford. visited by frosts, whioh in exposed situations desiroyed the under-named things in the prounds
bere:-Dahlias, Amaranthus melancholicus, Perilla, bere:-Datias A maranthus melancholicus, Perilla,
Tropeolunns, Helotropes, Ageratums, Salvias, PelarWarwick, Pink Stella (not first-rate at any time), Chrstine, Bujou, Crystal Patace Gem,in the same situaWalls were not so much cap. Rht. Vegetable Marrows and Potatos were quite blackened We are never safe now it is a question whether we shall be safe to bed-out now it is a question whether we shall be safe to bed-out
before September 1. Is the frost of August 30 and $3 t$ to be considered an early or a late frost (early after
midsummer)? We have now had our swarms of greenfy, our Lady-burds, and our frost: what have our learned entomologists and metcorologists to say about
these visitations P -nud will they tell what we are to expect next, so that we may prepare for it; or are
we still to accept, as we have to do in most similar cases, that if so and so was not the cause of
for somethnt else? The result we generally find out or ourselves. Gardeners are often twitted on their

diversity of opinion, and this both in respent to their arguments and practice. Will any one say how much on this point kardeners differ compared July we had the Congress of gardeners at learned ? In and in August there was the Congress of the British Aspociation at Exetor. If read some of thi ray bow much more unity of opinion on subjer any one Fas amongst our more learned men at Exeter, than in | the case of the subjects read at the Congress of gardeners |
| :--- |
| at Manchester? | Herts, frost ( $28^{3}$ Fahr.) Was observed at Ashridge,

on the morning of the lst inst. EDS 1 Effects of Hot Weather. -There must have been something very unusual in the temperature of
Aurust $2 ;$
and 23 . The extreme heat might be sufficlent to account for the firing of several haystncks, and
 appended, the object of which was to caution the
public against a possible deception Not having scen
the wonder, I could not give a critical opinion upon it;
but my note concluded with a the wonder, I could not give a critical opinion upon it
but my note concluded with a hint that it was probably
not worth beeing. Your mode of dealing with the
sulject makes me appear the swallower of a cock-andbull story. Editor of "Gardeners" Magazene." "We
quoted st seonduand from our contemporary. We give quoted at semonduand from our contomporary. We give is too acute to be taken in by such a sham. ED
Roses.-Climbing Devoniensis has flowered very Gnely this season, and the bloom fully equals, if it does
not surpass, in beauty its parent. It has bloomed here in immense corymbs, and for extraordinary vigour of growth surpasses even that old favourite, Gloire de
Dijon. It will shortly supersede every other climbing light Rose. Yamarque and Solfaterre will be cast
entirely in the olhade by it. The cottagers in this neighbourhood have the fronts of their houses covered with Gloire de Dijon and General Jacqueminot, thanks ringin and other foral and horticultural sochetiea for toon of thout this very desirable taste her Niel blooms finely against a south or west wall, but sooms very shy at opening its flowers freely when grown as a standar in this localty. A Godvein, Ashbourne
Lady-birds.-Southampton and its neighbourhood has had its visitation of these pretty little insects There was quite a shower of them on the 23 th ult, On examining smme small Apple trees I found many I also found the Lady-birds in considerable numbers, and seemingly busy devouring the pests. Wishing, however, to ascertain, if possible, more closely, whether the ants are said to suck them, I gathered a few leaves upon which there might have been 100 insecta, and these, together with a Lady-bird, I placed upoca a plate nad covered all with a glass; after 48 hours, upon examining it, I could not detect that any of the aphides rere touched, as all seemed to be alive. Had I accepted however, bave committed a mistake, as upon examining the Apple trees I found the whole of the green-fly had been devoured. Nat a live one was to be seen. Singu-
arly, also, those of the trees that had heen free from larly, also, those of the trees that had heen free from Ind these insects aren not parthoular as regards diet-
 ing green-ly, I beg to say that I have often sean them in One of my boys brought me one a short time ago, and said, "Look, father, here is a Lady-bird with a greenthe case. I have often fed them and the larya by givivg them flies from the point of a knife or stick, and days in winter to search for them to put in my forcing house among Dablias, and I have no doubt but that they keep them clean. Early this season my Roses
swarmed with fy, so that I had to wash the blooras with a brush, and water before using them, but few lady-birds made their appearance; then noticed some patches of eggs under the leaves, and cleared my IRoses from thelr enemses. About 15 years goo I noticed under the leares of a Dahlia that was looking eggs, which I beliseve ware those of Ladylooking eggs, Whtch 1 believe ware those of Lady-
birds; these hatched, and in three dass the larve bleas; these thatched, phere in also a small red spider. whose hody is about the size of a hemp-seed, which I have no doubt whatever feeds on green-fly; Iave seen them suddenly stop and seize the fly. These are also collected by my children on sunny days in Wiater for the purposes above menfollowing remarks by "F. IR S" printed in the
Times, are worth adding to the noformation you have alrendy given respecting the swarm of Ludy-birds with
which we lave been r.sited, and whrit it has been assumed have been developed in the places where they have been observed This, "F. R S." asys, was certainly
not the case, and here is his proof:-"During the lith 15th, and 16th of August countless multitudes of the Sittle red beetles appeared upon the coasts of Kent and Sussex. They were most numerous olose to the shore They extended far inland, and on Sunday, the 15th myriads were seen in london and its nelghbourhood
Dut the largest assemblages by far were on the cast coast, especially at the points nearest to the Continent wind. On the Sunday in question a soientific friend of mine well qualified to observe and record facts o nstural history, was fortunate to witness the actual
arrival of one of these swarms. When walking on arrival of one of mover swarms. enormous multitude of these insocts, like a cloud,
coming over the sea, as if from Calais. They were fying from east to west. Large numbers as with a red carpot, but the grest mass flew on

Westward, and, as they passed overhead, looke of to
those who gazed upwards like the interminable flikes of a thick snow-storm as seen from below. A similar be preposterous to imagine that these swarms of $\mathrm{L}_{2}$ dybirds had flown to sea th the teath of an east wind,
simply to be blown back agann. When wo remember
the smailness and feebleness of the smallness an feebleness of some of our migratory
birds, that cross the seas to this country during the birds, that cross the seas to this country during the
stormy weather of early spring, the advent of the
strarms of Lidy-birds is robbed of much of its wouder. swarms of Lidy-hirds is robbed of much of its wonder.
But the interesting question remzins - Whence came
they? Where did they collect in such proungons numbers? Wuat was the home thit fed the larva
from whioh the beetless sprang? Or if, as seme pro-
bable, bable, that they had many homes, what impulsu brought
Lettrices - I ind Huck Hardy White Cos a most distinct and valuable Cos Lettuce. If it proves aq good a winter Lettuce as it has turned out here this seassn,
its good properties will be considerably enhanced. I am now cutting huge fellows from plants spring sown, and notwithstanding the excessive drought there is no tendenay in this variety to "bolt." Where Cabbuge Lettuces are at all in demand, the new French Spottod purposes. It grows to a large size when well cultivated, seed. I consider it a most useful kind, especially for

Unheated Orchard-Houses -I fully evdorse Mr. Thomson's remarks regarding a defi went crop in these and it is as fruitless as his. Mine is not the only one, for I have seen several in the same category. Our Peaches and Apricots out-of-doors, they failed to set their fruit in spring, through the extraordinary early trarm the warm and genial weather was required. John
Wellingtonia gigantea, - Some years ago a very sessed specimens of the first batch of this tree and the leagth, oiroumference of bole, and diameter of branches vere duly recorded. Of late years, however, this pracsome of the best specimens dying off? or has the interest in the tree sbated ? am unwiling to believe either of these cases, although, from some specimens I have seen, the "golng off" of the tree in more than
one place ereates uneasiness as to its attaining even the size of ordinary native trees; at all events, inquiry is wanted, and I hope those who have lost fine specimens oanses whels they cannot account, for will pubHish their losies, which are as import int portions of
 vinter of $18 j-6$, and how it got thr sugh the dry
summer of hast gear, and whether the present dry
summer has told fin any way uposit. Alt these matiors summer has told inamy way upon it Att these natiors Withhold the god eharacter the tree once had as to threatens to "go off" from some constitutional debility uot easily remedied, then let it take its place amongst crees whose usetulness ranks in the sesond class; if, on to local or special causes, not likely to affo :t its ultimate uvefulness, then let its merits bo fully known by those having the best spectmens reporting to the world their size, and tho number of years they have taken to attain their dimensions, with other information on the
Hardy Herbaceans Plants. - Allow me to remind amateurs that early in the auturna is lue best of al and that the finest displsy of flowers next year will come from thoso plants which have been moved immedately after the first heavy showers that fall during Althea frutex - Will some of your correspondents of the most shows and any other hint se to their culture for the plaint certainy deserves nore attention than it often reosives? Its fine Geranium-like blooms present themselves at a time when but few shrub provers are to be had, and the habit of the plant is far from being objectionable. I should much like to see
it more patronisel, and cannot but think its present it more partronsel, and cannot but think its present known: but as it to now just coming intu, blom, I hope them C. There is a tine series at Battersea Park.
Cedar of Lebenoz-In the grounds of Upper Gatton, riear Redhit!, there, are some very fne speot-
mens of this Cedar. One tree in partioular is worthy of 1 foot 6 inches from the ground is $\$ 3$ feet 6 inches it oot 6 inches there sre three large limbs stretching out almost horizontalty, whose orchmerence 7 fively 7 feet 6 inches, 6 feet 9 inches, sud 6 inches at 5 feet from the ground the measurement is the same
as at 18 inches. At 6 feet it div des into four principal limbs, each a tree in itself, their oircumference beiag
18 Peet 4 indhes, 11 feet 7 naches, 8 feet 9 incles, and 3 feet 9 inohes. The diameter of the spread of branches 1800 feet, helght, 00 feet Thed inis tree very much, whinla has marre ? its ymmetry, several fine limbe ort the morthenat side Gnat's Bane - limag nuch troublel with gnata, and not having any Rosemarf, which, they say, witl drive lere Boy's-love) on my chluren's pidlow, sad have not
found them bitten since; but as we had a frost in the Marrow in a pit which was expmeq? I (annot be qutte sure it was oningto hlis plant that they curaped bat so much qu saser. ynot hite- Num rat

 ment fior monslaration Il Ising twited a fine jue o of stidf sure round arn ineh of rande-end, or taper

 part of at wall juat drop easily histo the neck of the


 flueno whin tho card-haril the in kecp.in the T in the bottle, so that one of its arms, shall be of brown paper that has been lighted and blown out you whil at onre see the smose drawn down onc-ialf clear. This millwates that $n$ cerculation of air has b.en ang one sade of the card, fremh aur is learen fing on the

hend hat, pr or to the formation of leaves on the zoun Oak tree, tho freshatr recrurament- of the plant are



 depth, whintherulid nhay the part of t, ie T-hhalse card. in other words, the chir was stagnant, but als,
formed not naly where the ald
in the onen glasz, whero there was more or less circulation of air. Eiss, ${ }^{1}$ I havo no doubt but that the
ITor Pipe Blocked -
spongy nateria!" whith has blocked up "A Very Old spongy meratrial" whin has blocked up A Very Old
Subsoribers
me so much trouble here , in the same pest which gave
mipad pipes for peveral


 vegetable) minit not tike the c"nst-Iron, but, I confisa, your correspondent's ctatoment makes me feel reery then the Prolyje dirse made its appearance I have often seareleid in the noud, hut never combld find the "cullender" were often quite choked. D. Buchatant, byrian Park
this fine new antion Grape Laving bought a plant of measure disy pointed with its condition, as it bore evidence of vome pecthar temperament or trentment The plant wa, brown, the rint Wan bumsemeth, of tat terel, thldeveloped, mezare-lonking leaves, and although it seemed a doubticl representative of so greut a name, It in gentle thotom-heat, keccring it on the dry wide, and
cut it down to two eyes the following winter. I
started it into growsth by means of botnon-lieat at the




 until Pebruary, it was put into a pit, an I Wax p tulterl 10 leates unti! it s"mmaned to grow I then jotted for fruting in pois. It is now lo feet long, and Lis s dent's case is not the first that that your correspon Vines planted in a dormant state have refuvel to grow
 very well indeed at Ashridze, h lhere Mr. Sage hain communications to the effect thave also some other Well. Ens, Eis Eitehen Garder 1-Mr. Meikle's arkulment, based as it is on his own assumption, must ho evi complained of exists in the present aybtem or
"jodycious" management. This consists, by his own Then he sould hase berntables oruphase some
 ay, was eser prat.a.e l. Is this to ensare the prace to
 would be gims on on both sules in the act of reant:able planting, and they in turn erying out
morn then eser namast shade and deright. \$17. W. mas dupense with lits root-pruning of he keeps aw y
the spade, and allowi his roots to come nearer to the surface ; I houlil be sorry to try the experment of a i! feet border on the trees I have the eare of. Thes "rse more than domble that run, and have not been
"rom for many years, and this with the

 the abturterge of a b.ak fur "the eirly batho" "I 'lue
 would prove thes. The other ewsis alluded to by jour correspondent I know prevail, and ought to be
remedied; but that is a matier distinct from that under discussion. Lgitafo
Hothouse Boilers -1 am surprised that some one at reator lenkth liss not rephed to Mr. Ailnes remarks ratulated on has reat de overy. i soring of tilli or mill jer cent of ful' Tak about reform, nt our ena miry will he virtually reformed olf the fane of the enth Winter will soon be upe $n$ us. Ing contrive th lizse tha boller testrat hefore it comec, Mr Matac's boiler ourgh
 first wituter. And thon, only tmabine how lopular aurl an, the numey it wruld put mito the perhet is
 extrandlatry sabinz of fucl Mr Mhne says a min'

 with money, and all of 115 , fro. 4 the leant to the greatest, will hast $n$ to do him honour. Jo urat on Garderer rith a IIeary Conl Bell.
Hydrangeas.- We have here th
mens, 28 full of bloom es they possibly can be. On measuring one of them, I found it 36 feet in circums-
ference, 11 feet in dlameter, and 6 feet 7 inolios in height, with about 12,0 blooms upnn it: the other twn


## o,t the wolk Thes are grow hig apatust the wal, at the

 weat ude of the house, tha very hot phate; ind in keep then constantly watered. The fower, when futly expanded, is of a light bluo colsur. ThomasIthed lon, (is, 10 H Whinslay, Es, Bysfork.It is not at all hunsinal in the liland of Guernsey to have frefuently seen therm with buo and hilar flowers. In the qame garden I have ofton observed plants bearpink or lilac blossoms. Sometimes there will be a cuthe of blue, then a ponk $\Pi$; drangea, and sonn. $C$ af $F$.ome of the trusae- bank and some blue. It frows
 bloom, and only one trus? amony thene is not panh. plant of Hydrangea juponict prowing near these has prop ated from a cilttug of this pink same spere howery of an intener blue. Thi, latter plint
we near the sfot whern a largo Wey mouth line



 been in existence, will hear favourable whon they have otbers in the mother country, and the one I ann abuth to drecribe ranks bifl amonget them.
other priblice gardens in matal position than any of the other fublic gardens in Australa, the bkill of the gardener had to make up in Alelade what Nature lad
denied, and under the direction of Dr. If Sithomburgk much has bean dono to render of Dre IR Sibomburak the liest in dubralia render theso inardens amomgsi ground, containusy 105 acres, 5 of whech arr now und cuithation, intersected by an irrerularly runnink by a rapid torrent of water, and stuatell oa the porthThe soi of the town, hes been set ajart for the garden The soll, a tolerably fertite friable loam, resting at a
depth of about $12-1$ s inebes on limeston
most part sullicentls kood, not only for the cullivation plante, bulbs, \& $:$ care lavin? been taken whilat trenching to bre-erve ne ur the ~urfas the mure fertile
 caution hat been megleut ni.
sheet of Water contsimes ahmit tws anpes derarated by one or two tastefully platat indatas, and some stualler pron a provded with fintatis- - atane, or sperimea plasts in the centre, are 41 lidend in the

 the zround tawards the norta side, the slopex of whtel are planted witli young specimess of comilers, whist its top, from whence soune charmaig blows of the dirden Can be obtined, ts crowney by a beautiful statue of
 (on (í < tuphrim), are


 neur whuk even some of the oul 1 whmete linrypean trees thrive admirably, interseat the garden, which divided into two almost equal halves by a broad straigth walk leading from south to north. The walk sare all well formed and gravelles, moxtly edsed with orsamental tiles, und provided with shathow brick drams on the si les, so that even after sevpre rums in lierlectly dry path is obtrined. 'The colliection of planta distributed over the ground is largo and varied, of most kinds good specimens may bo foulnd, sullicient sproe bemg dilowed for the proper dovelopunent of cach.
Without attempting to enumberate a.l worthy of notree, I may mention the lomismis as sperally



 of them of real artisilic sa'ive, are fas rit in statabie licalaties, whlat an obelink, riven to the memory of find, stands in a prominelsk phation near the man

 athyum, Cyperti 以 ayyris, $d$, whom the lakes and

 the severe droughtis of summer, the native Couch, Cynodon Dactylous, having prosel its yet besk for as Opuntias, \&e., plantod out in soparate groups, the as Opuntias, ce., plantod out. 11 sarieties being kept in pots in Wardian oanas ars

 r in spectal bols, whoch ate hupt gay by a auciession
 marsery Bu thema ut
fowers 18 maintained.
lhefore procesesinty to tho inaprection of the houses we

 The bedt are neatly e lyed witu tues, and corared with Hadidewividy planta, Verbonas, Lobetas, Dharming collectors if I'ortulawes, amongat whuch there aro many with double dowers of all c'mours. The cantro of the rovery 14 occupied by at statute of the amason,
 tho garuon las buen sot apart, for c ypermental purposed Colleotiots of (ir"lsoes, and of muduai or othernise useful plants, may be fuund here. An important duation to these has recentsy lren made by pantenm)
 useful fod ler plante. - inother plot olose by, hat not formathen for resular gar lemang
 buildiog, by bl leet, wath an oval tank 86 by 80 foeth and a depth of (3 feot A hroad waik surroan atoges tank, the Bides of the Louse being ocuupied with of shant 130 species of Orchids, mumerous A rolds, 1 ing may
are here brought tokether. The following



 Ferns, (hsedium lidutio, man! Yhalanopside, Catiog year, whist other, un instralis at leash, rate kind promise to to so shortly. some good-Eized Tree Parmbir trunks Tillandsas, Orvinds, F'erns, don, make fairy-like appearanice of the house, the fow wirpsased, in Alisiralic. I'to gigantio leaves inameter), whon still continueg to flowem i.li the spacions tank, smarvoly allowiog

Jarterres of fowers ather witer plantm. fountains, fornal whurh a great rartety of diferent jets is proride Whuch a great varmety of different jets 18 promele
surround the house. A series of older salleotron glasshousea, containing ferneries and a colleot


## Societier

Royal Park Flower and Fhuit Seow, Lemos. - Thia exhilition took placa on Nriday and Baturday last, and in con-


## Tうe apiax

Beg-kbepina in South Wales.-I send you an account of my doinge thia weasou with Ayrshire and
other hives, and shall he boligel hy your oprinn of thit other hives,
part of the


Was an -ismbire, or Stewarton, and the three others ordinary depriving bives, two of whioh were of 14 oubio ably less.
Mar, and a great part of Junc, wers unfavourabio for bees: supers could begiven to tue three last-mentroned
hives only from the $22 d$ to the 2 th of $\$ a y$, and, hives only from the $22 d$ to the 2 th of May, and, little progress wa malc; whule two swarma united in
a fifth hive, a Stewarton, on the lat and end June, Whuch is early for thas locality, did but lattle during the ame period. On the 15 th of May a nadir, with comb, the orthodox Scotch practice. By the end of July the
 gave 10 lb ., along with 29 lb . of comb, perfactly filled,
from its top body box, whioh came off. Thas ruade 1114 ib. in all, or a little over an average of $3 i b l b$. the new Stewarton quite filled their two boxes, but no bore, which in to be partly aucounted for by one of being decidediy strong
Another point, besides the keneral result that was less favourable results from the Stewarton stock than from the ollsers, This stock wis strong, and a nadir waich was at once taken to by the bees; but on account, as it appears, of the additional room
afforded bebeath, they did not take to the super till Joly lu-two months after; and I am certamer they very sultry days whech eame in the madd.e of that month, as communteation had heen opened for the
prevous fortniult without ther having avanted themseves of the additiona! room. Then they hall thed a
20 Ib sumer entered super, as I knew from former experionce that
gring that at such an adranced period of the sason gring that at such an advanced period of the season Fould have deprived me of all chatice of getting asuper
fnished. In the present case it appears perfectly
natural that the super should have been entered
 Toy indirations that additional room wae required, or Would he marie use of if supplid. Now, let it be
grante : thit in a more favourable seanon that super Would have been taken to sooner, and flleh, which I Would have been avalaable, an the greater part would bave been mithe olid cornbs of the stocis hive the pabie
Would have been less than that of the average of what Would have been less than that of the average of what veraze would in a more favourable senson have been

8ootoh management, supplying s super first, and a
nadir only after that had been taken to, three Beasons experience of it have shown me that even that invariably prevents the super being finished.
July is our great honey month here, as the fields are then aarpeted with white Clover, and the honey made
from its blossoms z peouliarly rich
from
of
it
Fho
 curious plan of imitatiag me. He had two stocks,
which delayed swarming one of thes hhe took up the
bexinuing of Jwly, floor-board and ayl, and cartied :nto a coaoh-hnue, puttur an empty hive on the old stand. After having slut the door, and so nearly darkeued the place, he turued the hive up, and com-
menced driving in the usual manner by beating, but without auy her mas manner ny beating, but swarmed out and male to the inght, while others crawled orer the floor. Contrary to what I should have betame well enouzh provided to stand over the winter and spring Very litile honey, however, was obtained roco the old hive, as the combs were greath thed with of the third week of the ssme month. This furbished a fair quantity of honey, but the swarm from it was only able to proride 1 tself with sulu, ient thres to last
over the winter, and it died 1u spring. ILeath beng withn reach, was probably the reason why they succound the oid locality in both the queen must have was lost in one case, and the honey in the other. From what I heard of the temper of the bees during the operstion, it appears to have been a desperate business A. B., Narberth

## Forists' Flowers.

Not only has Mr. John Mann, of Brentwood, as residng in the Esst of England, furnished an illustration that the raising of new ZoNaL Prif rcontids is by no means conducd the district of London, but further Eutl even, another aspirant to honours has
succesfully put in his plea to be ranked among the best producers of the day. Mr. William Groom, of [pswich, repreaents the enterprige of the amateur olasg, Pelargoniums, well worthy of belor better kil bedding elargoniunss, well worthy of being better knowr. Of thease a fine white variety appears 11 Mrs . Nach, at
greatly improved White Perfection, flowers almost pure white, large, circular and amooth, a variety wonderfully profuse of flower, habit ercellent, and dark zonate foliage. Mr. Groom, who takes a very moderate yiew of the qualities of his orsn productions, syeaks of
this variety as a very fine bedder. In has now in one of kis convenient little housea a large mass of this variety, for convervatory nork it is highly effective.
Another white flomer, name, Maden - Blu-h, zives a

porton; white in colour sligluly varied with gink; and John Hopper is one of those brilliant orange-red glorious bedder. There is a good batch of it in It 1 . Groom's garden, preaenting a briliant mass of colour, With quality of indurdual flowers to mateh, Anothe truthful one the flomers of a lisely salmon-pink hue, lent labit. A lirge and massive deep salinon-numb tlower, not without some novelty of character, $L$, 1
been named E. S. Dodwell. in comeliment Proteo-ratser of hat mana the compliment to the lasge and sery fine, and forn noble triseas pips are the follape darkly zonate, and the habit excellent. To maso Certsficates were recenthy awarded at the mentiog of the Ipswich IIorteritural Suciety. In the was of the sorth of Groon is now seedlonga, At the recent Spectal Prize and Pelargonium somo foung plants elast promised well, both in revard to thear leat-marking and colourong, and shape of leaf Bralancy of leaf-colouring is ane of the chief goond ponts in Mr. Groom's strain, the width and rezu Groom also bas a capital palo houe-coloural Iry-leaved Pelarcomum, of the type of Bulle stran, whath ho las named Ipswieh Gem of and remarkably free of bloom, it will be ery useful for bashet work, or in any other inode of oneerratory decoration. In one of the tente at hee
 on whith the fruat was placed, some 20 wire baskets of thin variety, whioh formed one of the prettiest featuren After a quiet and unpretending fashion, raising and roaring s ow seeding pionts, from the sheer sid pure
love of the thing, end because be is rarely happier than When among his flosel offipring, Mr. Groom may be bee this record of hiz succesedit work. $\mathbb{R}$.

## Garden Memoranda.

 the largest in the Eing wh wholesale and retal sced trade tepartments, over each of which inteligent foremen departments, over each of Which lotaligent foremen preside. The comfort of the employs -who number forgotten, for there is a large reading room a fooming
in which there is a good library and a liheral aupply of are the Saturday half-holdday, and by early clocing, during the gunumer months, whioh is solely used for
The pricoipal order room, whe
the execution of garden seed orders is nearly the execution of garden seed orders, is nearly yo feet in
length, and over 30 feet in width. It is elaborntel length, 8 ad over 30 foet in width. It is elaborately and
conveniently fitted np with long rows of aountters, and
some thousands of drawers bins, and shelves, some thousands of drawers, bins, and shelves, which manner The number of orders exe uted in a smoto every articie, as carried out here, greatly assistios In the quisk and correct despately of all procels.
On leaving this ronm. we piased thromati f large paper-romm, in which paper-baes of all sizes here hejog made in laree gututition for next seanon's line. tioned that o the premises, for the purpose of priuting the mans thonsands of labels which are annually required Proxeeding through many large, well-ventilated trerehouses, in which are stored the bulk of all kinds of seode required in the garden and on farms, we arrived at the sgricultural seed order department, which is conducted on the sance principle as tho othar order
 ayatem earried out lere is also wort y of thlamen as showing the care and precautinn that is taken in executing orders. A warchruse honk is heyt in which memorandum is madn. mentionnms the particular parcel of seed from which a customior is sorref, for future reference, and a small quant ty from eirh surh parcel is sown on the farm for momparisnn and to furniah evidence, if necesagry, ambinat any attempt at
fraud. Another large threestoried warnhouse is Iraud. Another arge three-storled warehouse is situate in the King's Rond, which is used for storins Grass seeds, Mangel Wurzel, and Turaip seeds. In the height of the season thece are filled with the
several varieties of the seedz above-namind At the time of our vasit the hrst arrivals of Turnip seeds had just come in, and ware undergoing the procend of cleansing and arrangement, proparatory to the general distribution during the fortbooming sowing season.
Adjoining the seed warelinuseq, \&e, is the nuraery, a suflicient supapst by the Messra. Sulton to furmind nursery there is a hoise heated will hot water, the many stncks of seeds received from their own arowers. There are altogether mine gond-aizar hotases in this nuesery, the whole of which are heated by two ion of bodlung and reneral decoratise stuls
 estahlinhment of considerah'e s

some very fine flower
The trial cround proper is sitalato a short distance Ia kea rag, on the lan Inn rowh, and occupias about larke and remarkahly fite ellantion of (imases, that
 anpposed that the Jiess Sutton yrnw seedi on this fiam to auy great extent, therr syitern in to save a particular kind: this is gromn here, and the seed sayed a Eser exd seleated sto $k$ is sent to their prowers ale Thus the promess of selection, by berne earried article, matead of suffering it mpoes the guality of the as would be the cuse if the seed wore saved anatually ot selection
Of Peas, there has this season been an extenive tria, consisting of shous 110 difierent samples, nartucular experiument Laxton's Prolitie and Forty fold had dome very well Laston's stupreme of river there was lt acre growing here, was rather small in his season. There were alin two new kinla, not jet ent out, and which have not yt bern named. Une of lege, haring bright stcent fliage ai.l fumls. Was "onidered as bemp much superior to iharleader the othr polw Potat in wre niso growing here in lai ne numbers. so far th varieties are conoerned, there heing represen-
tatites of no less than 128 different parcels. Sutton's Early Racehorse was quiteripe before any of the others,
and fully maintained its charater in that respect, The
much-vaunted Sarly Rose was here, very small in pro-much-vaunted Sarly Rose was here, very smal in pro-
duce, and not at all compu up to evpectation.
Another American Fariety, the Eariy Goodrich,


 Lonl Rabbt, of which. there are laren quarters, lined


these was a batoh of a new Lettuce, named Holme Park Green Cos, a large eerviceable-looking variety, not yet sent out; a kind, called Ducket's Perfeotion, also promised to be a good useful sort. Annuala are not grown very largely here, and these for the most part
were over at the time of our visit.

## Maroen operations.

## (For the ensuing toeek.)

PLANT HOUSES.
THE genus Lachenalia, whioh oomprises some of the most beutiful dwarf bulbous plants, now requires especial attention in regard to potting, sci. There are soveral species, many of which are much better tana the ord and well-known L. tricolor and are consequently well
worthy of cultivation. They delight in a free open worthy of dultivation. and gandy peat: being almost all nutives of tho Caye of Con 1 INpo, a low temperathe winter months. In potting up store pota the bulbs contazaed in od balls should bodirided, and are better If kept separate shen placed in the frewh pots, thouzh Shight, just suflicient only to cause a gentle heat to pervade the pipes, and to keep the temperature at a safe point. Less sar will also be required as we merre into the cooler autumn montha, and the sas and a for afforded rather later ing Cyclamens sown this spring should be pricked of into small pots, and be pushed along freely $\frac{3 s}{}$ goon as they show the second or
third leaf, This is the real secret by which the third leal. This is the real secret by which the There must be no rest-no check, until they are produred in fuli and abundant bloom. They hike a nice
brsk and moist growing temperature. Above all, they brsise br kept enturely free from scale, red spider, and especially lhrip. When the latter attacks them, or oll-concel uluon tho crown, amongit the tender youug leavis an thicy form, and these they oftentimes eat eye. I'coroushly zood dranuzze 15 an essential pont are sume fe ss suhjerts whin h , if they are to be kept mack ratn waruser houses, such as Tyderens, Achimenes, and the like. Though these and sorue few other sumlar subjects wil do moderatery the warmer jermd, they will not last when
during
conler nugha arrive. Examing late grown Ifalian Tuberoses, and if the plants show any sikns of throwing up a flower sples let them be placed in a high temperaaltornate waterngs with moderately strong liquid each pot, the bette
furm kond spikes.
 Hurmer ild ghter givithm tuath that aitle manure water will benefit pot-bound specimens of these also; it should be weak and clear, and should not be given to them too frequently.

## FORCING houses.

Let late Fineries which are now finally swelling off ther crops, and Muscat houses in particular, be carefully attended to. Bear in mind the faot, that al final process, are not good Grapes, in the right meaning of the Ford, until the golden amber we appreciate so mach, the thin-skinned berry, Do not let present appearances, however encourazing they may be, lull jnto such false security. Take advantage of every ray of sunshine, admussion of the latter, and by judiciously taking of the sir betimes atill further aid these favourable circumstances. Where shanking ocaurs-and it will do 80 at times, in spite of berry so affected, even to the gangrenous attarla ments on the stalks, be immedately removed. Furtherdoctors disagree herenn) that shapking iz causel in consequence of a too tmeagre supply of nourishment Which are nhanking, to Eay the least, lends more to
imporerith those which are entirely free from the
mathdy by the vory quantity of support whiok they eract for their partiol or imporfot support. Alt
Vlnerios which are now finally oolouring their fruit,
shoult live no more water distributed withindoors himl it is in a matter of mome importanere however, hetar I frealy reter to the subject azain It 18 the pratince of the coul cuithatur to prepare, on so far 88 a dull wit tune for eventuaitie the may spon have detrimental to the well-ben?g of the crop are borders in a wet sloppy state. The inner atmoaphere becomes dense and reeks with irapurities, whica are much at for the production of tavour. In rerarl to Pimes, I can add hitte to the past far Calendars. 1 lush formard the potting of all those which it is desirable to pot at this mext season should be placed at the esplast or fruiting into the fruting pots. Thin, where the quick fruiting process is carried out. Make every preparation for tho attanment and maintensnce of a proper amount of winter. Int this end the neceasary amount of tan must be proctired, and when not wanted for mmediate ase it aust be protected arainst rains, The lovely weather
wo experienced at the ond of August whe sll that could have been wished for the late "shows" Those just expanding into flower will swell away kindy the case had dull weather continued. Where economy is preotised, and it is seldom otherwise in gardening matters, it will be well to get in a
necesary stock of fuel for forciug, \&c.
HARDY FLOWRE GARDESK.
Mignonelfe which was sown in pots a week or two since, and whirh is intended thinned out nicely, withindoors, shoud may have ample room to grow and extend itself freely. Water freely with a rosed water-pot, and still keep in a fhily exp intended to flower where sown, may now be got in They comprise Such as the Nomoviila, Oxyurna, Catandrinia, \&c. If the weather continues iry, of course each will need watering, end should be effectually ghaded from the cuttings of varsous sorts of be filug stull must now bo got in with all di-pathl. where properly made grow be potied siugly into large 60 -sized pots in a free, tray be potted sitgyy When this sis done place them out-of-doors on to cinder-ashos, or some similar material in a fully exposed situation, where sun and air can have full piay on to them. It will be necessary, should there be no rain, to give Jater plantations of Gladiolus good Waterings. Those who have afforded this aid
Tritomas, as I have previously advised, will have seen Tritomas, as I have previously advised, will have seen advisable to continue watering these, that the late flower-apikes may be brought up with equal vigour. Tho Gynerimm argenferm (Pampas-grass), though an inhabitant of the prairle deserts, delights wiso liquidmoisture, and if frequently watered No further delay should take place in regard to making plantings of Pansies Whero the Ifollyhock seed sown a few weeks since has not shown above ground, it should bo well watered, and indured to do so qui kly, otherwise the efficteutly next year.

Lattle can be arded in thas department to what has been suggested in the past two or three Calendars. All Celery plantations will require irequent entoviors raterngs. Sowions shoung crop. There is little to for the nurposes of a spring crop. There is The old choose between the many varienes or improved Hertfordshire, are perhaps the bast. I have previously suggested that material should be obtained for the purpose of making eariy sutuma be emptied, and receive a thorough cleasing with the
nid of the whitewash brush, \&o Where there are
 with frest hame. Immeliately a wet period arrives make a sowning of Radishes, and set to work transplanting the earicer rutuma-sown Letruces and enthe most sheltered positions, there to withand the frosts of early winter, ec. Other and nuccessul sowings and "pickings out" must be made periodically.
hence a portion only of the border to be ocoupied hence a portion only of the
should be planted yet. $F$.
$E$

## TOWN GARDENING

Contines to put in cuttings of Pelargonisms Centaureas, Stachys, Ageratum, and the Goiden Pyre-
thrum. The last named I consider one of the best foluage plants for towns, as it shows up well next an edging of Ivy. Annuals have dono flowering, and should be cleared away, and the stems of such
perennials as have also done flowering cut down prrennials as have all with Iompon Chrysanthemums Intermerhate Stocks sown last month will now be fit to pot, they should be taken up carefully, with as murit root as posible, and planted three in a pot cloze to the edien, in a compost consisting of four parts loan and one part rotten dung, well mixed together, for a lew days, afler which they should be remove it a more open position thll October, when they should well in town if wintered in a cold framei inese
should now be taken up, parted to inorease the stock, and potted. I find from experience that though they do well during the summer menths they will not stand nd nir rach top, which will impoverish the flowe shooto, and where the flower-huts come the crowded together take them all out but owe. Miqnonelle should now be gown for eariy spring use in is-sized pots, and placed io a frame, and as soon as it 18 up give protect it from wet and frost. $J . D$.

RTATR OR THF WEATHEL AT CHISNIIS,



Notices to Correspondents.

## 

## there is some misunderstanding.

 up tha hold, gnd so erush the larva, ni firther fojury will
be dunc. The trunk will bo weakened, if it is not a largo


 Laty" Out Giardev." and Loudon'a edition of "Pteptom's Landscipe Garicning" liry, bruwn lutnp, looklug more like a dear! Lycupodine
than anything else, but which, upon bulng inmerursod in a soup-plate full of water, gradunly operned ita frund
 "Lycopodicere," jurt ii p. in
"recmerns $\because$ The proporti,ns and 1 , rm are all that neod coccivise $\because$ The proporti, nis and f, rin are alt that neod but tho specimens is beht are much tons old and coarco in
thavour. probably they were kest at an earler stage ith tery like a proper drainate, win ount to vided as the platits need noms food, or the routs may requite to be enemunage, to man into
freali material. Thore should be meal y provided to prevent of earth would guffice if tha moisture is perfectly undee Deontrol. a shy blooming plant. It in, we believe, sulficiently basdy
 npota, but woat bearer than a phro puity mofl, to muloli thy


 destruction. Tu gat nid uf it perfect rentilatiou is necesary,
and all the parts fofeated should be treated to mand of and all the parts infeated should be treated it is not ak all un commoth, as in your case, to fini it spreat ling over gypain, gypsim, but from the furiaer phatats If (t $\delta$ Berkeg is not

 We belleve tha bilinee to be rather adrerse than othermis to the elatins of this new
already given at $p$ 68.




## entriass $4,1869.1$



$\mathrm{T}^{\mathrm{HB}}$
LANDS TMPROVEMENT COMPANY.-

 Lard Gariien, M, M, Ba, Eaton Equaro, S.W., and Galloway Hotroo,

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the Ludtowners ln a shorter torm.
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 M MXTVRE Of GRASSES And CLUVERS SHOOLD NOW BE




## The algricultural Gatette.

SATURDAT, SEPTEMBER 4, 1869.
hebtings for the ensulng week



Firann soils in America have been known to yield 50 crops without manure. We learn from the accounts of competent travellers that for 8,12 , or even 20 years this new land requires no manure ; on the contrary, manure makes the grain or Grass crops at first too rank. Gradually the virgin soils are exhausted of their first freshness. "The first settler," says Mr. JoHnston, in his "Notes on North America," "is a robber and exhauster of the land; and he who farms land from which six or more crops have been taken, must farm more generously if he expects satisfuctory crops." Skill and industry must bring back the fertility. which disappeared under the treatment of the pioneers. Our costly system of agriculture is quite inapplicable to new countries. A rotation of crops, as we understand it-that is, a mixture of forago with cereal crops-is nover that we may grow corn. Bat the settler raises his live stock on the waste land; meat with him is only $2 d$. or $3 d$. a lb., and his crop must be such as can be easily exported.

It is easier to clear and cultivate the fresh land than to improve the old. In Margland
the exhaustion of the soil by the Cotton crops has forced planters to retire westward. The land has been "worn out" by a systern of farming, Which is justly caind follow no other sybtem. Like the Einglish farmer, his busineas is to make the best of the circumstances by which he is surrounded; to farm, not to philosophiso.

The new States in America are "filling up fast, and the new soils are being as fast exhaustod. In fact the process described has been exceedingly rapid in the past 30 years, owing to the $\mid$
unexampled progress of nations in both worlds. A comparison of the census reporte for the United States and this country discloses some remarkable facts relating to the distribution of population and the source of wealth in the two countries. Here the popalation of our agricultural districts diminishes, there it increases rapidly. Between 1850 and 1860 the population of the seven North-western States, where soil and climate eapecially adapt them to corn-growing, nearly doubled ; in 1860, it was $5,543,382$. The war checked the progress of population in America, and it postponed the fulfilment of Mr. McCuLLocr's prediction that America would cease to export Wheat. He estimated that the population of the United States in 1834 would reach $60,000,000$; according to the latest return in 1860 it was $31,44 \bar{j}, 080$. The progress of the older and the manufacturing States has been greatly interrupted. The increase in the mile age of railways in the United States reads us an instructive lesson. In 1850 the total mileage Was 9021 ; in 1860 it was 30,634 ; this astonishing progross was then interrupted; it was, in fact, arrested in the Southern States, and greatly checkod in the Atlantic and New Hugland States; but in the interior, or agricultural States, it still went on. We find that in 1864 the total increase in the four years was 4274 miles, and more than one-half of this was in the intorior corn-growing Statos. But it is important to note the details of the increase just referred to of more than 21,000 miles between 1850 and 1860.
That of the interior corn-growing States was nearly 12,000 miles, and that of the Southern States was 5100 miles. This wonderful opening up of the agricultural districts was followed by a war, which left them untouched by comparinon, but which destroyed industry and population in the other States. It might have been expected that other countrie would have been deluged with American corn, especially when the Southern market was closed, but this was not the case; the myerage surplus of Wheat, for exportation, has been only slightly increased.
In a country where the usual breadth of Wheat is 12 or 13 millions of acres, and the crop is extromely varions, there is a largo surplus in favourablo years; henco America was fortunately able to supply our deficiency in 1861 and $1<62$ Tho usual exports of Wheat and flour to this country for the six previous and six subsequent s-year. Part of this increase was due to the Wheat grown in Upper Canada, which is sent to New York or into the New England States by the Grand Trunk Railway, which now brings the best part of the country into connection with lake and river navigation.

Considering the great increase of the means of communication, the actual addition to the amount of corn exported has been so small that it is evident the country is not "opened up" by the stimulus of the export trade, but by the increase of the home demand.
It is only the surplus of abundant years that is exported from America. At present prioes it does not pay to grow Wheat specially for exportation. This is a very important feature of the American Wheat trade; it is illustrated by the scarcity of Maize in the country during the past year or two, notwithstanding that Maize can be grown for one-third the price of Wheat; English consumers, for a long period, had to pay 40s. per quarter for it. It is only the surplus which is exported, and any circumstance which reduces the amount of the surplus, or increases the demand for it, must raise the price. In the case of Wheat, when othor countries compete with us, as Iroland has dono of late years for Maize, the surplus will bo more difused. Under the strmulus of high prices during the Crimean whr, Wheat was grown for exportation; but at the present price, 50s. a quarter, the area of Wheat will not increase
Settlers in Minnesota (a Wheat, not a Maize country) assure us that it does not pay to grow Whest for exportation. In all probability the competition of otner countries will oblige us to pay dearer for Wheat in future years, in order to and this may occasion a reaction against the constant increase in this country in the area of pasture land-an increase which the country regards with complacency, because it is supposed to increase the number of live stock; but the conversion of arable to pasture has not prevented the rise, for many years past, in the price of meat. If, as we anticupate, the competition of other
countries occasions a gradual rise in the price of amount of reduced phosphate. Both the actions Wheat also, the "food question" will becomo en urgent public question ; and the discussion which will then take place will, no doubt, add greatly to the very meagre stock of knowledge possessed at present by the public at large or certain agricultural and economic questions.
Phospronto acid in Court: Calcium, iron, and aluminium phosphates before Mr. Justice Hansen at Liverpool, and reduced phosphates before Mr. Baron PIGort at Gloucester!
The chemistry of the agricultural phosphates has become an extensive, complicated, and important subject. New raw materials are evers where soupht for, and the raried supplies of apatite, coprolites and phospho-guanos, which have been the rewards of tho 111quiry, have beon
pressed into the servico of tho manurro manufacprossed into the soryico of tho manuro manafacchemistry of tho action of sulphuric acid on
bone carth itsolf is
not thoroughly understoon, it will not be difficult to believe that fresh contplications are introduced into the question Then phosphates other than those of lime are employed. Some of the so-called phos.
phatic guanos, Sombrero, Narassa, Redonda, for example, contain much iron and aluminium phosphates. Not only doos the presence of these compornds demand the uso of very much
larger quantitites of oil of vitriol in ordor that tho raw material may be converted into a super phosphate contanining n good percentage of solublo phosphate, but they introduco a new source of
trouble. Use as much sulphuric acid as you will, a portion of the phuqphate which it makes soluble
in water becomes in time insolublo in water in water becomes in timo insolublo in water -
reprocipitated, as it were, in tho substance of the superphosphate itsolf, or, in other words, it is again readuced. The reduction, or going
back, here referrell to is becoming a mattor of notoriety and of serious importance both to the manufacturer of superphosphate and to the farmer. The manufacturer spends extra timo,
labour, snd money in producing soluble phosphates from materials such as ferruginous coprolites and guanos, only to find that, owing to this reducine ection, the manure sinks in value when it has coluble photephate becoming by that time reprepurchases o superrhosphate by analysis. Thi analuble: ho semuls a sarnule to arl amelust for examination, and the report is 13 per cent. of soluble phosphate only. What has become of the difference- 6 per cent. ' Owing to the nature of the materials employed it has relapsed into an insolublo or less soluble condition. The only question for the farmer here seems to be this-is the reduced phosphate of equal value with that which remaine soluble? Most agricultural chemista believe that it is only inferior to the true soluble phosphate in one particular. The soluble phosphate of a manure diffuses itsel
through a considerable mass of soil, aud becomes theremp precipitated. In this state it is redissolved by the carbonated water of the soil, and helps to nourish the plant. Now reduced phosphates
tact with the soil ; they are protty much in the same condition as tho precipitated phosphates power of diftusion, and in this particular monfestly inferior to soluble phosphate. This, eqparataly estimeted, and oo retarmed in the
analyris furnished to him. But the analyet
hare her eotimating reduced photphates hes met with so even those chemists who do not doubt thenr existence, of their ralue in certan superphoophates, are often obliged to ignore both but the matter cannot be left in this unsatisfac tory position. A suutable and trustworthy pro-
cess must be found. The number of analytical che experiments of a large mising methods of estimating reduced phosphates axalste of these a weak standard cold solution of oxalate of ammonia is employed; in the other, a definite quantity of a boiling solution of bicarsffect the ariginal raw of these reagents searcely from which a superphosphate is made, oxtrocting from then leas than a which they ere capable of detacting in aspate, phosphate which has had all its soluble phosphate washed out by water, a considerable
which we noticed at the commencement of these remarks arose from questions concorning the true meaning of the analysos of phosphates. In the Liverpool case, Dobell r. Warle, a warranty with respect to some Redonda guauo described it as "7is 66 ," Whell Was stated to mean other hand, it was affirmel that it contained no phosphate of lime, only phosphates of iron and
aluminium. Of course, had it been converted into superphosphate, both the drawbacks of a ferruginous matorial would have been experianced in a high degreo.
In the second case, Bratbitra $r$. Steptieass, tried at Gloucester, the warranty contained the soluble phosplate, including the reduced pr wipitated phosiled on bothe, sides, and the main point of dilference betweon them was as to the practicavalue of which was not denied. In other points the scientific testimony was fairly accordant. One of the plaintiff's witnesses, Professor Churcm, of Cirencester, found, for example, 1857 per cent. of soluble phosphate in the sample of superphosphate in dispute, while Ir. Voelceer, for tho defendant, estimated the soluble phosphate in the same sample at 18.66 . But Professor Church determined the proportion of reduced phosphates in the same sample to be about 6 per cent, whilo Dr. Voelcerer was of opinion that it could not be estimated.
We shall probably recur to this subject on another occasion.

- The Wheat trade bas been unsettled during the Week, and it now remans about the same as it left off nit re slivhtly cheaper. -The beef trade has improved with the cooler weather. Mutton has also been more reely bought. The quotations now are "ss, Gd. for
prime British beef, and s.s. 88 for the same kind of a merely nominal character.- Wool is of about the same value.



## e ratey frotit therr rer

sidereil by a a "Durrham Fatit by machinery is thus con-
"A correopondent of Mr J. J. ME nir, - writing front Yorksilite

 If the readers of dally papers need any information on the subject of the cost of agricultural operations, it is certaingy advigable, as the "Durham Farmer" intimates, dout they should be so addsessed as not to be left in much As the "Irand Question" is now receiving
and in certain quarters, xe give the programme of a
"Land Tenure Reform Association" as a matter of
"ne


The President of the British Asio inton, in reviewing the progress of scieace during the past jear
nothed an interesting investimation recently rondmeter
 Cnllece, Cireneester The researches
revented the presence of copper,

## red colouridg matter of the $v$ ings of the flaraso

 copper had previously been found
the metal might be looked upon as accudental. But in the Turaco the very existence of the red colouriag malter of their plumage is dependant apon copper Which exists in it at the rate of nearly 6 per cont. It is curious that in the same featiler, martly red and parts, but none, or only the merest trace, in the black.

## otr Live s'rock

The Rev. C. W. Holbeach has instructed Mr 14 bulla, on the 21stinst, at Farnooronzh, near Banbury Mr Straford iaforms us that the foundation of this herd was laid in 1813, by the putrchase of Eome pure effort was made to competo with the frincipal herds of the county, but a good stock, oftern suecessful at loca shows, was kept up, Since jwis many anmals from of the lots offored are by iltir Derke of Onford, am the cows and heifersaremostly in calf to the same bul
Lord RED Elies 2d, or 2 D Eta of Cleveland many important sales space to notice separately the advertisement sheets of our agricult aral paners nre fril of important announcements. Mr. Straford
favoured to sell" 2 bhead of excellent cattle for Ifr Iavoured to sell Fawkes at Farley IHall, Ottery, on the lith October ; and Mr. Thornton sill sell's large aud we bred stook of Shorthorns, grazing cattle, and Son downs, the property of Mr. Lougbpurne, Petersfielo intrusted with the sale of some very first-clar, shorr Borns and Leresater shecp, the property of (r. I.
Barclay, of Keavi, Dunfermbine, on the 2lst inst Thcso are all important sales, and we hope to treat them at greater length on a subsequent occasing. I is a matter of regret that the Farnborough and hearsi would doubtless liko to linve attenjed both.
 price was 400 gs . This is the second purchase from may be remembered that he secured Mirabel from the sante herd in the spritig.

$\qquad$ Ireland, whore their relative Honey 15th, and the bill AERONADT, preceded them some Weak, before. Al for rood prices On the following Monfay the madername
nine heufers and two cows were sent to Mr. Anger
 Marchioness of Usfcrt, Merelina, and Baroness
Oxford $8 d$. Theso cattle were acompanied by it Sussex-down ewes and three very good ramt are let at high prices.
received the following addution

Peach and fecorgion tribes which Colonel Kingso
has boupht from Mr. Bell. They are neariy purd
afler at Kinasd
 Mr. Lueas secured another good with four exceptions, in which $23,20,15 \mathrm{~s}$, and 15 sold Were respectively given, Only one ram lamb was fing
for more than $10 \mathrm{gs}$. The desaription of the sale of tin of Colesinll cattle and pigs appeared in our impression last weet

 moune, st they die in most cases within hall an hour
 for sone sessons past one or two have died easod year us the spring, and from one herd in this neighbourhood Wind that this query is asked by the manaser of one Ot the flanest herds of Shorthorns in England it becomes inportant, In a conversation, with the gentleman driolent pain caused by thome it was marnaly maly the result

## RECENT RAMS SLLES AND LETTINGS.

Lincolushires -The rams of Mr. Chaplin, of Tathwell, near I, outh, were let by auctron, by Messrs.
Briggs, on 'Iucsday of last waek. Fifty-ote rams Wrigg , penned, 49 of which were shearlings, lior size,
whbstance, and foeco, sajs the Lincolnshire Chronicle, substance, and fleeco, sajs the Lincolnshire Chronicle,
some of them were truly remarkable, and before a more numerus company would have mevitably oarsed a yert keon compeltion. Of the 51,36 were let, the
remander being passen. Tho gross amount made by remsinder beine passen. The gross amount made by The Biseathorpo rams wro let ou the following Thuriday, when Mr. Kirkliam had around him his
usually largo assembly of friends from far and near to partake of his hospitaity, and otherwise onjoy the oujecs of agricultural interest-apart from the sheep
to be let which are to be secn at Biscatiorpe. The
prees which the raus let for on this occaston were not eq $1 a$ to past season The average price of the 130
rams, co of whicn were shearlings, was $121,2 s$-On Monday fast, Mr. Da\}ey, of Owersby, near Market Risen, had



 Rosal and other agrieultural society's shows, offered his The prices realised, however, were not equal to the show of prize cards by the 2 -shear and aged sheop. Mr.
T. leohell hired one of the shearines at all. Cartmoor one at oul, Mr. Mut Ilewon, of Whater Newton, Huntingdonshire, one at 3 i/, Nr Rirliardan one at

 lill, or au average of $15 l .25$. Bd. esch. The average
of the whole was $10 l$ of the whole was 10 C 6s. $10 \frac{1}{2} d$. - The Huttoft Week. The two-shear sheep were in greator favour and Captain Catia, of Eine, Wisbeach, gave qol and lings and 24 two-shear. The average of the 5 ? was Heath, let his annual Aroduby-de-la-launde, Lineola lime on Thursdsy lest, Be has hitherto-except in the catio plazu yad wheo thed woro eid ham, and Peterborough fairs. Oi Fhursday there were the best lot of 100 rams we ever gaw together Sthe property of one man. Wr. Pell hired the fist at 11 gs.; Mr. Toynbee took one at Dudding one at 21 gs, Mr, E. Pa idison one at ; 3igs.


 A few were passed at the season of nearly $11 l$.
neveral of In. Clarke's regular of 5 gstomers but ably absent after harvest-work, and the surplus witl be maily disposed of at from 8 to $10 \mathrm{gs}^{\text {r }}$ as the shoep for Which there was no bid were, as a rule, quite as good mouthdowns.-The snaual sale of sheep, mud the sale Biden, of Hove, near Brighton, took place on Fridas. There "rre 19 splea 3 d rams for lettius itud 16 for rams far lettiug. Them highest price, Gol. Gs., was given

 damis Bebl, Cambridgeshire; 1-year-old, by dito old, by ditto, dam ditto, $10 /$. 10s., Mr. Pace, liradnell-
on-Sea, IIealdon, lissex; l-year-old, by ditto, dam a Go-Nea, IIealdon, lassex; 1-year-old, by ditto, dam a
Goodwood ewe, $10 l .1$ lit, Mr. Paye; $1-$-sear-old, by
dite, dam ditto, $1-l$. I-S., Mr. Paye; 1-year-old, by

## [Tho THE WHEAT CROP OF 1809.

## [. written by Mr. J. J. Lawan.]

IT would be dificult to select two successive season in which the Wheat crop in this country has differed more than in the Years 1867 and 1868. To meet the quarters of Wheat were imported into the United Kingdom during the twelve months supcoeding Sop tember 1, 1817.7. This large forelgn supply would have beer still larger had not the splendid crop of 1863 been usually early period, thus reducing the consumption of the crop to a period of little more than 11 months. The range of prices during these two years has been *ery great, the average price of the harvest year com-
mencing Soptember 1 , $18 i_{3}$, having been Gos, $4 d$ per quarter, while the average price of the year, from September 1 , 14 tis, up to the time $\frac{I}{}$ am writing, being a
trifle below 50 . per quarter. It is rather singular that the Gazefie of May 8, 1867, which gives 74s. 7 d ., belng the maximum price of the year, also gives in the same week of the following year 4 ts. $4 d .$, being the minimum pryco of the harvest year-a difierence within 12 months of above 30 s. per qr. The crop of 1869 preceding crons; it is cerlainly not a very bad crop, like that of 1 wilj, nor a very rood crop, like that of
18fs. Its peruliar feature is the remarkable contrast which is to be seen in crops growing stde by side, and to all appearance cultivated alike. Some fields present bulk and root-fallen. These circumstances make it rather dillicult to arrive at a delinite fyure which shall most In thepreseat the crop of the country
In the "Journal of the Ryyal Apricultural Society" or isis, I published a paper on the "Home Produce, mports, and Consumption of Wheat." A portion of produper was devoted to a comparison between the wroduce of the fied in which I grow Wheat every year tain how far the jeld of certan selected experiments could bo taken as a guide to the sield of the Wheat rop throughout the country. The figures are qiven and can be referred to by any one who is anxous to know what reliance oan be placed on the estimates I
The follosing Table gives the produre of selected xperiments in $\Omega$ lietd which has grown Wheat for 26 years in succession. The produce of the five previous crops is given, as well as the crop of this year, and also have averase of the last 17 years, no change of any sort emphoyed, nor lave we reason to sulppose the manures woul emphoyed nor have "e reason to suppose there woul
be yny fluctuation in the prodnce oxceyt such as is due to the anlluan evof clan to -


We hare in this Tuble an exact ulustration of what appears to be the character of the Wheat erop thronknout the country; in one casc a produce above the the produce of $180^{\circ} 0$ with the average of the 17 parion years, we find the unmanured spare shightly below the averaze, whale the land reveiving farruyard dung evers sorr is nearly 3 buhbela above it. The crop whit arvitulal mamiare of $86 t$ or nearly 1 quarter of Wheat below the average. No. 8 is 4 busbels below the average, and recorve equal manuriag elenuents-the first recelving its nitrogen in the form of salts of ammonla in
the autuma, and the laster as mitrate of soda in
the spring - generaliy give nearly equal sodo the spring- generaliy give nearly equal somocunts
of produe, No. 8 being rather the best, This year
the nutrate of sod pives contrnued rain durnag the winter, combined mith a hixh temperature, hasing removed the ammonia from with the products of the too previous years, it will be hash as in lais. Taking the mean proluce of the un-
manured and junged land and the three artitcrasily manured lands (these latter bemg considered as one), We hot a product which, over an average of $1 \frac{1}{3}$ year.
very closely agrees with what is constsered by our best authorities to be the yield of an as erage crop in thas which is almost identionl with the average, the one
ring to the lower part of the Table, which gives the the weight is very lows being 21 b . per bushel below the average of 17 years; it is even below that of the very In the following Table will be found the produce obtained by threshing 1 acre from several fiedds under regular cultivation:-


The yield in tuese fields is very varable, but in Thery instance the weight of the bushel is very low. This is the more remarkable after the splendid ripening wenther we have had, and in crops which were not In any way laid at the time of cutting. The conclusion I draw from these figures is, that the Wheat crop of
1869 is slightly below the average in quantity and that It will he alos fefiyent in quality, as estimated by the represontel by a produre of that an averaze cron is 61 lb per hushel, I am divnsed to fix the present crop as equal to $2-$ bushels of the same werght.
I will now endeavour to ascertarn how much food such a crop will supply, and what quantity of foreign Wheat must be imported to supply bread to the nation for the next 12 months it is said that the area of how far this is this year is less than that of last year return for last year gives an area inder statistical 3,750, nof acres. In the absence of returns for the present year I will take as a basis for calculation 1218,500 quarters. From this should ber acre, gives seed for the succeeding crop whelh at 21 bucted the acre, amounts to a little nver, Whach, at $2 \frac{1}{3}$ bushels ner in round numbers गll milinn quarters for food leaving mean mean population of the Cnited Kingrdom to be fed durine the next 12 montbs wil be little short of
31 mathong. In the paper I have referred to will be of bread by the popatans relating to the consumption of bread by the population of the nited KingWheat per head ner annum, or upon a population of the home supply at militon quarters. As I estimated leave a other soils. This ruantive neys appear suppled from may be aomewhat redured by the stork of old W , and af the ernp of 18 th atill in the hanal: of farmers. Quite while oive of seasm, it slomit be borne in mind that, whikeme own proture of Wheat does not materially
 and this with a harvest far exceeding the average and corn at a ow price. Our deflciencies, whatever they may amount to, will doubless be futly slupplied, and in the absence of disturbing causes I should not expect to see present price for the next mine months. Rothamsted, Herts, Aug. 26.

## ABORTION IN COWS.

Tho forlowing ie a gammary of oonalumione arrived at by a
conminasiun upon the prevalonce of aboxtion in the north-
east of tue State of New Pork.]
The north-eastern portion of the State of New York sbounds in factories for the fabrication of the magnificant cheeses which are extensively imported with our best qualities. This exteasive district has of late suffered so nuuch from the abortion ins cows that a commission was appo.nted to investigate the matter, IF. H Carmalt has The report, we may obserre, is quite a model for suoh productions; the investustion was carried out with sinkular zeal, no expense withun the limits of prudence "as spared to arrive at the truth, and the result is far more conclu-ive than is often the case with such com-
misnons. The report, indeed, is so good in itself, that misnions The report, indeed, is so good in utself, that zuterest in the subject, wheh is far frous being the

young; and the buil-calves kept only so long as was necessary to obtain the stomach in the best condition for the production of rennet, and the heifers were pat quence, not only was there the prospect of a feeble being forced to yield far more than an average quantity or murprising that the race should gradually become weak, and that, the proper supply of nutriment to the
young call being too greatly restricted, there should be frequent abortion. Where bulls, cows, or heifers were introduced from an aborting dairy, the disastrous effecta were soon fer, and where -yeas proportionately greater. The tables show, moreover, that an arerage of the whole State determine should be the yield.
The conclusions of the commiasion are stated as
1st. That 00 wa, which have first calved at under three years of age, are more liable to abort during their
subsequent pregancies than those who first calved at three years of age or over, in the proportion of five to farms; reporting them do first calve ot under three years of age.
2d. That cown subjected to removel of any time sre lisble to sbort, over those raised on the farme, in the
proportion of 7 to 4 L , and that 63 per cent, are thus removed.
3d. That cows subjectod to removals during pregnanoy are liable to abort, over those moved while not pregnant, in the proportion of 9 to 2 , and that 70 per
cent. of those moved yearly are pregnant, and 17 per oent. are moved yearly.
4th. That arrest of development is the condition immediately preceding the abortion ; that an excessive drain upon the seoretion of milk during pregnanoy has a ceand from inanition, and that an excess of 70 per cent of milk is demanded from cows in this district, where The whole exals.
The whole expense of the commission was 4910 doliars, about 10,100 sterhng, an example of iberality

AGRICULTURAL GLEANINGS FBOM BRITISH CONSULS REPORTS.

## (Comtinued from $p$. 900 .)

Tomnay-Charaute (France),-The past year has been remarkable for the high price of provisions and the
deficiency which prevailed, the more to be noted in a largely productive agricultural district, which has had ordinarily a considerable surplis to dispose of by
exportation. On the contrary. What and Oats were
in great quantities imported in 1868 , but with a pricipally from want of guccoss in the harvest of the produrtion of provisions, properly so oalled, is
dimunimht in this distriot whilst their consumption
is somenthat merasing. There are two main oauses tending to this result. first, the large tracts which, having formerly produced corn, are now devoted to of sufficient labour-power duly to cultivate the ground. Inoidentally to the latter, it is to be observed that mueh of the richest producing land has been able to furnish
grain crops, grain crops, \&uat ior many years, without manure, but and now requires thorough renewing by fertilising applications and deap cultivation. The farmers are
injudicious in placing similar crops, or crops with injudicious in placing similar crops, or crops with after year; and their system of fallowing, by leaving for one year in every five or seven, far from strengthening the land, is likely to injure it.
Leipsic.-The harvest in Sazony (1868) was some-
mat below an average. Pasture lailed most nniverWhat below an average. Pasture lailed most universheep suffered. The noticesble features of the year are the gradual deeline of corn prices to the level of sheep. It is saareely necessary to say that here, as
elsemhere, the seasons were abnormal. Winter was
severe, internittent sharp frost and much snow severe, intarmittant sharp frost and much snow
being allernated with midd weather, thaw and damp.
In pring, dry wind add hoar frosts. At Eisster snow In large quantitios, satarating the ground to a con-
deokeble depth, nud mpoding cultivation for sovaral
men smow was the laet moisture on the land for mosith, for when rain come, it fell usually over a very
small area, and not in sufficient quantity. In summer
the drought and heat were so sorious, frequentfy occurred. Large sums were spent in clearing railway ambankroents, and in making ditches to arrest the progrezs of cire; but in spite of all these
preat, however, was accidents occurred. The qreat
heat brought up the Wheat and Rye aropects -it brought ap the wheat and Rye crops quickly,
destroyed all disease in the ears and produced a cro destroyed all disease in the ears, and produced a crop grain. Barley, Oats, and Poms, yielded in proportion summer months. Patches favoured by moisture produced abuadantlv; others were dried up. The highlands of saxony were more favoured by showers and drought; Potatos yielded well, and farnished a large
proportion of starol. proportion of starol. faction, s great deal of Wheat were pave keneral satigfine condition. Rye suffered oonsiderably through the muoh sown the crop has proved to be better than was
expeoted. Barlay suoceoded perfoctly well, both quality
and quantity turning out satisfactory. Buok was a failure Oats, like Rye, suffered from the exceedingly dry summer ; Beans and Peas were auccessful; the Rape and Canary seed orops were splendid. Linseed
and Flax would have been better had there been more rain. The Potato crop was an abundant and excellent one.
Turkey. - The spring set in very late; not a leaf or a nd consequently in many parts of the province of Bosnia considerable mortality oecurred among the Bosnia considerable mortaity occurred among the remaining from the soanty crops of the preceding year
haviag beor exhausted. Much rain succeeded the cold having been exhausted. Much rain succeed, ad people and inclement monthz of acarch and Apri, and people Tejoiced at the prospent of an abundant crop or also presented a promising appearance, and very heavy orops were expected. In Bosnia, however,
it appears that rain is often either too abundant or seriously required, and the incessant wat wanther which greater part of the hay crop, and injured more or leas
all the cereals, with the exception of the Indinn Corn, all the cereals, with the exception of the Indinn Corn,
which was plentiful and of good quality. Rather more
than a far average crop of tolerable hay was stacked, a great part of which will be available this year, as the past winter was so mild and open that the oattle were
able to find sustenance in the fields and copses. The able to find sustenance in the fields and copses. The
orop of cereals was probably below the usual average. orop of cereals was probably beiow whe appear to have been identieal in many parts of Turkey. J. R. Jackson Kew.

## ON THE DEVELOPMENT OF CEREALS.

Mr. Hallett read before the Britieh Association at Exeter the
following paper upon " The Law of the Development of following
From continued observations and experiments, axtended over mearly 20 years, 1 have arrived at bee afforded to the plant for its natural development-
1st. Erery fully developed plant, whether of Wheat, Oats, or Barley, presents an ear superior in productive power to any of the rest on that plant. 2d. Every such
plant contains one grain whioh, upon trial, proves more prodnctive than any other. 3d. The best grain in a given plant is found in its best ear. ithifen superior vigour of this grain is transmissiole in its progeny. 5th. By repeated celection the on its progeny. sth. By repeated. The improvement whioh is at first rapid, gradually, after a long series of years, is dıminished in amount, and eventualy so far arrested that, practically speaking, a continuing to select, the improvement is maintained and practically a fixed type is the result. I have instances in which there werr two ears on a plant containing ane eqna number ol greing, and one of these shan presently show, may be considered quite oxcep-
tional as to variation. In both the other instances there Was only a low stage of development, the equally finest two ears of each plant containing but 59 grains and 49 graing respectively. In every case where the plant presented an ear of 60 krains and upwardo the in 20 instances taken consecutively and without omission continy journal the sverage diference pas 7 grains These inolude peven varieties of Wheat. The differince in iour of these instances was oniy one grain, but For the simplieity of illustration I have here taken morely the number of grains in the respective ears, but the "best" plant, ear, or grain is that presenting in the most eminent degree a variation towards the quality ought. This may be the property of producing the finest quality of food, as indicated by weight per bushel, the lengthening, Bhortening, or stiffening of the Wheat, the distances between the ranks of corn, \&o. In reference to this question of the different powers of grain in the same ear, it seems that in former times an of the ear were most vigorons. It has also been recently suggested to me that those grains nearest the "centre of growth" might on that scoount prove
to be the best. This investigation as to the place
of the best grain I made in 1858 . I planted 10 ears of Wheat in the form of an oppened hook, the stem, and similarly upon the opposite page those growing upon the back of the stem, a vertical line op and the grains nearest to this lue on the stem itself, representing those which grow nearest to the stem, at which general result, among most conflioting ones, at which could arrive Was, that the smallest corns, throughout, most unexpectedly to me, a vigour equal grains in one or two instances did not by any worst fail so far short of the good ones ss I had expected they would do. I have since then repeatedly made grials of the comparative power of large and gmall, produce a smatl grain-and in the case of Oats, which to their respective powers with unformly the same reeult, viz., that in good graing of the game pedigree indication of the superior grain. Theoreticslly I believe that the power of vegetable growth in a grain is
dependent mainly upon the proportion of gluten which
it contains, whioh is also proportionate to its epecilo itravity.

THE AMERICAN GRAIN CROPS.
TRE crop reports from varions parts of the Ufithd this season of the year. The extreme fluetuationa at this nesson of the year. The extrome fluctuations have produced opposite results in diareat pla crops are To come to particulars, We find that tho crops are
very favourable in the New England States Nem Jersey, and New York; the hay orops in all theos States will be immense, and the cereals are in a prosperons condition. In Virginia snd Teunessee therd is nothing to be dasired. From the North-W esteru
States the accounts are more conflicting; but it appears that damages by the recent tromendous rainstorms are confined to s comparatively limited breadth of country. Whest, in Bome parts of Illinois, Iom
and a few of the North-Western States, has sufferp considerably. But even in the most unfavourabin
States the harvests-except in the unlooked-for event of continued bad weather-may reach last year'
average. In Miunesoth, whioh is now the ehie Wheat-producing Slate in the Union, tho supply will
be immenze. A harvest of fuil $20,000,000$ busthels of Wheat is expeoted. In Ohio, Wisconsin, Indians, and Nebragke, the Wheat harvest seems superb. Take it altogether, there can bo little doubt that the Upper Valley of the Mississippi, and nearly the entire NorthWest, will advance considerably upon last yearssupply. Yesult of the increased quantity of land placod under Wheat, If it were not for the drawbacks in varion localities on acco
be unparalleled.

In Californis the wheat has been already harvested and the yield, in spite of the drawhacks on account of rust, will be in excess of last year's supply. A grester Every effor is made to push the grain to market, or to entropso Oregon. Washington Territory, and the Paoifo slope generally, the avocounts are favourable.
The drawback to this farourable view is the indication that cora (Maize) will not much exceed hall produced injurious results. Nearly all the Westeme States have something to complain of on this account. A larger portion than uzual has beon planted in the bad result of the short crop el sewlere. Uausually fine weather for the balance of the season may proluat better results. But at the present time corn is in 10 unusually damaged condition, a fat whioh is
cientily attested by the advancing markat rates.
The Sonth will, undoubtedly, produoe more fool and in portions of the lower Mississippi Valtes inundations. Vast tracts of country hase been do-
 in excoss of last year's products. From all parts of Capada the whest and corn accounta are highin,"
factory. Abridged from "New York Deonomin.

## A VISIT TO TIPTREE

Terebr are few farms in the Tendring Hundred, of even in any other Hundred, or, in fact, in nay other that ever cragted so large an amount of interest or 50 much notoriety or celebrity as the farm of Tiptree Hall. For the last 27 or 23 years, during the time il has been in the possession of Mr. Mechi, it has been an exured so much, and in the presenctaily become one of the things worth seeing in thits country Foreigners who come over to Fingland to see all tho of signts; one day of their visit must necessarilf be of aignts; one day of their vinit must
spentin viewing the Wheata, Mangels, and arrioulf
machinery on Tiptree Heath. Even Garibaldi, w machinery on Tiptree Heath. Even Garibald
by-the-by is half a farmer at Caprera, pad by-the-by is half a farmer at Caprera, Most of your readers are atware that Tiptreo is about
rour mules or so from tho Kelvedon Station, sad although the road is some what winding, with se bourhood, are exceediakly bsflling to a stragose, the road is made exceedingly easy by the judicious erectree Hall Farm. When once the visitor has passed the well-known white gate and entered the avanue leadins up to the house, he feels as it were upon an encarias apot of land, and some visitors of a very It MLechu some Eastern Magi, who by the use of his divining and the usual hocus-poous of legerdemain, rransiold wet earth into dry soil, barren land into fertie pecks o and produces may quarso expect to see him olothed the seed. They may also expect to see timbols cabalistic art, a long white beard, a pair of cor But shell spectacles, and a black oat on his ahouldar portls genial, kind-hearted English gentleman, wh of his house es you arive up, and gives to all ha visitors a hearty welcome, so that the greateat sirant ten reels at home before he has been in his bawall from Yinutes. Farmers from Scotiand, from country are to by met at Tiptree-three gentleman came
from the extreme north of Scotland to see Tiptree, and
were pleased with what they saw, on the day wo paid our visit. There was also one gentlemen from Bristol, Who was a large buyer of corn, and who suggested that formers should grow a certain desoription of Wheat guarter more for it. The rest of the party consisted of gentlemen from the Tendring Hundred.
body else, a walk was nroposed round the farm, noteligent bailiff, Mr. Drane, leading the way, Mr.
Mfechi explaining, in his very pleasing manner, the
different results of his onerations and different results of his operations and experiments on
the farm. "Look Lere," said Mr. Mechi, "at this hot baystack, and what a simple process does away with all
danger;" it was simply an iron pipe pointed at one end danger,
and perforatell, driven in the stack, and a long piece of
iron piping, with an elbow attached, iron plopg, with an elbow attacher, outside the stack.
All the rapour or steam in the stack was drawn ioto All the rapour or steam in the stack was drawn ioto the cost of a ferv shillings many fires might be pre-
vented. Samuelson's reaper was doing its duty remarkably well. The Wheat was not laid at all,
consequently the reaping Waa easy work, and the result" was explained by Mr. Mechi to be due to thin sowing. "For." said he, "give a plant room to stand Wheat ho said, "Now, gentlemen, 4 pecks of seed there are 2 pecks only-as you are practical farmers, see if you can find out the differenoe. ${ }^{\text {s. }}$ They oould not nounced the 2 -pecks-an-acre crop to be the besti.
Taking the oertainly be 5,6 , and, with the Rivette, arout 8 quarters an acre. Tiptree is not Barley land, and livetta are generally grown instead.
It would be worth while for any farmer to go and one stalk and 54 pods can be counted; the land was certainly foul, but it had been twice hoed, at was expense of 18 s. per acre, and winter bean-land is
generally foul this year. Passing from the Beans to the Maogels, it was evident that a very heavy crop Globe and Long on. They were principally Yellow oxcept that here and there four rows were planted, but the heaviest crop of ronts from three rows. The thick longer than the fine leal with one tap root. There planted from a nursery bed of about an ach was transOats were light, and not at all a good crop.
Although Wheats are considered to be pexerally up will pay a good percentase on his capital for this sear. Will pay a good percentase on his capital for this year.
Consequently one might enticipate the result by oal-
oulation-if $16 \%$. per acre is employed as capitl per cent, profit, $476 l_{\text {. Would be the result, }}$ Misy such rewarded. The buildings next olaim attention: the butlock houses, the covered yards, the barn, enginebouse, dro.
the rails as they do on clean, good straw ; but Mr. Drane assured us that they did better, got on faster, and fetched more money from the butcher. If so, that yards must be good for cattle, as they keep stock warm summer; eyery farmer would be glad of such yards on his farm. A number of works are carried on in the sarn: corn is threshcd or ground, cako crushed, and Mechi considers to be has best servant on the farm. is.
he 5 sys, "steana power never tires: feed it well with coal and water and it will never give up." It is surprising bow much work that small engine doesthe liquid manure into the tank, and gain sending it ont on to every field on the farm, and for 22 yoars has
nover been out of repair.
The cart stables and horses are nothing to speak about; they appear to be overlooked in the general magagoment of Tiptree.
Tiptree should an opportunity of spending a day at o be learnt, and. Mr. Mechi is so frank and candid, most agreeably to impart any information, that a day is metter whether any one differs from him or sayy of his profitable. It is almost imporgument, which must be Samper, and for that reason he often gets the best of it.
innes Standerd,

## HARVESTING IN WET WEATHER.

The following letter to the Times well deserves a phactin an agricultural Paper. The writer describes a Waather as a means of ensabling the farmer to put his until thoroughly dry :
Bir, 1 am gratifled to observo by your article of Wedinesday
hant that you are giving your powerful mafuence in directing
the attention thet athat you are giving your powerful influence in directing


 chboucal and soap manuffotoxy at Widnoer in this nelghbour

## s

## minating in sn aperture on the upper side $\theta$ Inches square. In stacking the Beans, I placed a Back (filled with erraw) verti

 cally over the aperture above-mentioned, and graduaty, a the Hek was formed, I kept raisisg the sselk, and forming achimney of the same diameter, till within about 8 f
topt top. I then connected a centrifurgal fun with the end of the air
trough, and had it driven by two men polig fron which the motion was convected, by means of a atrap with a amall pulley on the fan shatt. I a oon pernoived
ovidonce of molature procceding from tho ricle, and in A Pow days employing cold air, and whth these insufficient means of
applicatton, the Would be utterly spolit) became thoroughly drifed, and was
thregbed out and consumad on the premisee. IW this or, by proference, bentod, would, in the latter case parti-
cularly,
render the agriculturist weather in harveating hif crops; and 1 have acted upon this
conviction when needful in my operations ever since the wet barvast of 1863 ,
called year I formsed four ricks of hay, under wooden covers thom, providen air trough running the wholde length undor lot on and out off the passage of air, and each rick having a rertical channel formed as before
dogeribed. Dne fick of this hay was mown, ted ded, and


 horse power, and the hay in each stuck (including the one has sold at the tull warket price of the day. By these mennas
the four ricka of hay were biarveatel with leas than one-fourtls
 threah it by ateam-power immedtately on cating it fromin the
fiold, without puttlog it in rieks. On conaldering the advantages of thia moode of drylng I erected an apparatuan consiating
of a double cylindor 8 feet high, closed at top and bottom of a double cylindor 8 feet high, clowed at top and bottons,
formed of porfuratod zinc piates, the outer cylinder belng 8 feet

 filterod through tho Wheat, osusing it to be brought quickly,
into a fit condition for rind
I have stated that


 pendent, of weatber in har
Halewood, Liverpool, Aup. 20.

## FOREIGN SUPPLIES OF MEAT.

THF announcement last week that cattle had actuslly zrrived from Montevideo was somewhat startling to graziers, and could not be received by landlords without causing some little reffeotion as to the consequences. There is evary probability that ere long We shall be supplied with larxer amounts of animal food from abroad. No one who appreciates the wast improvement made of late years in our means of transit can feel safe from foreign competition in eyen that peculiarly British commodity "roast beel."
If this is true, how far is it a cause for glarm
subject is difficult, but we do not think that eren the dream is fully reahised, a large importation evould be followed by a serious reduction in price. First, we should bear in mind that if the speculation proves remunerative, not only England, but every civilised cheaper source of food. Hence the supply will be diverted to many markets, and this will tend to preserve the balanoe of prioes. Another fact to be taken ioto account is that the consumption of animal food will be muoh inoreased, and this not only in Eagland, but in other countries. A large portion of our perple made will be a considerable check upon further reduction. Thirdly, owing to the inevitable changes of geason, we cannot look for a regular gupply of live gubjoin some additional information, from a reliable
source, on this subject:-

An experinient of importance towards solving the question as form the possiaticaly bobty boundless plains of the River Plate has been successfully completed. It was tino Republios and also the Government of Uruguay. had granted to an Euglish house the exclusive privi
lege of snipping live cattle frow those States for period of years, with entire exemption from all port instance a scualt frial woull be made of the the first the passige. It now appears iLat the steamer City of which bad been shipped at Montev.leo, and had beom
extremely thin. They were hurriedly shipped, without them, and the price poid that the vessel could take them, bat a contractor at that port offers to supply any quantity at 4l. per head, free on board, well prepared, and weighing not loss than 800 lb . each."

## Tanme Correspomidence.

## Thick and Thin Soeding. - Lasis summer a letter

 was written to the Times, giving an experience in this matter. The writer drilled 1 bushel of Wheat to the 2 buskels of seed per acre. On his recommendation I last sutumn sdopted the plan myself of sowing parts of fields with 1 bushel and other parts with a bushels, ust cut. No. 1 was grubbed out of Hops, whe conusticut. No. 1 was grubed out of Hops, and conwith 5星 bushels of seed, which is less than 1 bushel to the acre. The crop is a fair sverake crop, and nothing more; indeed, my bailif seams to think if there had been \& little more seed there would have beera more not in good heart, but fresh for Wheat. This was not in grod heart, but fresh for Wheat. This wasdrilled the first week in October. No 2 is a field of acres of excellent land and in good condition, and the crop is excellent, the straw for the most part being
6 feet high We drilled about an acre of the centre of this field with 1 bushel, the rest of tho field with bushele, as usual. I have inquired of my beiliff and of the reapers which part of the field they consider the best. The replies I got are contradictory, and I cannot
decide myself. No. 3 is a field of noor gandy land, of 87 acres, but free from Couch and in high condition this was drilled on the 8th and 9th of October. Oae acre is drilled with 1, and all the rest 2 bushels. Here, arain, we are in difficulty about which is best, but the preponderavee of opinion is in favour of the 2 bushels. My object is to invite discussion. Nos. When practical men find it difficult to decide as to Which crop is best, we cannot be far wronk in saying that there is not much cholce between the two. If one crop is much better than anotber, a good judge would not find much difficulty in deciding as to which is fions advantageous. At the same factory and by no means coavincing to those who have adopted an opposite opinion regarding the question under discussion. Thin-seeded Wheat may appear poor, and yet yield wonderfully well ; and the bulkier thicker For this reasson we wonld hand, measure up badly, in suoh matters to be used, viz, soales and weights both for straw and grain.]

## Societies.

## ROYAL AGRICULTURAL OF IRRLAASD

Tralpe.-The great interest now taken in the agriculture of the sister kingdom will be rathered from the
numerous aud varied liat of prizes awarded by this Soctety, by the wide range whence exhibitors are danqu, and particularly by the speeches made at the banquet by gentlemen high in autbority and of great infuence in the country. Englishmen and Scotchmen and specimens of almost every kiud of the numerous a Great Britain; whte Irishmen, although they for requently surpass bind in the agricuitural race, now requently surpass in open competition their more Channel. Our space will not allow us to cive more than the principal prizes in the leading classes. The ntmber of animals extubited we recorded last week. Besides tho classes for these productions there were prizes for small orcupiers, for dairy produce, for flax
and for poultry. The following is an abridged list of awards :- CaTTLE.-Shortновля,

## For the best Bull, calved on or atter January 1, 1804 , and prevtonn to January 1, 1867.-1at and Purdon Challengo Cup previonh to January 1, $1887 .-1$ lat and Purdon Challenge Cup. ECo. Meath, soveraign, by

 Hor the bost Bull, ealved in 1867 -list, E. Lyong, Croom Thornville, Wexford, by Frat Fiddle (19,749); 'd, T. \&andes,Sallow Glen, Tarbet, Royal Tudor, bred by W, Talbot Creshe, For the bent Bull, calved in $1868-1$ - 5 , E. J. Smith, The
 Baliywater, Clastletownrocbe, Coronet, bred by exhibitor, by
Uncle Ned (18,026); 2 R , Whatated, Lucky Lad, bred by
exhlifitor, by (Unclo Ned








## 

most happy if the animals I brought over will be of
any use jn improving the breed in this country Passing from this, I would syy there was mather im portant branclu of the show prallude to the machunery. I sals some improved specimens or rimperk calculated to assist in machines, and others-well calculated with the thea agricult raforence to improvement in suoh articles is a very important part of the work which ine soyery Agriculural Soclety performs, incent jmprov part of the country the most recent moprovement arricultural machinery, I may here observe thit When koing round the ehowyard I s8w one machin which I thought rather calcuated to asticulture. It is a machine which I bope is on good apriculture in this a ountry; but I must confess that on my journey from Kullarney to Tralee I saw a good many fields where that machine should be in operation. I allude to a machine for outidg down
thistles. I sincercly trust that the energs of the Irish farmers will soon render the sale of that maohine almost impossible in this country; teads of which frequently blow upon neighbouring farms.
Material Prospority and Progress.- -Now , gentlenaterial Prosperity and Progress,- mons, general matters, sud glapce at the general oondition of the country. In doing so 1 would refer to two point Which are indiostive of that condition-namely, the class or houses in which the agricultural portion of the population live, and the amount of their savings. better class of houses. During the terrible ordeal through which the country passed at the time of the
famine, and the large exodity of the population which Camine, and the large ex odiry of the popuintion which no diminution in the better class of habitations,
rather an inoresse, I sivcerely hope that the diminu rather an inorease, I siveerely hope that the to minureport of the Census Commissioners will oontinue, and that they will altimately disappear. The reports of the Commissioners of Public Works give some
small indications of the change that is going on in that respect. In 1859 an Act was passed to enable pro prietors and farmers to borrow mouey from the Bocrd of Pablic Work for building rottages whif it was amenned, when a slort fet was passed not only for ble building of cottayes, but for alterations and improvements. The amount so adranced was not very large. but it hard been in-
creasing. Since the nassing of the Act there had bern expended for cottages over $50,000 \mathrm{l}$. I confess I should like to see that greatly inoreased, for nothang is 60
important for the country. When referring to these improvement, it is satisfactory to find that there has
been an inergase in lons for peneral improvements,
 Inkely to amount to son, will., making a tutal already
horrowed for the improvempent of agriculture in this country of over 2,0ke, mol That is due partly to the idea whicl Partiament righly entertains that they may lend moner to advanee so ureful a purpose an amotut of publice spirit on the part of proprictors in this country. I see in thas county an ade vo pro3000l, and in the county of Lrongford a proprietor 1 yoing in for a loan of $15,000 \mathrm{l}$ for the improvement of his estate; whereas, in the North of I relan l, two proohject. I think that 1 s a very satisfactory sign with regard to improvement in tho geveral con-point-namely, the areount of savinga in the banks: I am happy to find that the amounts of deposits have largely increased this year, and close on 20 millions sterling has been deposited in the joint-stoek banks in this country, and this year a oonsiderable inerease is likely to he made. Such deposits largely represent the sayiags of now refer to one or two in the commamity. I would statistics which I have been enabled to procure, owing to the excellent arrangements whioh are mede in respeot to live stock, I see that thisal yenre there is a oonis a diminution in the number of sheep-over 250,000 indicative of my sreas dear. I do not think that is country ss regards sheep, for the last year thero wes an was pre or over a million and a half, hut that increase that from the part of Dubbin alove there was year fucreased export nf nearly 81,000 sheep. I think, therein sheep this year has not very mued dinubue country increase of sliepp in this country is a signifimed. The for since 1811 , the first year of tho Rosal Akricultural sociens to have doubled. In sheep in the country would and in the present year 18.11 there were $2,104,189$,
 calla for patitioular remark. The number of cattie remains the sam e. There lus heen $n$ slight increase as

Emportant measure wheh has helpailtiong on an Enkland and Scotland-I allude to the Bull providiag agame length an. On a former necasion i spoke a some length on this subject, but the importance of it That gill mimplifies the various again alluding to it.
preumonia. That 18 a very impurtant inatter,
well nothy your attention. You will consider whether some stualar provinou should not be apphed to cather un this cuuntry. Nollung could be more unportan than legilation with the view to the prevention of
such diseases, and the farmers of Englaad and Scos land forced furerrment to introdure a measure of this sort. It must be the interest of the farmers in Irolnad
to do likewise, for in this oountry to do likewise, for in this oountry, where there sro so
many small farmers, the loss thet would result fommen contagious diseases would be almost ruinous. The tonant-farmers of Ireland have not the same means of separating their cattle as the large farmers in Enas ond
and Scotland lave. I earnestly Dope that on the inter duction of such a measure next session it will recoito the support of the Irwharmers.
Pigs, Grass-land, and Arable Crops,- With regmend able jncrease in Irclang to find there is a very considerprosperity of the labouring classes. comes to maturity. It is easily kept, and is the best stock tur a poor man. It sin lierefore batiafor and if the iscrease goes on we shall very soon arrive at the highest figure which the stock of piga ever attamed in thas country. I will now pass from these statistion Rogistrar-General, I allude to slatictic: whoth refer more particularly to arable land. It is sometime thought that those who hold prize cattle are in farone of increasing the Grass in this country, and dimaiza cattle should be increased in this country, but I do not believe it need be done at the saorifice of tillage lend In this country, which is dependent on agriculture, it is of great importance that the amount of tillape had should be kept up to the highest point which is essential to agricultursl progress. I have notioed in the best grazing laud without finding some aganass it equally in erior in quaity, and Leicesterghire, and the modern improvements in farming lave converted estates which were entirely believe that is the case in Ireland as well as in Englend and anyone who travels about the country will sees adsuntate bo turned into talake land.
Irish Produce. 'To prove shat I say, I would allude
to remarh; tado not lonk ago by $a$ gentleman well to remarhs rado not lonse ago hy a gentleman well In a statement he made before til a slatistical sooiety in Dublin, lie compared the agrieulture of Sootland and
Ireland in ths respect, and tie reanlt are very remirk. able. He showed that in 11 years, lict tween $180 \hat{\prime}$ and 1888 , in Scotland, though Wheat had d minished by 18.007

 the uncreare of atuck does not berar anything like the same proportion as the increase of stork in scotand
That proses what I sas It m not necessary to have That prospo what I sny It le not necessary to have
derrease of tillage. If 5 ont cmin incrense green crops and artuti, alal arases 3 ou $\$ 1,1$ find immedse bedelit from th quite in the right direction. Thereas an incresso in Flax and other arable cropis -an increase of 0000 aoren With regard to Whent it is remarkable what free tnd bas done 10 Ireland There is no doubt that Whent better grown in other erountries In 1817 there wer 281,117 , showing a considerable ioss. It does not follow that it is necessary all arable crops should increase, bul in Scotland, notwithstanding the deoreme ia Whenh there is a large inorease in other orops. In this country there is a considerabla incerease in Barley, mban in ill decrease with regard to Oate
Trish Fences. -There is one point which I thint every stranger is atruok with, and that is the peontity character of the fences in Ireianulture. Every peran who had the pleasura of hunting near Dublan holed with horror at the gigantio fences. There is dyke separating the field from the bank which There are gentleman here who tremble 15 tho Fadd appronching nome of these larae funces,
who are ready to drug out the unfortu falls on the other side, and they go b for such large fences, or why so minch land should be taken up with them. I made some noury froms 1 l , Baldwin regarding the excellent 1 astituthon trequents the Model Farm, near Glasgow, which I freguence
visit. I was told the amount of land which a fence mocupies on that farm, which is 108 acres in axteut The Education Commissionerslevelled 13 a and it was found that 3 acres of fences would bed 6 pot cent. of land on their small ares. On saelphbournas farm of 81 actes in extent 7 aores wh fanoem, and 8 per cen

II Irelanis to dimitab those large fencea. I have now
that the Agrioultural Sociaty has hed a Jarge ghare it improvements in the oountry, but I have also showh there is atill great room for the operation and energy.
Landlord and Tomant-My lords and gentlemed, I bave eareftilly followed the rule whul is inyarible of politioal moment :
nding of improvements in agrioulture in this country there comes up to the mind of everybody present mblect now octupyng the attention of politiclans, soce of enoouragisg confidence betwaen landlord and
 bare infuence in the country to come forward to mee inis difficult subject with fairness, mpartisity, and
nsitce. There will be much discussion on what shoul wist.ce. There will be much discussion on what should
bedoe for the setulement of this question, which has been so long agitated in this country. I would implore all who have an interest in it to approach it with mpartiality and farriess, and, above all means, to dis-
cuss only what is really practicable. If that is done, I jook forward to see this diflicult question satisfactorily attied. After congratulating those present on the
eroedlence of the harvest, which was about being aroellence of the harvest, which was about being
athered in, his Fixcellency resumed his seat amid loud ıpplause.

## royal norti lancashire.

TER annual exhibition of the Royal North Lancashre Agriculcural Society was held at Burnlov last scarlett, near the Bank Top Ral way Slatiou. The shom was held last year at liverston, and the that
fotries thi. year were, meluding implements, 2062 , spanst 20 in 3 last year. The stock sliowed a greit mere 175, against 169 last year ; horses, 173 , against 174 ; sheep, 249 , agannst 285; pigs, 20 , against $1 \bar{c} ;$ poultry,
238, against $223 ;$ roots and speds, 123 , againct $101 ;$ oheese, 22 , against $6 ;$ dogs, 306 , against 27 . It Ulver-
ton, lust, yenr, thers were 861 entries of implements, sainst 681 at Burnley this year. The show of oattle Was of a first-elass character, and many of the animals ged buls there were 15 entries.
Mr. Brierley's Bolivar was again suocessful in this as $2 d$, whelh, although not a prize getter, was highly remommended at the Royal. Messrs. Crawshaw and Royal but, pot uo prize, obtanned the 1st prize in the --year-old bulls The class of bull calves produced some good specimens, hut the judges had not much minals belonging to Colonel Towneley and Mr. Wiliam Slye I'erhaps the class whech attracted most attention, aned cows The lat prize animal at the Royal was not ared cows the 18t prize animal at (he forat Was not
present, but the $2 d$, Lady P.got's Queen of Rosalea,
obtained the lat here. There was a very close ritn present, but the
obtained the 1 st here. There was a very close rum
between Lord skelmersdale's red and white Cherry and Mr. Adam 1)ugdale's roan Kicut Clicrry, but the padgea nwardel the prizies to the liot. In the it lass nlan Lantuter.
The agricultural horses ware distinguished by very Briesley were models of symmetry. In the clase of brood mares, a fine roan mare, 10 years old, shown by animal, and obtained the 1st prize. The same gentleman also obtaned the 2 d prize in this class. The class of nares for breeding hunters included some very fine animals, the first hooour heing awarded to Mr. William
Roberts, of Burnley. The class of thorough-bred sta hous, although not of averago merit, yet produced several tirst-class specimens. Mr. Roberts, of Burnley, obtamed the first honours in the class of yearlung colts, not of a first-class character. The prizes for yearling colts were not awarded, for want of merit, The young agricultural horres generally, wero of high merit.
8heey were a very meritorious class, and some very tine specimens were exhibted The Leicesters, athough
not a numerous class, contaned some animals of very high merit. 'There were some fair spectmens of Shropshire Downs, but, generally speaking, the class was not brong. Lionks showed remarkably well. The gilver
cup, value 10 gs , given by Mr. R. Staw, MP. for Burnley, for the best collection of Lonk sheep, not less than wio in number, embracing both sexes, was taken by Mr. Joseph W Greeu, Keiphley. This gentleman
also carried of the silver medal for the beast yearling also carried off the silver medal for the beast yearling
ram of the same breed. There was only a small show of pigs, Mr. Same breed. There was ony a small show
of Salford, being ats utaal sarge and successful exhibitor.
to the tocial prize of 1002 , offered by the Farl of Derby, iprards of population, that shall adopt a s,mular istem of sewerage to that carried on at Welingaton
College, Sandourst, found no competitors. Colege, Sandourst, found no competitors.

The above remarks and the following principal prizes CATTLE. -Smorthonns.


 Thogarea' old Heifer - Rev. I., C. Wood, Síngeton Lougo
 Hevier Calf., Lidy Pigut, white, "Mumelina 2


Bull, above one and under two yeara oold.- list prize and
pecial Medal, $R$ Thompson, Mythop Lodze. Blackpool, roan,
 Cow in Calf or mik, laving bad a Culf, and nbove thro,
 "Princoss of Wales" $\begin{aligned} & \text { IIeffer Culf -J Farrer, Thorneyholme, Burniey, "Lady } \\ & \text { kent" }\end{aligned}$




## Skipton.

HORSES
AgricuItural Stallion -TJ Edromidson, IIonghton, Entwistle,
 Stonyhurat College, Whalley, Funa.
Pair of Draught or Agricuitural Horses, above three yaars




 learlms colt r Filly for

## sifeer.

Lefceator Shearling Rim.-T. H. Hutoblson, Manor House,

## T.icester Rum.-T. If futchison.

T.ll 13. mk, A spitri , Cumbererland R itn of the white fired long woilled not Letng of tho delcestor breed. - John Pinder. Waddington, near Clithoroe.
Slearlug Hani, Suropshire Down. J. H Keirnc, Holleth,

## Laneagter Rum, Shropebire Dowa,--John Coulthurat, Gargreave Rouse,

Skipt in York Lire Wm, Milageles, Birkett, Newton, netr
Ram, linnk -Wm Migeley.
Rasn of any other breed, adapted to a mollatain distriot. daume or bryw, Winderiuere, Herdwlok.

PIGy.
Best Bonr of the large breed, , any age - Peter Edon, Cross


##  

## This show was hell last week in three fiel is belong-



entries were about lol in excess of those of lest year.
The fotal number of entries was 825, inclading the implement atands. Of this number 50 were of cattle, 51 of sheep (in pens), 47 of pirs, 242 of horses, ponies, entries. Of poultry and pigeons the show was varied, and innluded some splendid specimens.
The show of eattle cmbraced some remarkably fine sperimens of Durhams fitmous bree -the Shorthorn. showed catalogue the names of womont whom was that of the noble owner of I)unrombe Park. Sinmularly enoush there wis not a single anamal shown in the name of tho celehrated Bootha, thoush no doubt representatives of the Warlahy and Killerby herds were amongst the ranks of competitors. The 1st prize for a
bull of any age was awardel to the virtor at the Royal show of this yenr-a sulendid roan, the Firl of Derby, belonging to Mr. Wiley, Brandsby, York. The 21 priza tinner in the samo clase 1 salso an animal of Stapyiton, of Myton Hall, and bears the approprate name of Lord Wetherby. In the class of butls under $t$ wo years of age Mr. John S. Jordan, Elmealh, Driftield was successfinl in carrying off the chnef honour with Vestor, whose stmmetrical proporbons wers muah Nestor, Whose symmetrical proportoons were muot admared. Thas was the second saccess of the year, the rhatull calf under 12 months wheh carried oft the prize is a beautifully- pronortioned animal smoh an one as Landseer mizlit love to place shoh an one as canvass, and belonged to the Eirl of Feversham, on canvass, and belonged to the Eirl of Feversham,
who also took a lit for Colonna, a pretty heifer, who also took a lst for Colonna, a pretty hele Lady Vialentine-in the rlass for cows or belfers, abov tbree jears, in call or milk was been a most successiul animal, having taked prisas at solby, Bridington, as the best anmal on the show ground. She is the ahown.
The first prize for aericultural stallions was won by Mr. Rd Cole, ( embiug, Lowthorpe ; and for brood
insres with foal at font, by Mr C Ifeadey, Cloughton, S arborough. In the special prizes given for the be
nunting pelding or mare of any aga lisian $13 n u$, of Killerby, carried of the s.lver mpp given by the bear-nid liunting mare or gildiak, was wha by Mr
Jas, Dartell, Ayton, Sherburn; hat gavea by sir Jas. Darreil, Ayton, Sherburn; hat gaven by Sir
Haroorrt Johnstona, Bart., M.P., for the best 4.
year-old hunting gelding or mara, war garried of by Mr. H. Jewinnin, of R aidhorpe, Tork, that given by the vice-presider $G$. Holmes, Bar Houve Bevarley,
or mares, by Mr
with Privee Charleas; and that given by Mr. F. A.


Milbank, M.P., for the best ladies' haokney belding or mare, by Mr. John Crompton, Thorneholme, Burion Agnes, Hull.
The show of sheep was not large; gome very fit animals were smongst those shown. Pigg also ware
small but good show. There was a very large show of poultry
The following is a return of the principal awards:-Cattle.-Bhorthorne.
Buth, any ago.-1st, 3fr. Wileg, York; 2d, Major Btapylton
Myton Itali, Bull, Abore one and under two years old-1st, J. S. Jordan, B ill Calf, under 12 montha old-1st, Farl Feversham, Dun
coralje Park, Yd, W. Jinton, Sherif Hutrn conle Park, 3d, W. Jinton, Sheriff Hutton.

## suEEP. -Lencesters.


Swaldkitk.
Fen of 3 , Shoarlang Rams,-1st, E. RHog, Boverloy; 2 d , J. J. simpson, Irunmaxby

Bour of large breed - G. Chiss.
 Boar of Bmall breed.-ist, G. Mangles, Ritpon; 2t, J. Thompson, Bearborough. Yis or Mllk - - sstand 2 N , G. Chapman

 Chapman, starborough.
of small breed, zot oxceading 12 months old. -1 st
le York; 2d, W. Rudadale, Yarn. S Earie York; 2d, W. Rudadale, Yarm. 2d, G Earle, York
Cottager's prize (store pig), the property of a cottager or
B. working man -1st,
Berryman, Sierburn.

## HORSES.-AORGCLIURAL

Stallion-lat, F. Cole, Lowerthorpe; 2d, W. Slmplin.
Burton Acnos.
with Fual at her foot.-lst, C. Leadleg, Scar*
Petch, Schrlu,
borough; 2 d . J, Petch, Searlurough.
Yearlitg Gul ing or Fuiy -1st, J. Kirk, York,
Two Gear 1 d G.lding or Filly.-15t, E Smatb, Bridlington 21, E. Cultas, scurborongh. Fally -let, J. Crompton, Burton



MIV(IIEATFR AND LIFERTGOL AGRIUULTUHAL
I'fe ('hatratis, in colling attention to the out-
 Oht the
Oounoil. which had the power of declariag the farms on and in prohibitiones of root-and-mouth drease, there Fas a on which it oreured. The foot-and-mouth disern had broken out in Tatton Park amongst eattle which had not beon in contart with other anmmis, and he was tolid that it had also occurred at lyme, but he had not tho slightest idea how it had originuted. Ho had not heard of any esse of pleuro in his netghbourliood, but he was told that there was a great number of coesea in Broxton Hundred and that part of the county. The Cultiration of Farms,-Messrs, W7. Rothmol] been entered for the Soclety's premiums whod prisen reported as follows
to We have ploasire in saging that all the clafmes zubmitted

 aided us in mriving at a deciston conformalis to ita intention. Olaimants In the high-lying portiom of the district The farms of a totaliy diferent natural cbaracter and pooltion, ask managed with gre it okill and enterpriac, amd it has required minute and comprehensivecriticism to lectde which was best. In nuiseding the prize an we live done we placed before our
minds the atandarit of cecelienee to which we engeived tit pussible for hoth to nttain, and then compared them with thit






 not better herro thcir employers that by joining in chape-
tition, as we belfeve that the leat stimulus to entergrisa and porseve




 our farm crops this your in the clistricts wo bave visited, wi
report them a full avervige generaly, Grass has becn plentinl,
 The best



Bebt Cultivated Fabmg gituate in the Low lyino

Mo the tenant nnd occupie
under $150-81$. Mr T. Wulliampon, Linasere than 100 acros, and
 To the tenamt and occurier for the lest mannger dhiry or
grazing farm, of not less than 200 asres. $-10 l$, Mr, Thomas Kerr, Knotty Ash.
To tho tenat and ocelpier for the beat-mnnaged dairy 0 grazing farto of not less

Myst Cifivater Firnis in the Himi lityg portion

 The pryiflege of conpeting next year
To the tenant and occupier
To the tenant and occupier of not less than 100 and under
150 acres. -81 . Mr. Shutulewortb, Prestwich.
Draining, ofen to the whole, of the Societs's Dimthet. To the tenant and occapler of not lefs thnn 150 neres, who
shall drain the greatest quantity.-St, Mr. $T$ Wariurtum, Bhan ars.
Botho
To the
under 150 , who shall drain the greatest quantity -61 , Mr.
To the tenant and occupier of not lesa than 70 acrea and
norder 100 . who mball draln the grestest quantity.- 1 L , Mr.


## 

 Not less than - acres lat ansin for mans init on f farm of not 150 ncres, who shail tay down in tho hoat manner tor mowng
or pasturnge not leas than 10 neres. $4 l$, Mr. H Nielf, the or pasturnge not less than 10 ncres, - $4 l$, Mr. H Nielf, the
Gravge Worsel 3l., Mr. W. Carv

## Farm Memoranda.

The Habvest in Kent.-Reports from Boughton Monchelsea state Wheat to be below an average, but
secured in fine condition. Where thresking has already taken place, the yield is not up to the estimate. Oats are short; not more than two-thirds of an average. Beans above an average. Peas about an average.
Not much Barley grown. The hay crop was very Not much Barley grown. The hay crop was very stacks of early cutting. The fow roots grown are very
fair. Hops : some tolerably good, some very bad. According to present appearances, the quality on the clean bine will be very
Nuts a pretty pood crop.
In the peighbourhood
not very good. Threshing having commenced, it is
found that the yield is bolow the average, and wheat

gelding more than 1 quarter of Whant to one load of
straw. Oats and Barley but middling. Peas and Beans
a soort crop. Tares almost \& farime. Swedes and
Turnips a fair plant, hut now suffering for want of rain
The Hops are a bad crop; there will be some good bright Hops arown, but the average cannot bo moore A correspondent frone
What I have scen and benn enabled to collect, I in this neighbourhood:-IFops : very the of the crops grounds severely blighted, others parlially so; some a of Hops, planters differ mene. As regards the washing henefit, othersalittle; some, however, speak well of no and both qualuty and thaw muldewed to sume extent, though that wassan exceptional one ; this year will fart crop of average. Oats and Benop partial ; not a full crop. Clover a short, peor crop Hay an extraordinary the dry weather, small. Filberts a presty nood from Potatos not blighted, and yield well. We have had no trial this year, as blight has ever followed heavy rans When the Potato was ripening. With regard to
Turnips If ear if the dry wealher continues they will
be a Turnips I fear if the dry weather continues thay will
be a lailure; they grew well at first, but are cadly
suffering for want of rain. Mangel is going on pretty
Tie ILarvest in Soumi Durhayr.-The weather continues to beatatituly fine in South Durham and North Yorkshire, and the harvest is becoming very general. A largo area of Wheat 18 ready for cutting, and within the pext five days a dreat amount
of work will be done in harvesting. The crops aro very excellent, and Wheat seems to be a good average Tho Turnip crop is rery good.
Hor Prospects,-The following most favourable reports of the Hop prospects appeared in the Maidstone
Journal of the soth ult, and are confirmatory of others Journal of the soth ult,, and are confirmatory of others, which we have not space to pive at length. The recent
hot weather has exereised a beneficial action upon this crop-
Maidstone

Ifaidstone and adjoining Parshhes. Aug. 30 -Since our last report, the IIops have made great progress.
The principal gardens will commence picking within a week or 10 days, whule those that are sluwht and bad will not be preked tull a month's time. come out fast, and are now looking tolerably well. Picking is expected to commence in a fortnight.
Bearsted.-Since our last report, the Hops have done exceedingly well, even where not much was expected of them. In, this noighbourbood there are some very good pieces, whioh will produce from 10 cwt .
to a ton per aore, but the gross average will be much smaller.
Brasted and Sundriulge.-The warm weather has caused a few grounds to mprove, and theso will grow a moderate crop. Tuere is but little mould.
Cranbrook. - The weather has been forcing this weck, and a general improvement is observable in the
Hop grounds, many of which are now in full fower, and look extremely handsome. Our crop will be larger than was at one time thought possible.
Farningham, August 28.-In some grounds there is a prospect of a moderate crop. No appearance of moula yet.
Hops ins, Warehorne, and Kemnardington. - The the week ; average, 3 cwt . jer aore. Picking wil begin in a fortnight.

Sution.-Since the warm weather set in, the hops are doing better all round. The average growth is expected to be about 4 or $\bar{J} \mathrm{cwt}$. per acre.

Hesterham and the Fale of Holnesdale.-Since our last report the weather has been more favourable, and in a large number of plantations the burr
into Hop, but in others it is at a standatill.

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Poultry Preding,-One of the principal argu-
ments urced acainst poultry-keening in peneral is the exfenve fi hrep. It is trne whero
purchased for the consumplo
accotant-book dues, for certan montlis how the show a lalance on the wrong sile; but then must be remembered the months during which, at the same cost, the birds "ere valued producers, and eygs and fair trial from the early days of the Cochin China fancy until now. It will be remembered by many that, when in these birds size was fighting against symmetry for the approval of the judses, anything, unwholes. nid growth. Rosed to induce the already large birds to eat more and grow bigger. We knew of one arden fancier who hung a bell on to one of the perches on
which his Cochins roosted, and was in the habit of goinh into the poultry houso the last thing at night Fith a dish of hot food in ono hand, and a bull's-cye lantern in the other. Placing the dish on the ground he used to turn the light on to it and ring the bell The burds soon got accustomed to it, and without
waiting for the bell soon got to know the gleans of the waiting for the bell soon got to know the gleans of the
lantern, and when the door was opezed oue would see ali the heads at once stretched out awating the dish. By this, and many other contrivances, size was attained but at the expence of quality, and at the cost of many
ralubble birds. Dissection told in many a case, where a positive or promistng, prize-winner bad seemed dall stimulauts must tell. The gizzard had worked as lones it could, and when the orilinary grit woukd no longe
triturate the unnatural food, the poor bird in oxtremity, had picked up pieces of orockery, iron, l lass, nook the lesson to heart; and if our Cochins are not certainly bardicr, anl conscruently more useful There ammers now nain a tendeney towards meat freding for our poultrs. The expertence with the
Cochtns should teach us Let ail good as can be procured, the diet as varled as posible but varied only in grain, meal, and green-ment. Hore burds suffer from excessise and irregular feeding than rom slort rations; and where, from confined space, or fowls bo fed, from a pan, never let tho food stand by the pan as soon as they have tolerably well fed, take a bealthy and easy digestion, preparatory to the next feeding time The lrench, whilo perfoctin the cramming ss stem for their fatitentiza poultry, feed their stock birds very ditferently, and any nue who has attended the primcipal concours anycoles where the best burds meet, may have noticed the attention they from at the hands of their mulner or bonne. Differing feeders have conatanti accang to thents, the owners and shows. Farly in the morning they may be seea giving
them a hearty feed of sopped bread or slaked menal the course of the forenoon a lettuce, or bunch of
oresses, or bandful of grass or clover finds jts way in the pen. During the afternoon a handful of maize brank or barley, and possibly a little hempseed is thrown in, and at the close of the day, if there be a
little more breal or a little more meal offered, is duintuly pioked over by a satisfied bird, who may say with the epicure who teasted on potato salad-

## I hava Fate cannot to day."

The First of Serresiber-On Wednesday last all the topics of the day paled before one-and tha
one was partridge shooting. With the frote day September comes a very emoyable season to a grea many of us directly, and to many more indirectis Thousands to whom the moors are as inaccessible the Antipodes, arrange, and work hard for months, obtain a fery dass or sometmes even only a day partridge shooting. Sons in business in Iom lon bring down flicnds, Men invito doss friends of their youth. Some Iet thetr shootiugs and make friends of
 thought of a partridge for a change; and we wish him friend to kill one for him, and a yood appetite for i when he gets it.

The following answer to "Coney's" inquiry has boen roceived:-Is it not possible your correspondent' rabbits hive access to porsonous 000 . 1 hare knots one-sixth part of Oats ; this was given in the morning and a meal of sound waste Cabbage leaves in the afterand a meal of sound waste cabiage leaves in the after-
noon. The food was little varied, excepting letting the noon. old rabbits have a litte malk to drink occasionally, and they all kept in perfect heaith, but wo
thing, inciudidg painted wood. $E$. $O$.

## Miscellaneous.

Food of Morses.- Fo ar borses in the south pilat South Hetton Colliery had placed in their reapective mangers, $9 \frac{1}{2} \mathrm{lb}$ of Oats, and 1 ll . of long hay in tha eribs by the side of the mangers. Four other horses in the same stable had tho same weight of bruised Oate placed in their mangers, mixed with 4 lb . of out hay, Ihis was done before the horses came into the stablee from work, so that each horse commenced eating his food at the same time. The four horses, with the Ost and long hay separate, ate up their food in ths
following period:- Ist horsa finished his 0ath following period:-1st horse finished his Oath $3 d$ in 61 minutes; 4 th in 46 minutes-total
303 minutes. I'he four horses with bruised Oats nd cut hay mixed:-lst horse jinished his food it 61 minutes; $2 n d$ in 5 m minutes; $3 d$ in 7
minutes; 4 th in 39 minutes-total, 245 minula as in genera. averare, tatre bemg taken to get the same herght, and all with a common aperage appetito, we see that the diferance in the time orden 40 miautes in favour of moxed food. i horse la hands 3 inches high secretes from the parotid gland nome, during active mastication, about one of aloyists, the other three pairz of sal
the mucus glands of the mouth, are sunposed to secrete nearly four times the cuantly making in all sbouk four gallons of saliva to be mixed with the food of esch orse daring ono hour's astive mastication. lu tubes leading from the parotid glands divided on el ide and so fixed as to throw theur contenta into pbse beld for that purpose; the animal was then fod apon aats. After fasting six bours, the amount of secreted rom the two tubes was halt a gallon in thirwanatio
 sith the Oats, each animal liad, 10 the before-m the experment, $\overline{3}$, pints of saliva mixed with the sam weight of food more than those which had their of the aud hay separatert. We consider thas to be one of ting most important mbantages obtanned by onting
brusing, and miximg the provender; for on on ly tho fork threcfold more easily digested when 80 masimcated and muxed with saliva, but we think the anian same waight of fon 1 . 'The ammal's stomach it were not so well masticated and mixed w th the flugs digeated mouth, and all propender not thoroughy
imparts but little of its nutriment to the body, mportance of
pronenser mixed together, cannot be too suowle kept in as pood a working condtion, doing the sall = bushela) of Oats, two stones of Beans, one shat of bran, seven stones of hay, and one stone of sat per wrek, if bruised, cut, and mixed together, of ha fiven unbruised, uncut, and unmixes, which

## B boll of Oate, at Beat ame per boll of 2 buebels

co f hran,
cs cif bay,
of atruw,


Bupposing the above table to be correat, it would Mina difference in favour of the mixed food system \& Fonth Hetton and Murton, with the pressht number reapitulate some of the principal advantages derive fromp the plan of feeding, as adopted at south Hetton and Murton Collieries. 1. The animals' provender is better masticated and mixed with the fluids of the more nutriment obtained than when the Oats are given Whole, the hay unout and unmixed therefore, a less girintity of food is required. 2. The state of the the provender is otherwise given. In 80 average number of 220 animals, during nearly four yera baviag only a virased 0.45 per cent., which is nearl brienty times loss than what occurred at East Hetton under the old plan of feeding, and whech is more than No bay is spoiled in gome down the pits, in the workings, or under the aninals' feet at night. 4. Horses do not cat less hay by its being cut; where the advantage is gained is, that the animal better by being mixed with cut hay than he otherwise gould do The ouv suta effected by cutting Fif into chaff is, that which would be wasted in going down the shafts, in the workings, and in the stables ndeast 2 ho fors feet, which we believe would average ateast 2 lb for ench horse per day. This waste, in an 72 lb . per day, or, taking hay at $6 l$, per ton, to the very arge sum of tow. pereral good health of horses is portance for bine general good establishment to use variety of kinds of rovender. We usc at Suuth Hetton Oats, Beans, Peas, Fan, Barley, Tarek, Luseed, old and newh. a ay, greeu mical point of vies, it is very important to regulate the quantity of cach kind of provenaer according the amount of labour the sinal Thus, if the pits are working eleven days per pay whid be largely given, and less Oats and straw; and, nice dersâ, when the pits are working only seven or eigh days per pay, the Beans, Peas,
decreased, and the Oats, straw, \& all cases where horsea and pobies are worked extremely hard, nothing would be more economical hati to omploy a person to give every animal a feed of corn heir work,-- Mrr. Hastley before the Netocaotle Farmers Club.
Tenants and Game Preservers. - Recently, at the
 darmages on account of arties. Who rented the game under the Duke had made against him. Tickors of disturbing the game by dogs and other means, also of instigating other tenants on the property to do the same. The consequence was \& discharge rom in action, and WRas successful in obtaining a verdict The libel was in the form of a letter from the associated gentlemen who leased the game to the agent, in which was represented at sonue leugth the iniury unficted on reme by. Diokons and his dogr. that the ras principally based on the assumption tiat lie lette was a privileged communioation, and the learned judge appeared to lean to the same view. The jury, after two hours' deliberation, came, after some dimi unanimous decision in favour of the plaintifil.
Maize Food for Horses.-It appears from the report of the half-yearly meeting of the Londo General Omnibus Company, that Maize has been used by the company durung the last half-year exclusively, masting results which attended the use of Maize as provender in the previous half-year induced the director to adopt it still more extensively during the past half year and at length to substitute it entirely for Oats. During the summer no other corn had been used for Oats effected a saving of $14,172 l$, in the half-year."

## Caleniar of operations.

Sbptember.-In our northern counties this is generally counted harvest month. In early seasons much of the crop is cut down in August, but in late ones the work of ingathering extends into October. Harvest operations begin in Sussex abouthness, there being a difference of rather more than a month betreen early and Jate seasons. Hence the bands of Irish reapers, What make their appearance in the south of England return home from scotland.
in elevated districts than in low ones, and the difference in mauy places 13 greater than hat dut Cromarty Thus harvest is carlur flong the shores oratf, Aberdeen Kincardine, aud Fife shires and the more elevated counties of the Torth of Englend Drannage and mproved cultivation, including manurnos a bave advanced the harvest folly a month a too overy county of the kingdom. break aud become fickle about this time, so that September is more partioularly characterised by the bove differences than its predecessor, more especialy in late districts where Oats is the primespal crop grown, and which in bad seasons is often prema North the farmer's weather-glass is consulted with an interest not known in the early onse of the South
part of the month is 日ometimes attended with ${ }^{\text {a }}$ the stook and heat in the staok. Small sheaves loosely bound is the best protection, being less liable to and the stacks, whether long, on the English phan, or round, on the Scotoh, should be built on elevated stands, with lepen in airs. and let in air.
auckuheat, in fine seasons, will be ready for harvest towards its close. As the plant flowers and ripens its seed first ripened seeds begin to shed. When cut it is left in loose buadles till the green portion 15 dry, and should be turned genty once or shod the seed. The bundles may be bound up and stacked as Turnip seed but it is more common to thresh out the seed, and

## tack the straw for hitter

Fop-picking is due this month. When grown on poles, the general practice, the lines are cut about 2 or 3 feet from the ground, wheck allows the loaded poles to fall over upon a table or "bin." If equally ripened, the Hops may be bagged as one qualtity, but, if otherfise, they may be divided into three quaities In the picking, -the dark, or over-ripo; ripe; and the green. The Hops are next taken to the oast, kiln-driod, and put in pockets When cool. FIne ew in ther in picking is essential tho slightest damp injures the flavour or bitter prinoiple, thereby reducing the market value of the crop.
Afternath-hay, or meadow-hay farms, is made during the month. The practioe 18 similar to that of weather and greater succulency of the Grass-and the softness of the hay and increased liability to overbeating in the stack. If, however, the weather is fine, the mowing and liaymaking machines now in use soon brine the crop jato the staukyard. As the G rass may be allowed to grow for a short time without sustaning comparatively any harm from runang to scel, the mowing machine should never be yoked in wet or insettled weather. However, the crop should not be allowed to grow so rank as to become blanohed makes fine forsme for soiling milch cows and stock generally; and as much of the aftermath should be consumed this way as practicable, the crop being worth more when green than when made into hay
Seed Clover is very generally hervested, in early seasons, about the beginning of the month, and the later ones towards its olose; the crop having beer nity of flowerng and ripening The crop may be out The former if sharp and outting well, ellecting less the former, if sharp and outting well, ellecting less he alor porata manual libour Chan by horse mashines, it the mower earcs the side is dry, should be gently turned as direoted in
making Clover-hay. In fine dry weather the crop is oon ready for the stack or hay-barn; but in wet ansettled weather the harvesting of aceatiog and mouldiness.
Pernanent Grass.-Lay down land as soon us crops are removed. This plan is to be preferred to sowng
the Grass seeds with the corn crop, as a much closer and better plant of young Grass can be obtained before winter.
Autumn fallows.-The application of steam-power to the cultivation of land in autumn, as soon as the dilferent crops are removed from the ground is one of the most important of modern in provements in apriculture. The sdvantage of breahing up stubblo-lands otrly has been known to farmers from time immemoria, but until less or more rain falls horse implements could not be successiculy worked on heavy bolls. These, ,oo, stand most in aced of deep thorough tillage at this serson; and it often rain falls before the work can be done by teams. It is otherwise with the steam-plough and cultivator, which can be worked as soon as the crops are off, and the drier the lend the better
Milch Cows, unless on the riohest pastures, require a daily supply of green forsge of some kind. The produce Sin foin med moadowe is the besty to afford the daily suppl required - but in too many instances cows are hard put to this month. Old cows may be allowed to go ley for fatting.
Farm Horses.-Autumn fallowing, and the practice of taking atolen crops of Turnips have greatly increased the labo urs of the teams, ascompared with the old practice of a short breathing hme afer this to hare a full ellowance of corn
.-As last month, keep the piggeries as cool and Clean $\begin{aligned} & \text { C. } \\ & \text {. }\end{aligned}$

## Notices to Corrempondents.




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## The Carmenerge Chtomitle.

SATURDAY, SFPTEMBER 11, 1869.
The announcement of the Deate of Mr. ROBERT THOMPSON, of Ohiswick, on the 7th inst., will excite general regret and sympathy amongst horticulturists. His modost retiring habits may have prevented him from ever having had a very large circle of personal acquaintances; there can, however, scarcely bo a gardener in the three kingdoms who has not, more or less directily, profited from his labours.
Adequately to write his biography would be to write a general history of gardening for the last half century. The attempt to do justice to his labours and his morits would involve the Writing an acconnt of the progress of the Ohiswick garden almost from its first establishment truit of incessant observation and research, in matters relating to meteorology, gardening, and especially to pomology, it is no wonder that he shouh have been made the referee on these matters by all soeking information. Our own pages toem with information derived from him; and if the familiar signature, ""," has of late been missed from our columns, the reason must be assigaed to failing health and growing infrmity. Lven up to the last, however, our
usual weekly meteorological record has been usual weekly meteorological r
drawn up or supervised by him.

For many years Dr. Livdley constantly sought the assistanco of Robert Thompson ; not only thoso pages bear witness to tho fact, but aiso those of tho "Theory and Practice of Horticulture," whilo tho "Eruit Cataloguo of the IIorticultural Society," and tho "Gardeners' Aswistant," wero inderendent productions of his pen, and of themselves will suffice to hand lus name down to future getacrations of gadeners ns one of the host acempli-hed and woful men of his thme.

It is distuppointug to have to write that such a man, whose marits all acknowledge, ahould yet
have receivei betfiow of this world's honorus and have recsivad betfow of this world's honours and to his retiring unobtrusiveness ; still it is not without pain that we advert to the fund that was raised a year or two since, to mark the senso horticulturints had of the sorvices Robert Thompson had rondered. That fusd, in comjunction with the pension awarded by the Royai Horticultural Society, was perhans sufficiont to ward off actual poverty, but it way a misorable recognition of life-long, ungrudging, high-class services. We hopo in our next issue to be able to present our readers with full particulars as to the lifehistory of the Nestor of horticulturists.

We have also the painful duty of recording another serious loss to horticulture in the Death of Mr. Jamess Veriche, the head of the wellknown firm of Verrcif \& Novs, of Chelsea. The sad event took place suddenly between three and four o'clock, A.s., yesterday (Friday).

We are glad to learn that the Intervational Hormoultural Eximision at Lfamburgi is likely to be a great auccese in all ways, The parti is very beautifully situated on the old glacis, and is admirably adisitud for the exhibi-
 but the scale on which the arrangements Were to be carriod out was molarge, that an equally large tract of ground on the other side of the road leading to St. Pauli was obliged to be connected wridgo crossiag the road, aud inciudod the exhibition of machinery and the two large
buildings for the oxhibrtion of fruat. I'nforturiately, be regards the plant houses, the Wholo was brok on up ir to compartmontw, so that to whom the adjuilication of the prizes for stove plants was commutted wero extremely fortunate in having Profesmor Relcufnahely as chairmari, and the awards in that clans were mado an tho most careful mannor, but tho sefaral objecta were was much inoreasod, and there was the labon apportunity of contrasting the several articles of compettion. It was not to be
expected that there should be much novelty.
There were noble specimens of Palms and There were noble specimens of Palms and poor, and the prize of 500 dollare was given to a collection which would have stood no chance whatever at South Kensington.

There were a great many beautiful objects in the great rotunda, amongst which the Bronze Pelargoniums from England were pre-ominent. There was also a rery fitue collection of C'actuses, and a splendid assortment of bouquets and out flowers of various kinds, but very fow of the Dahlias would pass muster at our own shows.

The fruit department was by far the most intoresting section. Thore was an unfortumate misunderstanding about the QUEEN's Cup, as it was supposed that it was to bo given to the best specimens, but the terms were altered at the last moment to " an assortment." There was nothing, howerer, to come the Ieast near the British Grapes, with which Mr. Meredirif won the Cup, though in all prubability Mr. Ticosison would have been succuspizl had not the terms been altered. His three bunches of Grapes Wero quito Fonderful, and excited immense interest. The Syudie got togother a five set of the sereral Grapes from which tho best Bordeaux wines are made, and it was curious to see how littlo apparent differonce there was amongst many of them, the peculiar qualities of the vintage dependiug more on soil and aspect than on the especial Farioty of Grape. The Lafitte Grape, to the outward ofe, seemod to be nearly related to the common Cluster, though a little longer in tho bunch.
A very interesting colleotion of fruit came from the Garten-Baa Veroin of Tirol, amongst which were specimens of the real Bread-fruit not the Encephalartos, which has sometimes been so called in England) and fruiting branches of Salisburia sdiantifolia. The collection of Apples and Peare was excellent, and thare were many good Pines and Melons, bat unfortunately the Dest Peachos, which we understand were romarkably fine, did not anise an a state fit for exhbition. The number of fisitors to the exhibition is enormous, a circumstance of which we are glad, as no expense has buen spared by the directors to make the ah.bith in a nuecens, which is cortainly the case as a whole, however the details. In addition to the prizes annomaced in our last issue, we learn that the prize given by the King of Prussia has been awanded to M I InNDEN, of Brussels. The prize of the QUERaN OF Prussia, for the best display of fruit, whas obtained by Herr Lave, of Geisanheim, and the Grand Austrian Medal by Measrg. Vertori of London. Further particulars are given in another column.

As a Fruit Show the Intranatronat Exatbition of the Royal Oatrdomian Hortioultural Society, which opened on Wednesday last, was beyond question one of the grandest that has over beon witnessed. There may have beon, from time to time, better representations of particular axticles, but all agree, with singular unanimity, that the country was uever so
thoroughly ropresentod in one place, at any of the so-called International Shows, as it has been on this occasion if the Edinburgh Assembly Hooms. Competitions of this kind generally bring to the front some great names which have been able to hold their own against all comers, but as the interost increases, and the stake becomes sufficiently tempting, the struggie becomes more serere, and the issuo more
doubtfa. The mames of Nereblrim and FUWIEk, which took a prominent position at a previous exhubition of a similar kind, now pale before those of Jonimstone and others, who took chief positions on this occaslon. We are not, however, now so much
considering the question as to who took, or who did not take, premier places for excellence in cultivation, as referring to the general representation of fruit culture in the country, and the influence that auch a display is likely to exercise
upon all who were privileged to witn upon all who were privileged to witness it. It may be soarcely possible to get ap sueh a gothering manually, oven expposing the place of exhibition Fere not a permanent one, but meriodical exhibitions of this kind stimulate horticultursts, and horticulture is all the better for it

From a comparative point of view, the fitive
Mere more numerous and of a better general

Then a minority only of our best cultivators, both North and South, took part, while now, instead of having four or five entries in some of the more important classes, we had from 15 to 24. Then it was only nominally, so to speak, that English growers competed; now tho competition was more purely national, for most of the countics had ropresentatives in the matter of Pine-apples there is no advanco. In matter of Pine-apples there, As no ad Fance. In there was a decided falling of in general good quality, which may be attributed to the exceptional season. But the tablos of the magnificent hall groaned with a load of the most luscious of fruits-Grapes. The collections of themselves were, taken in the aggregate, worthy of the highest commendation. No less than 12 persons compoted for the " 16 sorts," and six for " 20 sorts." 'The battlo for position was
confined to three dukeries and an earluom, represonted by the names of STEvexs, of Trentham, Johystone, of Glamis Castle, Thomson, of Dalkeith, and Ingray, of Alnwick; while in the bmaller section, Mathieson, of Tulliallan, Lees, of Tynninghame, and Temple, of BalLeEs, of Tynninghame, and TEMPLE, of Bal- This is one of the most beautiful stove Ferns which order in which they are tey named. The post of honour must, however, be assigned to Mr . George Johnstone, who won easily the principal Grape prize of the day, and who Was 1st in 10 other of the Grape classes, amidst such a host of competitors! Never in
the palmiest days of our greatest champions has such a success been achieved! It goes to khow what young Vinee and well made borders can do under ekilfal managcment. In this
case they are all aerrated
on privephen heightened the effect of the show as a Whole, was the admixable manner in which the flowering and decorative plants were arranged in the adjacent hall. Ususlly in Edinburgh this has been open to hostile criticism, but what with the effective and beatufal plants sent for compotition from a variety of districts, and agreeable vistas arranged for and opened up, from orchestra, the coup d'me entrance to the remarkable in its family for its qraceful habit, fts orchestra, the coup the new and rare plants sent by the Mossrs. Vertch formed quite a treat of themselves, while the Orchids and Heaths, the one from Dalkeith and the other from 'Tynninghame, far excelled what is usually seen exhibited north of the Tweed.

Somr timesince, when an appointment was made Midsevis, we were not a litije surprised, not to bey diagusted, to find that one of the sonditions imposed subjected to an expmination by the Civil Service Commissioners. If this examination had had reference to botanical subjects of museum duties, there would have been no reason for surprise; but to subject a wel edurated gentleman, a graduate of the Liversity of London, whose exammations are known to be the most searchang of all sumilar ordeals, to a test such as is properiy enouch imposed on unknown men, or on those whose quantications have not been tested, was to degrade the candidate, and offer an ingalt to the University. We are glad to find that Mr. JaMrs in the Royal Herbarium at Kow, has not had to undergo such a degradation.

- A correspondent points out that the CrrTandistinot fromir, referred to at p. 641, is not specitically the ${ }^{4}$ Botanical Maraziner (t 5s74) However gis in be, and there cartainly btructure between them, the ty dose resemblance in distinct for all distinct for all garden purposes, the one being white-
flowerd, and the other yellow. Both are South African plants.
geveral Farietres of Apples, grown on (ScotT' S$)$

Pommibe dE Paradis Stock, to show how healthy and prolfio Apples are, worked on this stook, even in a searon like this, in whioh, we are informed, not a quarter of an inch of rain hes fallen at Merriott since May. Amonkst them were very fine examples of the Gravenstein, richly flavoured. Another variety, cated (but little of its history is known), is fine in size, and very firm in texture. Along with them camo fruit of the Pommier de Paradis, as grown in his nursery, and which tonder, brisk, and juicy, with a slight acidity, and bears considerable resemblance to Christie's Pippin.

## New Plants.

Davaleia Mooreana, Masters, sp. n. ${ }^{*}$
-DAVALLIA Mooreav, ampourd, triangular green, clantaceo mombranaceous, or subcoriaceovis; pionno green, eharticeo mombracaceors, or acumanate, the lower ones a foot or pyore in length : primary pinnulos nuch acuminated; secondary ones ovate or obliquely oblong-ovate blunt, divided into blunt otblong or ovate segrnonta, the larcer of whe ; reins cut down to the costa into ertacate unequal freo, clubshined at the apex, torminatiog within the nargin + sori solitary on and occapping the anterlor side of the litumate segments, very prominent on the upper surface; indusia oblong sub-truncato, acsicely convex, the mouth expanded in age: rhizome stout, ereeping, producing fronds at short intervals, and clothed with daric brown lanceolate slligh aules) from quarter to half an inch long. The forma of these latter is shown in the enlerged separate figure of our cut, while the principal figure gives as good an ide of the general obaracter of the frond as in posstble on so haped form of those of the trua the elongate cup shaped form of those of the true Davalliss, but, apparentyy on acoount of the bulging in the upper surface the indusium is almost flat. It should be added, that
the plant is quite different from the D. Mooret of the plant is quil
Hooker. T. $\Delta I$.

## THE LATE FREDERTCK SCHEER.

On December 30 last, died at Northfleet, Mr Frederick Schear, 76 years of age, a City merchant whose name is honourably associated with botany and horticulture, and who might have enjoyed a world. wide reputation if his modest and retiriag habits Would have permitted him to do so, or allowed others to give him due and public credit for what he had
done, or caused to bedone. Mr. Scheer was the exact antitype of those who judge of the value of every publication by the number of times ther natnes ars mentioned, and compliments paid to them. Never mind how great the share which ho had un advarciag a project or publication, it gave him pain to see his name made pudlo in coraccuon with it.
Mr. Scheer was born in the island of Rugen, where his father was a clergyman; and the first part of h ife was spent in Russis in mercantile pursuts. But when still a young man, he took up his residence in England as a City merchant, and for many years live on Kew Green, where hi neat cottage and well-kept garden and greenhouse
(the latter full of new plants imnorted by him) was well known to hotan ists. The last years of his fleet, Kent, where he leet, Kent, where be iv-
dulged in his favourte dulged in his favournte pardening to the full extent his business
Mr. Scheer had adran liberal views on relision, polities, and polttical economy, and spose and wrote several languages with
force and ease. Nevertheforce and ease. Neverthe-
less, he was exbreme. less, he was extreme.
guardod in witat he pution paper (in that respect his pattern) ; moreorer, most of his writings were
anomarimous, Intimats 5
I was with him, I otiog urged him to make shis of at least his pamphints,
or allow me to do so; but to this I could never qutr him to agree. It wis quth satisfactory to hould have been promulgated, he canne ittile for the honotr of having concelved hara, mate perhaps the nex mould have already originated new ones, wheth * * When in 1839 , the Government thought of doing away with an be Gardans, be did all be
and in getting up pettarge size combined with its small sub-diviaions its tions, Parliament to avert the calaralty, sua hob, pale green colour, its smooth surface, and its bulato ourfice latter are remarkably prominent on the upper surface, very much in the way of those of Leucostera monersa, which species indeed the whole aspect of the plant recane, hough and ats differenty, of Borneo the callection of esse the collection of Messrs. Veitch a Sons, by whom it has recoived for it the award of a Furst-class Certificate. We have specimens of what appears to be the same Tern gathered in the New Hebrides by MeGillivray. of a less rapidly elongating habit than in many or, 1 . Davallias, and appears to prefer to srow half omy other in the soil: it is clothed with narrosy lanceolato dard brown scales, which are somewhet toothed ars margin. The stipes are somewhat toothed at tho stout straw, from a foot to a foot and a tale of a quite strooth and pale-coloured, as are also the long, quite sroooth and pale-coloured, as are also the someWhat slender rachides. The fronds, independently of 2 feet wide at the base triangular 2 to and from 1 to graceful arching habit of triangular and pointed, of a cutinto a multitude of of growth, and most elegantly cut into a multitude of small blunt oblique soriferous segments. Their colour is a pale green, and they are very remarkable for the dotted appearance presented by the upper surface from the prominence of the sori. the obliquely ovate pinnules (secondary) are about an ach long or rather more, the pinnulets (tertiary pin-

At the request of Messrs Yeiteh we have named this Fert in honcur of Mr Thomas 30ore, whose acrrices in the cause of Fern knowlefgo are such that it ts most fitting has name modeaty may prevent him from fodulging in ; any self lauda thon, it need offer no obstacle in the way of our joining to do honour to our colleaghe. M. T. M

"Gme forward with a gmall, but well-wntten "Kew and its Gardens ". (London, 1840, 8vo.)
About this time, Mr. Soheer liad one of tha lare ablectsons of Cacti in Europe, and was in Crequent communication with P Pelffer, Fred. Otto, and Salm-Dyck, tho leading authorities on that subjech. chiefly obtained from IIr. J Potts. Only a portion of these were ever described, either Jr. Schee Salm-Dyek or (very refuctanty of H. S. Hersid the greater number, however, were subsequeut plants, received from his numerous correspond abroad, were desoribed and figured by Sir ingit h Hooker, Dr. Lindles and myscif. Su (Schee which I dedicnted to him in the " Botancal Maxazas and of which at present two species, bath ifter los.0 ornamental hothouse plants, are kion tool up Feru the bulk of his Cacter, Mr. Solre and it $\pi$ wis which he studied attentively, of the "Britur Ferns at One Viem " (Van Voorst). His great powe of combination, coupled with his varied a jusight a knowledge, gave him an almost proplaetio bed by gres
the future, and this was much appreciated City firms, Who frequently asked In look be 1 momentous questions of the day, In low play exq Beathoven, engryy who never had was a man of reus illoss duras th "I bollero I ars correct in atating, in parenthosis, this" the firt note of Marma that kow Garcens was given by Mr. John Smath (lato Curator of kern hid
up.
Mr. ir. Robert Heward, F.L.S., who coucocted acing sid patisment.

Whole of lis life. On the day he died he had been all dy in the city, came home, and instead of going after
droner, s5 usual, to his greenbouse, to lonk at his
 espred, ertiden a forw sears apo; his wife survive him. He was a high-principled, unselfish man, a warm friend,
adentls devoted to scionce, and an uncompromising andentls devoted to scionce, and an uncompromising
opponent of all sham, whether it appeared in a rehgious opolicat, or scientsfic garb. B. Seemann, in "Journal of
Botany,"

## HORTICLLTURAL EXHIBITIONS Titeir Influence on Gardening.

[Abotrat of a paper read at the Manchester Congress by
Mr, Bainues, Surmmerfield, Bowdon, July 22, 1889]
He object of this paper was to note the propr that has been made of late years in horticulture. The progress shows itelf in the improvement of flowers and regetables by selection, cross-breeding, and hybridisa tion, and in the continuous introduction of new plants from all parts of the world. The causes of this progress were attributed by the author to various sources, such as peace, kenerai prosperity, cheap glass, mprovene, the influence of the press, and snecially to hortecultura exhbitions. To the Rosal Horticultural society Mr.
Banmes ancs the credit of first placios these exbibitions on a proper footing. He considers such exbibitions as of the utmost importance to horticulture by stimuto gardeners and others opportunities such by afording othermse bo had, to see, observe, and compare. Mr Baines points cut the danger of restricting theso exhibitions, so as to make them mere displays of a fow splractiveness, be so comprehensive as to include every thractiveness, we so compren of cultivation.

## NATURE'S SCAVENGERS.


 Oerility and cophousness of iflustration, we can give ouly a very condensed resume
palluthor scts out by stafing that the main sources inn, habour, and hife. The agents appointed by Almighty Thdons to renove, and disperse and utilise the effete or noxious matter thus calused, are-the sun, the antion of each of these agents is poirted out by Mr .
Fish, and the marvellous minterdependenne of nnimal and regetable l.fe is aloo udverted to. "D.rt "T iteelf ia indeatristible. to nity be earrid anay or alterad in
 cource of danger, but one which is obviated by the trans-
portung agents. Among the transorming agents plants pre mosit imprortant they rush in between the dead, figh priests, censers in hand, rusbed in between the jiving and the dead, and the pestilene was stayed. cry for moive coal, and fer sweter air. Plunts can
furnih hie hater now, as ibey have suphed the forman in by gone times llauts alone restore the primswai times into modern bread, ket free oxygen gas to swecten, purify, and sustanu waukind.
Fronu these conanlerations Mr.
From these consinderations Mr. Pish is led, in an
efnent peroration, to advorate strongiy the establish ment of pren spreees, and the planting of trees and a) rubs whereser practicable in and around our towns. Tinc author further urges the desirability of extending
tioe hnme culture of plants. "None ton poor to have a plant, none too rich to
enjoy the mmple beauty of Buttercup or Daisy. We cannot do without plants. In and by therm we live, and more, and have our being. They distil for us the
breall of life, they make our food, they provide our clothing, thes are our medicine in sickness, our
strenulh in health, our trasstigurators at death. They are all ministering ppirita, \% springs of labour and sources of priwer; they bind together the trio grea matrimony, and make all thangs in earth or in besven, or in the waters under the earth, subservint increase of hife
great purposes of the sustentation and In conclusion, Mr Fish finds in the reciprocal relabeneficta! results, the clearest manifestationso Almighty power, Divine purpose, and Supreme bene

## BRITISH ASSOCIATION

THE following notes are sbatracted from the procedings of the Brological Seotion:-





## THE BEST OF THE CUTTIVATED

 ANEMONES.- Anemone Pulsatilla (Pasque-flower, or Dane's Blood). Though sparsely distributed, this fine old border plant is a true native, and when it dnes occur over it. The position is usually such as to suggest the aptness of the asme Wind-fiower for the famify generally; and there are few sights more interesting to the lover of gpring flowers than to see its purple blooms g through the hard sualler in a whit than tria k cultirate! atate, usin ily wheh, whle slowing through the Grass, ceeus arms rich healthy tufts, and flowers more ghundantly and vigorously, the contrasts between the wild and cultivated states of the plants being very marked. There are several varietios, including red, hlac, and White kinds, but these are norms a very appropriate double variety, diflicult to grow. It prefers well-drained and light but deep soil. Flowers March, Aprit, May purplish. Height, 3 to 12 jnches. Propagated by division or by seeds.
Anemone ranznculotdes (yellow Wood Anemone),Not unlike the Apennine and the common Wood Anemone in habit, this speries is so very distiact in its clear folden flowers, that it is well worthy of Indeed, we may consider it an Apennina or a Wood Anemose done in pold, It is a Suuth European pectes, and apparently is not so free on the generality of our soils as the blue Anemone, but when grown into well-established tufts on a hight or warm and welldrained sonl, it displays quahties of whach those who have merely seen isolated plants or figures of the plant can have no iden. I have not found it do well on the rommon Crowfot. It is quile clanrming for Anemones, the Pasque-flower, any of the varieties
 grows in a semi-wild condition at Abbot's Langley in
Herts, near Worksop in Notts, and it is also reported to occur in several other counties. It is one of the many beautuful bardy plants that may be freely
naturalised in our wools and slirubberies. Flowers the end of March and begioning of April. Height
t to 6 ineches. Propagated readily by diviviou, and alno by seeds
- Anenone stellafa (hortensw) (starry THind-flower). - This nativo of Southern Germary, France, Italy, the common garden Inemone. The star-like flowers springing from the mach dissected leaves, ruby, rosy nurpe, rose or whally have a large white eye at the base, which montrast agreeably with the gay or delicate coloration of the rest of the petals, and with the rich brownish violet of the stamens and styles that occupy oonstition as the constitution as the common anamone and requires a
little more caro than that, but this will only make it the more interesting to all who love raricty in their collections of hardy plants. It likes a sheltered yet Tarm position, s light sandy well-drained sosl, and seems to make little or no propress on heavy clay soils. Anemone on the rockwork, for the mixed border and the choice spring garden, and shoula be grown in every garden where chote spring flowers are appre-
chated. Flowers in Has. Helahit, 10 inches, Propsgated by disiston or by sied. is a frep-growing and handronp. Inemone. - This somenhat of the sizo and vigour of the partaking Japancse Anemone, and the pestmers of habit and dense blooming qualities of the dmarfer kinds. It
seems to grow freely on a most any soil, the handiome seems to grow freely on ajmost any soil, the handrome
pure white flowera, as large as a crown piece, being freely produced over a mass of fresh grean Jeaves. A
native of Siberia, North Italy, Germany, and France it is perfectly at home in this country; foould be
grown every where that first-rate border fowers are appreciated : wall associate well with the alpine Anemone, and plants of like size, about the lower and flater parts of the rockinrk, and being nalurally a
native of the prove, will har frime perfertly at home long onr Wood Faite and hail wid spots, in shrubheries, so. The aspeot of the drooping unopened bude


 Anemone, $\begin{aligned} & \text { fild state in plasant groves on the woody }\end{aligned}$
zillsides of Piedmont or the Tyrol, it does perfectly woil in our climate and should be everywiere prom its for variety sake. It magy be readily known from its
relative, the Wood Anemone, by its nuatly toothed triifliate leaves, and it seemas to be a little smaller and dwarfor ia habit. I have, however, never seen them under arsotly like conditions. It is well saited for
naturalisation along with A. apenina and ofthers of the family, snd is of courae suitable for rock work or
borders. Flowers in April and May; white. Height, borders. Flowers in April and May, white. Height, Anemone vernalis (Shaggy Pascuue-flower), -One of very dwarf. The flowers are very large and shaggy,
 whork, giving it good drainage and deep soil. A native of Norway Sweden, and extreme northerr countries, Pyrenees. This species inhabits very elevated regions, and is rarely seen in good condition, st least not in our agy, thourgh Miller gpeass of it as sending up a stadr near a foot high, and naked almost to the top, where Yellow flower shaped like the porennial yellow Adonis, lovel gpot on rockwork, in deep free soil, and be abundantly supplied with waiter in summerer. Flown early in spriog; whitigh inside. Height, Atosingo

DISEASE IN THE SUGAR-CANF LY BAHIA.*
The Sugarcane has for some years been affected in Brazil with a disease for which the most conleading to the diseovery of any remedy. Ioud complaints have also been made in Cuba on the same subject, and in tho province of S . Catharina the culttvation has been abandoned in several places. Von Tschudi adFised the colonists in South ibrazl to the adverse: for, according to observations made from August, 1817, to July, $186{ }^{2}$, the mean temperature
was $70 \mathbf{T}^{2}$ Fain.; whereas the Sugar-cane requres a mean temperature of T2 I Fahr. It could soarcely je expected that so succulent a plant could be sub-
jected, without injury to its organio activity, to so low the 23 d day of Augut, 1 nfor, in the prorinee
Blumenau, and which indeer is often registered the rainy seasnn. The cultivation of sugar, how
ever, is still carried on io that province, and estecmed profitable; whereas, on the oontrary, in
the more northerly and hot province of Rio is preferred. In Bahis, the most important part
of Brazil as rexards sugar, where the oonupiors of
the coatt devote themselves almost exolnsively to the
caltivation of the Sugnr-cane, the diserse hes apporec for the last six yemars in the moit threataning form.
and province. Repeated inquiries, under the direction of Nes rarictica havo indeed been introduced, and amongat them one from Salangore, very rich in juice,
which has, however, been by no menas entirely exempt from the malady: Whateh, notwithatanelug the extraordinary drought (from Septembar, ISis, to the end of
January, $¥ 869$ ), begins already to be establishe My observations of this malady werg direct.
cially to the investigation of the insects which live on the Sugar-cane, since certain commissions, and even men of science, have given it as their opinon that it is commission of inquiry in $\mathbb{S}$ Catharina, that a catercause of the divense. I have occasionally found it, as well as its pupa, in the stem of the Cane. The caterforms bores Large holes also are found in the upperis equally the case when the young Cane 19 perforated ever, far more rare; and the bores, fromabout one-cighth stroug Canes, though frequent enoug in mearly mature the veretation, though, through the admistion of air,
and the consequent oxy dion, the surrounding layers
of colls become red, and, the quality of the stigal
 Anothar insect, which is sometimes Pound abun-
dantly between the sloaths and the stnon, is a female Coccus, whose habits, as far as my obersations ro faree with those of its alies. Allowing that it robs appears that the injury is too slight to prevent the development of sugar; added to whoch the presenco of the Coccus is not the necessary cause of the above generally recognised for the last three years I have scale, which have yielded good sugar, and in theluch not a single Cane exbibited the disease in question bemer discovered to which the maladstigations, bas tributed.
A ruddy tint in the woody snd cambium tissue in the reighbourhood of the joints is an infallible sign of permeates these vessels through the whole of the atem

Whereas the parenolyma at first retains its natura thick yellow substance flows from these vessels, which hardens when exposed to arr, but dissolves mape merely exhibits a granular gtructure. Minute oells appear, either colleoted in irregular heaps or $\mathrm{moniliform} \mathrm{rown}, \mathrm{which}$, sugar, are developod in the course of from sux to enght that this did not arise from spores derived from the air of pugar repder a bellglass, but never obtained the same Alga, while it always ocourred in the yellow substance placed in a similar solution. forind the Alga itself in deleterious influence 1 have found also its infusorioid anseres, and their fermentative action in the manufacture of sugar. Sporgngia sown on the sheaths of the Cane generate the Alga in tissues in from one to tro days. Hydrogen and oarbonio aoid are ganerated when such energy and spoed in the juice of the farmenta placed in the cauldron, and acted on by the at the oommencemont of tho development of heat, that the scum runs over the lips of the oauldron in great quantities,
The organio acids developed by fermentation in the The organio acids developed by fermentation in the further process of boiling effect ochange into uncrystai
lisable suger. The extremely sman quantity of lisable sugar. The extremely grasil quantity of has not advanced too far-is very dark, and of a very
indifferent quality. In the moulds from which the molasses have run, where, as is the custom here, mixture of clay is used for refinery, the fermentation reeommences so energetically that
floms over tho margin of the mould.
The spure-cells of the Alga are about 1-700th of a millemetre in dameeter, while the partly simple, partly to 1-500tb. I distinnulah two lorms, which appeaz almost conteraporaneously In the young state we aitd mothor-cells arranged in a row, flled with a
quantity of daughter-cells. Theoo lasit are elongated into threads, but are still surrounded by the mothercells I have not been able to obsorve the formation of the spore-cells at present, but in the membrane of the mother-cells, fitter its disappearance, form these masses third of an neh in diametar. Even in a very small yellow mass of spores, there was in moist weather a coating of white powder, in which solution. This white powder can be easily dispersed in the air, and can
penetrate the pores of insects, or through the root into Dhe body of the Cane. The latter way is so much the
oasier as from the practice here of planting eyes (the
tips of the stem with the termingl bud) being for a cime anemvered or only slightly cowned, they remain in the diffisson of the Al;a appeers not only from the forerong observations, but frow tho faut that the jears
no which the disease was nost prevalent heve been
remarkably rainy, whio in the late abuormally bot year it has almost disappeared. We have, then, every disease, espectally as at its commencement the Cane veretates strongly, and decass only at a late period, When the Alga decomposes the suwary juies, and the masses of spores in the vessels hinder the flow of sap, the leaves turn yellow, and the terminal bud rots. As the best remedy I regard a mode of culture in future prevails connant with the investigations of science whan prevais at present in Brazi-repeated manuring with
wash) the eyes or truacheons before planting $\quad$ II.J. $B$.

## 

Origanum valgare.-Three varieties of this plant have beon brought to me from near Meratham, in Surrey, one with pink one with blush, and the third With white flowers. The friend who collected them put a handful of oach variety together into one the leaves of the white-bloomed kind had ali, without exception shrivelled and turned black, while tho
leaves of the other kinds remained freal and green some days. Whet can be the explanation of this? Potatos. - Upon the recommendation of my seeds-
man I wanduced to order some Golden Blossom
Kidney, Ashtop Fluke, and American Early Rose Kidney, Ashtop. Flakes, and Amerioan Early Rose
Potatos, and having justi taken them up I can apeak most highly as to the profice and quality, the latter ar surpaqiang in yield snything I evar sats, being equal if not surpass Haigh's or Laystone Kidneys, Fhich are the same, and free from disease, wherea
a tuft of Haigh's growng in the middio of the Ealy Rnse was all bad. The manure used was stable and pig dung, dusted over with Lawes' phosphate of lime Catting Bow
my Window, which commands - wes looking out of small mardens above the towa of 13 oulogne, some thre or four weeks aso, when the weather was hot and dry mowing somethin with fome distance on nigorousl circumatance to my landlord, who also has a garden and askeu him what his neighbour was about. "Oh Remembering my friend, the late Dr. Liadleys stante,"
he had, I bol suoh an ignorant practice, in whiol deners. I remarked to my infurmant, "That it ser quite contrary to Nature, that the plant was berns "Mus, monsienr," repled my landlord, "my neightoon celebrated "for the quantity and "roolncss of ha had some vague sort of recollection of having severdy done the same, and being myself pani hard for tit by an
unuanal supply of gool fruit. My landlord said ho should treat his the same way, but I begged lim to leave some, so he has cutt some of his down, and meroly result the runners from olaera, have had are now looking fresh and green and have put out runners. I should say that until the plant had been ent off. One of the leading horticulturist here has been condemning the plas, and I recpen th quewion Whether a partial trimming, leaviag does not do) may not be benefiolal? Querist, Bouloym
Smoke $\nabla$. Vegetable Life,- In a recent number the Warrington Guardians a, writer, who sikns himed Fall (ohout 10 miles distant) gars herer of winaington fruit never rets spoiled by tho smoke:" and that "tho smoke is doing good insteal of evil, ra it tend greatly to the destruction of insents." I am sory to say adds "fruit is everywtere clenned bofore sent onp table therefore the argument of the gardener of Bank Bin, some mistake shout this. Gardeners are cantious how
they haudle fruit, lest thoy leave fivger marks upou they bandle frult, lest thoy leave finger markg upon
it, or wipe off that beautiful subatance called "blopon which glves su :h an eleqant finish to pood fruit We
have had red and white Currants so oovered with dirt that they could not be cleansed-it would not wash of nor would the birds
while them. They rotted on the trees
whased what was wanted from the matoo No fruit that has tn be washel, or even spongod, is fit
to compare with that witn the bloom upon it If to compare with that witn the bloom upon ik If
"Fairplay" or the gardener at W.nnington will pay me a visit, I will undertake to show them more gardons trees are suffering insteal of tho in-enta, and no doubt the worst. One word more. Sme manulaturers
say smoke caunot bo consumed, otlers not onds say that it can, but that they ar's consumins it to
a considerable extent. Surely, then, those who sre a considerable exteat. remely this areat evil are dolog
exerting themselves to remat gon to us all. Edicard
a wrong to no man, but gon
 It is from twe went, fut in tho former case it is ofton to the ground, hanging among the trees and pasing In an action agninst a large coke buraer for the destruce tion of a Larch plantation, the treas of whioh were about 30 to 40 yerrs of age, and which hed only apparea factory of coke had been in as active progeoss for abouk 20 years, it came out that a short period prior to the trees being observed to be alfected, a new seam of
coal had been employeri, althully only mixed to the coal whas remarka fy freo from sulphur, containuag about $\frac{3}{7}$ per cent., whilst the new sean had as much 23 that, while to the north-enst vegetation sutlered and was killed, in alk other directinns the anjury was latile of for by stating that thie molith-west winds were the most prevalent ones, and so molluc ted much greater ass more frequent loses of cohe-oven tame aber when down was greaty deteriorated by the effeets of not products how ungustainable that tuluction was, obviously to produce such dinjurity of resulus between the south-weab and other whald have been vastly more. I was lod to examine the matter, and Fastiy more. I was led the examine the was erident the Now, we all know that in southerly wind we hare Now, we al cnow that 14 southerly wind ingentices to vegetable growth, induciag the stomata to sctire oombined with the sulphuric acid, and thus tho tres and be injured and killed; yob, be it remenberd, south-west winds are generully brisk, and woud the permit the smoke to fall quickly, or to
trees. W. Wh. Wooler.
Primala Primula cortusoides amena.-May I ask through your columns, whether cultivators or arasiety of tha











 destleyed. but may yet recover. French Beans growing on sonth borders do not appear to be injured at all, Nioh says much in favour of oropping borders, where Bardy and late produce nre requrcd. Dath, Sleaford, Souts Lincolnshire.
Prumella grandifiora, - In a recent number one of your correspondents made some remarks on frume some gresciptions of edging or ribbon borders, end inviting cartainly the rich purple tints of its olustered labiate fowers make one wonder that it, is not oftener seen in our flomer gardon. Like all the renus, however, its where more elegant plants are prown. After flowering the brown scals calyces are not ormamental, resembling the cones of some raes, and exposed. It is possible, how sper that some mode of cuitivation might be adopted oobviate these defects. My experience leads me to hink that it wall not be very casify propacated, is it poduces mature seeds but sparingly, and gives but
Testimonial to Mr. James Barnes...The promoters of the teatimonial ta Mr. Barmes, in Devonshire, are greatly obliged to Mr. Ayres for his timely lotter in
your columas last woek. The object amed at is not to abtan a large sum of monev, but to alinal from the Kingilom (as well as from Mr. Barnea' personal friends) some gentine mark of their ippreciation of one whose labours and writings bava
many of the fraternity, With this view subseriphtons,
homever small in amount are solicitod, and may be forwarded to the Dditors of the Gardeners' Chronicle,
 haveluncul in wintery tu the perfect state make their more than 10 yeare old. In six Feeks the young brood is fed up, and the perfeat beotles emerge. In Enginnd, these beatles, emerging in Tune and July, pars the and other sutable lusaties, but krtil the period of put the internor af the 3 nunp shoots of lowis trees, younger ones, by destroying their leadigg shoots; in these shoots. The period to attack the insect in order to destroy it, is in the spring, whilst oripositing,
and whilst the young brood is feeding up. There is no doubt whatever that the bark preferred by the beetle for oviposition is that of large tranks felled the ravages committed by the beetle, in the instances of your correcpondents ( p ngt), may perhaps be found lying about, when, of course, they each sent forth ewarm of beetles in the early summer. folled timber, they will also atrack growink trees, if they beat all uer, they, and there is unfortunately sulli ient reason to believe that thedestruction of the shoots during the provious or several previoussmmers form their galleries and disease to anduce the beethes brk the folloming spring. The only romeds that is really uapful and practicable in to remove the bark of all dying trees, in whirlithe beetles are ovipnsiting, and of and of May; an lif the bark be burnt, or simply maced
Week or two, tin beetle lurra
effectuslly destroyed. In any Pine-zrowinat ragion, thie plan, to be etfectual, ahould be carried out thronathont may be felled duriag the rinter and used as
the beetles in spriag, as it is cood escoped,
preaence in the bar
of a crack in the bark, the ent linles of the gon from their attack, several luge land
useful, When the beatles are engaze in makin their galleries of oyiposition, they may be detectel h the litide hepp of reddiah gemdust they oject. the year. Mo w.
Potatos.-In the first week of March, 1868 , I planted some Potatos, called Veitch's Prolite, which I think is a frst-rate kind, and s large Gropper, From one roobl
and the weight was 10 lb saved them all, and pgain
planted them in March, 1869 , and I have this da (September 1) taken them up, seight, all goor and sound. J. Wilson, Gr. Lorl Calthorpe, Flretham Park, Hants.
Wellingtonia. - Reading the letter in your number of the ith Spitember on the Wellingtonia, I beg to state, for the intormataon of your corle. They did not mind the fros two yearg ago. The only thing ebout
them is that they shed more of their folisge this year, tut the new foliaqe is coming in as fine etyle as ever.
John Hollingzoorth, Maidstone. What is a Kitchen Garden? Agitator" will be good enough to look over my argument once more " L will see that he has sadly perverted my statements. "Let your wall be i the former, allow the space of a covered with glass, if the rormer, anow and alley 18 inohes wide. The further extension of the border should be at least 8 yards, which might be devoted to the produc tion of early vegetables without any detrmeut unneossary tress on the walion, thet, beyond the $4 \frac{1}{2}$-yard border, a 6 -feet to mention, that, should interveno, as 1 go ou to say that, on the walk should intervine, asters, a row of standard fruit side nexisht be planted, and an alley should run round behind them, and come out to the main walk at convenient distances. Hent the standrud fruit trees on the border next the wall I know not, because expressly state the portion which the frut trees and early vegetables occupy. But suppose for a monats on that border, they should at least be planted 3 feet from tho walk, and there should be the same distance from the alley behind 1 Low much of the border watio, of early vegetables? Andrew Meikle, Read Hall,
Whalley, Lancashire.
The Lady-bird. Much as I am prepossessed in favour of the bright and cheerful-looking lady-birds, I have nevertheless a derided complaint to make coucerning them They swarmed upon the Apricots here, conaluning the soft pulp with avidity, and so teanciously did they adhere, that a pood fillp was necossary them at this time. Independently of what has already been sald regarding their choice of food, so constantly are they ageregated upon the nendent tubes of the flowers of Tritoma (Kniphofia) U yaria, that I have no doubt but that they feedupon pure nectar they are provisioned by Nature to undergo long flights, so cxovended and powerful are their winrs, comparativels

## preakiuz. M Illaz, Errley, Diysirfl.

 mud banks of the river Parana, which separatos
Paraguay fone Rio Grande
 Hothouse Boilerk.-In answer to Mr. Munco's ofier giving boolers away for experimental purposes and While on the subject of bonlers I may probably be allosed apace for a few hine suzsentise of a pian Mr. Ayres, and quoted by Mr. Fish ( $p$. I2 2) The The plan
 quantity of water; let them be sel with reverberatory broks, or in any way peculiar to the taste or fancy the flow-pipe opes. Let a fire bo made under them and, at the end of a given time, note the quantity of fuel consumed, and also that of the water evaporated this I merely suggeat as being a more simple and Now, oxth regard to the reverberatory bricks mo much hammered at by your talented correspondent. I am not aware of having said anything of an invento such material, but that the Conservative boile bricks act, not only as non-conductors, but as reverberators of heat; and that they do this in a hishly when hery manner, when he knows more about the matter. He asks, Are not
all bricks enclosing fre reverberatory? To this Ianswer all brioks enciosing ire reververatory, foir gunlion posit.on, and the usual mode of setting them, in nioe cases out of ten they are surrounded by a damp aub-
stratum, whel act as a perpectual aborluent of heat. In stratum, when actean aerpetuke is the law of thei position. Not 80 with the Conservative boiler, which
is furnished all over and on every side with confined sir furnished and under the water space, and, if I may bo allowed
to ase the erpresion pecular to Mr. Fish, it en urrap
the boller with a thick areateont of dey air, refusin
 herment conversved to that end, for Which comnvided and cxpmed to the action of the fire-stresm, ater, nannely, ramit and complete aboorption

 ondemming in one boiler what he extolls and eulogises 10 another. He condemps my pet " for having long passages, and praises naother for taking the products of
of combustion. Why not torture or rather starve them to death, if it be possible, as the object simed at is to
get all the heat out that is in them before passing up
the chiminey
$R$
 the best hothouse boiler for ecromomy in heating is ditferent forms and absurd combinations in borlers bave been lately introdured for the patronage of the gardoning communty, that it is impossibse to prophecy When the mania will ent. "Punch"s artist, Mr. of a specimen not yet cthibited at Sonth Kenaington,
or at any of the Royal Horticultural Societys shows, or at any of the Royal Horticultural societys sumps. rizht direction, and the saving of from 690 to 800 per cent. in our coal bitls is ${ }^{\text {sometning astounding }}$ If this Conservative boiler had been arty which has that name would have been still in power. They would have kept their opponents in hoi-water at suc a cheap rate, on all the public questions of the day, that they would have effectually taken the wind out of their sails. I, for one, cordially join with "An Horticultural Society to organise means for having one of thres bollers at work in their asdens at Chiswick nossible The coming ninter is almont rertain to bo a severe one, with pre hably the thermmater at gero; the
saving, therefore, in fuel with Mr. Milne's boiler would be something considerible st all large forcing mardens. Mr. Pearson, of Clulwell, it doseribing the boiler which he has stood gollather for, said "that a hatfull of coals was sufficient to kepy the heat up. I should think, however, Mr. Minnes would do with considerably less quantity-perhaps a gardener could carry as much fuel in his wastcoat pocket, if in a
concentrated state, and the boiler a small one, as would concentrated stame purnose. Thoth.
Foliage Bedding Plants.-Centaurea ragusina has done rezarkably well here thas season; it has grown most freely, and the colour of its foliage is as white as driven snow. This is an indispensable plable for flower-garden purposes, the milhon, owing to its difficulty of propagation C gymnocarpa is asier to mader the usual treatment required by our ordinary bedding plante, and, when kept dwar? (a poor soil will conduce to thas), is equally as beautiful and more graceful than ragusina, Iresine Herbstu lhas done well in our flower
marden. I ame therefore compelled to retract Wardat I stated some three years ain? remarding tho many bad properties this rl nt, as a belher, posa plant not to be depended umon to a larpe evtent in a rerarious season. Ammanthus melan thohens ruber
 Parlk. Phornirm tomaz. - Should Mr. J. Hill Diokson's attempt to naturalise Phormium tenax prove a failure, or meet with imperfeat success, I beg to offer the
following suggestions for the imprnvement of the vignur of the wrowth of the plant. In Mr. Darwin's Work on the " Tariation of Ammals anl Plants uderer
Domestication," It is nentioned that the Orange could not grow to perfection in Italy without much care was
taken of to, till after it had been propazatel by seed, it having up th that time been propustel only, by grafting. If, therefore, Phormum tenax were raised rom seed to the extent of five or sue generations,
more vigorous plant might be expected Another acknowledged principle for the improsenuent of vigour of growth is cross-fertisstion, using the lowers on the upper part to the extent of about cone-haln of the spikes of mwers and thour branchex, wall yonne leaty khoots, shoxid bo cut off, so as th odthell ou the Fiemp plant, and obtained seeds with tricotyledonons embryos. It is stated in the "Treasury of Botany" that one of 3 feet in leagth, and its flower-sprkes only $f$ feet high, so that the plant in the College Gar lens at Galway, which has leaver 6 feet in len ath, hat quats outidone one of the variety, mentioned bs Mr. J IR Jack-on in this Journal, Juls 3, which will comean a man on Lorseback, of acchuat sed serre ar a hentur-row plant most part, apply to the Bohmeria, Fhich, being so naar Urtice, there mas be some hope of zoclimatisang loen too somm relinquislled, as surqested by Mr. J. R which appeared in this Jourmal for August 11? This Corn roceived from the Continent, some of which time of flomering: but one of the plants tiowered are, notwithstan ling this vers colin hammer, now
ripened, although not set entirely hadened. The first cob was producer in the axil of the fourilh leat abova the cotyleinn, so that it began to form it finwers was planted in Aprit, and the indinnt protection afforded it was scarcely more 1 hm it in ull ravive on
the south sude of a qarden wall m curh a beality as Fujham. By annually selectung seed from the earliest fowering plants, I hope in three or four yeurs to obtain variely Which, sown in an open hala, will

failure of the attempts to introduce a variety which not having been practised ? It may deserve notice that Indian Corn appears improved by crossing even in the first year, one of my plants being larger, with

August 28 . Diseases. - I have read Mr. Williams'
Orehid Dis
Congress paper, on the oultivation of Orchids, with Congress paper, on the oultivation of Orchids, with and cannot fail to be useful to all who read and digest it. On cultural topics and on management generally I exception to, is that portion of the paper which treats uphn spot, its cause and cure. It has long beon
difficult subject-difficult for sclentifio authorities to pronounce with any certainty upon, and equally diffiMr. Williams, with a fow masterly strokes of his pen, freatment which he propounds. Furthermore, he looks npon spot as the oonsequence, not the cause of bad fellow plants are in a had plight. T'o cope with a subfactorily before your readers, would require a somewhat lengthened paper. In the meantime a few words by Fay of rejoinder will be sufficient to establish as case place, apot appears in plants generally, and in Orchids particularly, in a variety of forms. The diseases are as diverse in their character as they are destructive in
their operation, as witness cases that have been recorded their operation, as witness cases that have been recorded
time after time. Therelore a panacea is not lively to time alter time. Therelore a panacea is not ikely to calendar of operations. Vegetable pathology does not admit of so easy $a^{\text {a solution as all this. Plants, like }}$
anmmals, have varicd constitutions, and ono bull of faro animals, have varicd constitutions, and one but of eisease,
may perdinpose certain plants to one kind of
and certain others to another, whule some may luxuriste and certain others to another, while some may luxuriste in the best styte treatca
Consequently the halig preserintions sill require to
be written and apphed by discrimative talent Then be written and aphed by discrimisative talent Then inroads and apency of a parasitical Fungus, we bave
the recorded testumony of the highest authority in that branch of Cryptoganie botany whicll treats upon
mycology (see Gardeners mscology (see Garfeners' Chroncle, p. 117, 1862) that
in many of the forms no fuygal cssis can be detected. Truaby of the formis no fuugal cysts can be detected. Orchid collectiuns, but there appear to be other causes
which our ablest investigators in physiology have been unable to elucidate; and looking to the variety of much sympathise with them. I think the question of uffection must also remain an open one. The physio-
logical condtion of the plant may predispose it to gome
of the kinds of disense that are hovering about in the
 krowing collut corty siturteit
Lot always the realt of bad kealth, as Jic Wh. puty it, fur many of the rudest grown plants aro $v$ sited cultural directions, crowers may mintmise the inrons of several of the forms which attack collections, but to get rid of them altosether is quite another question, $J a m e s ~ A n d e r s u n, ~ M e a d o w ~ B a n k . ~(S e v e r a l ~ v i s i t s ~ h a v e ~$
been pand by tuembers of the Sclentifio Committeo to thank orchal- rerowing establishments, but we do not thent at rre-ent any information on this subject The seed B1ll-1 am alad the ipsinsema rerba of the Act for the have published adiateration of secds, for a very dife prevention of the appeare 1 in the pases of onery of jofferent verion of it (the Farmer, Allz 1i), True, your rontemomary the Bull which be published was not passed, but only land. I am Rlad that you to become the law of the text, because it is always desirable to know the true prscipal amendments introduced by the that als the mitter of the House of Commons have been struck out at in the terms in, which it was introduced. passed particular sed has been struck out whinh was of naturally dead
the Council of the Royal Horticultural Society, whose by some such protection, gave rise to hootile comments on their obstructiveness, it opposing \& Bill which they themelver hat becn amona the hrst to call for Ay. Wiben in tioe Firmer it was in thesse terms:edable anolher to defraud, any persmn, aell or cifer for parpose of sale, buy, import, or receive, any seeds with been mixed, ghall be guilty," and so on shall have should like to know at whose instance and by whose inflifionce to unders witruck out? I do not think it is to act honestly eriould objeot to the man intending Bill thus mution to dof will bead. I beliove that the I do not go tho length of utter failure, although it was never intended to be othervise. The say Bill, as amended by the Select Committee, would have
done real good, and if it were not too great an ent rachment on your space it would be ingtructive mutilators, to see a repriat of the amended Bill, or at
all events of the suppressed passages
know who the "muptlators," as our correspondent calls
kasages. C. We do not them, were, but we believe that had the words
to which he refers been inserted, the Bill would indeed have been an utter failure, from the impossibility of carrying out its provisions. No Act of Parlament wing mashonest, and the relief to the would-be respeotable trader from the present mexsure will bo
ureat, eren though the bill be defevtive from a Coninn point of vicw. EdS. I
Wellingtonia gigantea -I send y report, with dumensiong of two plants I have under my charge. One, pianted in 1860 , height when planted 2 foet, is now 16 diameter of ditto at ditto, 11 feet; curcumference or bole, 2 feet 9 inches; growth of leader this season,
1 foot 6 inches. Tho second plant, planted in March, 180u, belpht when planted $a$ feet, is now 17 feet 6 inches; circumference of branches, 23 fect; diameter at the inches; the growth of the leader this season was
foot in inches. It is a beautifully furnished plant. foot 6 inches. It is a beautifully furnished plant
find it perfectly hardy. The manter of 1866 and 1867 rience such a winter gagin. The glass hereon the 2 d and $3 d$ of January, 1867 indicated a ternverature of 4' and $9^{\circ}$ below zero, which killed our Deodars, Taxodiums, Cupresses maorocarna and scarcely left a vestige of life in the Pamnas Grass. The Wellingtonia appears to enjoy the other extreme, for it 13 growing with undimished vigour. Give it a good situation and trea it well at the root, and I feel ennfident it will not lose
Frost in Ireland.-I enclose you a portion of baulm of Potato I gathered between Lisburn and Hillboroukh fro days ago, that you may see the eftect the severe
frost produced upon the crop of Potatos in certain spots; some bave the tops just cut off, in otber fields all the exception of the little stall whicb you will see green. Other fields again are not touched at all; but the great bulk of the fields are injured more or less,
and I am afrad in many places the produce will be curtailed; although I do not wish to give a desponding view of the crops generally, as they never looked better, heard of elther in Antrim, Armagh, or co Down. Wheat cropa are above the average, and Oats, unless Truss' Pipes and Flexible Joints, -Can you give me any information respecting these, whioh hew have been
recommended to use in fitting up a new hot-water recommenden to use in joing, which are now pretty
apparatus? $W$. [These joints, wich well known, are extensively used, and, as we believe, with every satisfaction. They have the merits of being removed sad replaced; the latter being no slight reonmmendation in the caase of alterations or repairs,
Oxalis corniculata atropurpurea. - Can any cf sour above-named plant, whinch is sometimes termed 0 . tropanloides, though I do not know on what aulhority wild specimen extsting in the Herbarium. On the other hand, it is diflicult to suppiose that it can be a mere seeding from the typical species, for, as far as my
observation has gone, it exbibits under cultivation no obsertation has gone, it exbibits under cultivation ina plant las been either figured or described in "Flore des Serres," but, not having access to that periodical, I venture to ask if I am correct? and, if so, perhaps you whil kindly quote 3I. Yan Houtte's history of this
little Oxalid. East Anglian. I'he Oxalis in nuestion is figured in the "Flore," vol, xul,, t. 1205, under the name of 0 corniculata atropurpurea, and is stated to have been recelved, under the provisional name of O . ofurthpr history is given. EDS
Iron Pipes Blocked (p. 9 (h).
pecularities of the Polyzoa that they on one the places. The British species are found either under stones or attached to various materials under bridges and other places where there is litule or no light. It land at the bottom of an open trench we should hear no more of this serious inconvenience.

## Foreign Correnpondence

LoRD Howre liland.-I have lately hed an oppor cosst (Sydney) some 300 miles. It is small in extent and scarcely known to any but navipators. A few observabe interesting to your rea lera. The biland therefore in lat, $3130^{\prime \prime} \mathrm{s}$, and longe $159{ }^{\prime} \mathrm{J} \mathrm{E}$. It is somewhat semicircular in form, about 41 miles in length, and $1 \frac{1}{4}$ mies at its widest part. On its southern extremity base of these to the nors, over 2500 feet high from the gain rises to to the northern end, where the ground vening spare is of a low, undulating character. The whole of the island is densely covered with a veretathere meing consisting of trees, shrubs, and Palms, precipitous clifs of the mountains and const. From rent that thenn of its size and breadth it will be appaeffects of the sea breeze, yet, on the southern the most exposed eide, Palms and oxogerous southern and down to high-water marks and exogenous trees grow seem to bo otherwise entirely unaffected by d warfed, After passing the first belt of trees, a spectes of Fig
srounds. In general appearance it greaily resembles
F. macropbylla of our eastern conist. It dilfers, hom ever, from that plant by its smaller fruit and fulaye by the under-part of the leaves besog more ferrugions, and by its great tendency to produce adventitious roots rom its bran thes, whth, after reachna the ground cult to doterme, so that many matances it is difio it is the most remarkable species of Flecis I have ret
with in thas part of the world. The largeat tree of the kind whuch I noticed was, as nearly as possible, about 100 yards from the extremity of the bran thes on one stems. It was a glorious sight, and one long to be remembered. In two or threo instances these tree were found forming, as it were, a circle round an open space. This, it was plain, was caused by the orisima n convg on eatirely in the centre, and to branche It lis called Banan by tho many separate indivisuals. totype of Indian notoriety. Ňo other siec.e. of lious Amon, these F"gs, and in every situation upon the
island, whether hight or low, to tho extent of my tygations, two stmular, but very distunet spectes of settlers the Cabbaze, or Thatchiog Patm, from the fact of its fronds being the only materns used for thatching upon the island. This 18 managed by the base of the foot-stalk of the frond doubling just secured in pone, at wheh point in worhe. ou a batten, brought rather clowe together on the ingide, forumig a
row of ribs, whioh has a somewhat neat nipeang and the feathery spray, or pinnex, on the outside, thickness, rendering the intertor impersious to wet and cool nad comfurtable to the inhabit uts; it mell abundant, and intermixed sith the one just noticed, is slender habit, haviog shorter and more arclung fronds falling as in the former, giving it a rather paoular appearance, from whel it is calle i by the settlers the of fruit, the drupe beler of an ovate form, ibout linch m length, and both have simple spalices (the latter the lo the longest pro cods of both hind ad elow with the greatest avidity, and are, indeed, the principal support of the larye badies of settlers' piza, ruannog in most parts of the ialsud
At an elevation of about 1,00 feet, nearly the limit of the preceding specles, nt, Itber and yery beauinl Palm occurs, called settlers. It lias larke pinnate fronds, with a branching reddish oolour when ripe. This tree 18 comparatirdy rare, and is strictly confined to the sides of the bra
high monntain= inaller sperice of Palm than any of hio pres diag truat 3 ueldime the chiof food of ilie wild whs rumning
about in that part I speak of chis Palm nonly froms hearsay, as neither I, nor any of the party who plated
the island wath me, suceceded in reachat cother of the mountans' tops, Tho settlers, who irequently go
 Palms, nono of which. I thank, are deserbel Among otber endngentols phate, ILnse chiety remarkablo are two species, of andanus; one, fonz bearing from ats stdes a small number of the usual rookhike supports; the other having at mu din bether rerg sten, and, from an early stage, suph orten by other borae to a very conculerable liepist, ups to a puint where the tree, which frequently attanas a height of from to to ront-like bodies, or forked, allyentitutus stems, occupying as much space below as tho brannine do abo Thas to a yery conniderable elevation
The next and ouly plant of this class of any par-
 in two or three parts of the sland, and hat sould be indipenous to this quarter of the world, so far dzstinct obtained, which resembled thnas of the genus Jores: the flowers were not seen, hut from the descry tho "wedding flowers," they sould be referalde to the gentis named; the leaves of the hightit pland at the
were about 6 fect in length, aud 3 inches wide at broadest part
Crinum pedunculatum was abundant in many park onticed. Orchids were rare, only two binds beng seen, One, a spertes of Dendrobium, grew spar spec Figs, and in rocky, shady places; another, a spo upon the hill zddes. The Grasses were cqually scaree, only three indigenous kinds heing gathered, riz, s, and a
running along the sauds of the coast: a Clioris , pares Polspognon, the tsolant ouly in one or 1 wo plare
in the interior. In all the clearances made by the
 Cynodon Dactylon, and our Tufty Grass, Sporobolvs seasion of the evidently introduced, have tan Carex, seasion of the ground. A single speciey of Carer,
Cyperus, and a
ir C'speracese, while Juncus maritimus, Smilay
Colia, and a Commelynaceous plant are the onl $r$ endogenous plants observed
Woald occupy too much space, and would be out chlare in this -ketchy description of the botans of the I ail, therefore, confine myself to those which arow The areatest abundance and which mainly characrise the regetation, namely, Laquaria Patersoni, an u tralisa as well as Norfolk Island plant; an icured fruit and bright areen foliage, two speciss rinnycha, Olea paniculata, a Pironia, allted to $P$ runoniana, a Tetranthera, a Maba, a Mroporum artug laree quantutics of a small oval, reddish fruit Id singular as being the only tree on which was found e very curious parasite viscum distichum ( Bauer,
lustr). This arew only on the extremities of the tor anches, and had the effect of apparently destroy ing iozether some of the trees on whieh it had fastened
elf. These plants, with the Fious referred to in the ly part of this peper, constitute at least three-fourths ine mirees and shrubs in the island. The Myrtaceas, dify represented upoa an island so contiguous to Australian coset, were confined to s smanl species of aleuea, called by the settlers "Klumoquo," and Why them as asubstitute for tea; and an arborescent ref of the hind was fonnt, whirth was dead, and had Fe vessels only upon it. Protescese were altogether Hound, this order being here confined to Fiwardsa, oned, and thes at a high elevation, beng a tree i 10 to 30 feet in heipht, with a stem 2 feet in pr 1 reter at the base, and described to me by iny cornon. Who found it, as very branching in Labit, and
itute of tenves, except at its extremities, where the - ge became closely imbrieated and bunchy in arance, surroundug terminal panicles of fowers sing a resemblance, as he observed, of so many smali
thaple plants. Some of the uncultivated ground, smany other waste places, were enturely taken por un of by Verbena bonarienste, the Gastor-oil, the
is Gousebery, and Solanum lacinatum, the agroo-apple of our colonists, all of which may be
1dered the troublesome weeds of the settlers. lave now only to notice the Ferns, which are
it to the following genera, viz., Polypodium, Pteris hrolepis, Asplenuium, Platycerium, Litobrochia,
itopteris,
Diplazum, Davallia,
Trichomanes, sonia, Alsophila, and Maratia, of these, the strintly arborescent kinds wero tse species of
phila-one the wetl-known A. excla, the other ick, slender-stemmed species which, I think, will , Aspidium, both so general in Australia, Nortook

those acquainted with the botany of Austraila th here giveu , that the plants at this island more stant some 500 miles, than those of any other try. The Leptospermum and Melaleuca are almos pralin, all the other hinds being chiefly types of Th found on Norfolk Eland. Thas resemblance I shall give a detailed account of all the plants 1
this interestiug $1 . t$ tlo 1 sland. C. M., Botanic
deng, Nydmey, June 16,1869 .
[We thank our corpudent most hearthly for this communication, one luch interest as regards botanical reography. Eds.] ${ }_{8}^{2}$ Lla LUCIA, Voserro, Naplers.-On the 23th,
Band 26 th of January last we had a frost here, such . tat respectabie authority, the oldest inhab, tant, ' In fell to $3^{\circ}$ below zero, and we had snow on the nidd and ice on the ponds for nearly the whole of sn I red terribly, and a few have ded in eonse-
gitmee Two quendid plants of liurcrosa gisanten, ele ut ingh, died down at once; also the Cryptomeria S. ins. Ardia dactylifolia, A. papyrifera, and A.
und of than ; Phyllocladus ground, but have since conoe Hzain; Phyllocladus asplenifolis, dead, Melisnthus, $\mathrm{th}_{\mathrm{t}} \mathrm{t}$ a month alter the frost we had very hot weather, antinn
ell, I have here a large and fine collection of hae ${ }^{\text {dicarias-several excelss, Cunninghamis, Cunning }}$ of ral the Araucaris Cookit, which of course you know 1, the Araucaris cooki, which of course you cnow til-tha most beautiful trees, perbaps, in the Villa the except the A. Cookin. One of these died at once econd within three months, end the third, though
thin aive, is in a very miserable state Is there any suffer so murh more than the ot hers? Should a simila case occur this year, how should - slanald they be watered,
branches cut off, or what shoull be done?
of mine here, who bas himelf a large coll
valuable trees of the same sort, and who suffered in the same way, and who is besides a bntanist of some this is very unsatrifactory. J. Hiv. [Te fear nothing can be done with any certainty of good results,
watering, manuring, \&e, will do no good certainly
If there is remaining vitality rather take caro of thit If there is remanning vitality, rather take caro of this and the base of the stem; and then next epring at stem, with the view of indecing a scrong shoot from the base, as is done sometimes to get a leader from
allied plants $-e, g$, Cunniaghamia sinensis- when raised from cuttings. EDS ]

## Societies.

Royal Hobticultural: September 7.-W. W Snunders, Esq., F R S., in the chair. The usual preliminary business of the meeting having been concluded, the Rev. J. Dix announced the swards of the Florsl Com-
mittee, and afterwards dirented attention to some spe Bowess of l,ooker's Patent Earthenware I'ropazatin Boxes (see shib, and sami thit the Commotice hal ness for annateurs and others having only small gardens and had suagected some alterationa to be made in them, ing houses at therr coramand. in evample of Green' Patent Pot-cleaner was also sent by Mr. IW. Green, of tartiec whs of opinion that it would demand more labour in washing pots than was incurred under the present simple modo. G Fr Wileon, Esq, havin to the fruit of the IIulherry, and stated that the stoin left on the fingers, zfter gathering ripe Mulberries might be entirely removel by rubbing the staned parts with the juice of the unripe frust on the same tree hybrid Ivy-leaved lelargonium, raised by Mr. E.kford, Fhich was considered as likely to do good service to the hybridist, as affording a means through whach a good purple-flowered hanging variety could be as a highly effective decnrative plant. Mr. B. S Whilims fino sperimen of Eucharis was then com plant which, if kept in an ordmary warm moist greenmonths ; and lif knes of noplant that hetter repaid the raltivator for any trouble taken with it than thas
 was arown ly $G \in E$ Blenhing, Eort, in a small grean
 stated that the culture was of a very, simple nature.
IIe grew the plant from a small bulb, and it was three years before it llowered, when it was freshly potted in 2 tinued to increaso in size every year till the present Blenk sinconsidered it a vary desirable plant for growing in London houses. The Chairman then remarked that this class of plants was very impatient of having their
ronts interfered with. Messrs, Lee's new Rose, Clemence Raoux, was then noticed as being very bighly scented, a character which was not considerad of any umportance by a flnrist, but, which was graduaily coming into favour; axd he (Mr. Saunders) Was giad to
see this, as he conld not imagine why the sense of smell should not be gratified, as well as that of sight. A collection of Soush A Arinan planta, sent by Mr.
Cooper of Reigate (who had been a collector in South Alrica for three years), was then alluded to as affording a good illustration of tho succulent nature of the flor of that country. In conclusion, it was mentioned
that at the next meeting, or the one followng, they that at the next meeting, or the one following, they
would tiry to get tomether a colleotion of Funguses some of which would be cooked for those present to









## International Horticulteral Exeibition

 T If Macrgel - The Congress at linaburgh has, we view. More than 60000 persons were in the grounds on Nunday, and about a third of that number at leas parts other day. Auty of the situation itself, could not fall to have its proper eftect on every one, but if it were asked, as was indeed the case, What 13 to be learnt from ? we minst confess very little After the collections of Linden, Verschaffelt, Veltelh, and one or two more who constantly contribute the most interesting and novel articles on such occasions, and with the exception of the Museum, whech comprised several matters of interest, and one or two objects in the fruit houses,there was little really to command attention. We there was hittle really to command attention. We
ourht not, however, to omit the specimens of pruning aspeciaily those from France, from which certainly something might be learnt
Lifortunately, with the exception of the Grapes and Pelargonia, there Were no means of comparing the Grapes exhbited by Meredith and Ihomson were incomparably better than any others, thouxh a great
push was male to secure the prize for three vory infepush was mane bunches. We were sorry to hear that
rior Prussian barp practices which have been so much
the same shat complained of at home were revised here, and that cuttings were taken from every one of the beautiful
'l'ricolor-leaved Pelargoniums. The Dahlias, Hollyhocks, Fuchsias so., among the flowers, and the Cucumbers amongat the fruit, would absolutely not be looked af hy the Committees at South Kensigston. The Asters alone seemed superior to those which are seen in England, where tay are rers especially the sorts seemed very inferior; and, where any size was attained, the specimens were ripe, s state in which a sreat many Cucumbers appear in the marke
Amongst the garden machines there were a few minor thags waich were ateresting. A new system of heating obtained the lst prize, but we in vain strove to ascertsin on what grounds. A clumsy apparatus for lifting and transporting planta, from Peter it, after a very cursory examination, a 21 ouly being it, after a very cursory ef borrowash, whieh certanly
given to Mr. Barron's of
urpassed it in every good quality. We camnot help regarding this as a cass of gross partiality.
The congrees for thae discussiou of questions of intereat to horticulturista sat for three day ${ }^{\text {a }}$ ounnot we thrown oat

## [flom amother Corresponfiter]

Tuts great exbibilion of Horticulture, which opened




 but hating s.al ithy, we Lust husuit thatt the tout examble is



 taste and akill. On this portion are exhtbited mont of the erected for the accommodation of those that require it, and





 underatanding the fryit was sent to Hamburgh antd staged ;
when, to evary one's antuonishment, it was ancuaced that a
telegran Lad thets. received from General Grey, from the





 Which adds one rauru wreath of victory to hiss alicedy

















 dourt, andion the great ruajority of the fruitus are of a very lifert. x doucription, with numbers of docayed apoctineze giviti, the
 trone turied Fadry Trarse, which oceupy a conddern
tom of dround near this, are capitally dupprayed, and formed
 Wintry mpect. Efinples of all sorto of quarter had rather 2


ithe toanold faling in love with soraso of these protity trean,






 as to the merrits of the various collections. We must observe,
bowever, that the awards of the jury in many instances reern




 many of which, we sro sonty to see, are now dying. Messrs, marron \& Sona carry off lit honours for 25 Ablea nuxi Pleen,

 in height The sime, however, wannot be samd of the prize
 varutes if Abics 1s mpstuxst1, whic.t. itherike they haro
 Measr. Barron, who bavo contributed hargeiy to this exhis btion, nde whose piants have thecolver and fory. fruo blooming hibbrtd perpetual and hybrid Tead clasgos, it
ahown by Fried. Harms, Hamiburgh ; these, being now int full bloom, haye a pretty appearance ; one group of aboutt 30 Gloire de Dijon 18 particularly noticenble The standard Fuchain,




 the donble variotice, exhtrited ftom zome outher grovera Mhe beat lot of New PLANTS, undoubtedy comee trot

 in. Linden, of Brusude, sieo exhibits a large oolleoton of




whick must have been ercectad at an enormuut ox peoned, were by no monng suftable; threy were vory darl, rough, and clespag past underatanditng. Orchids figurod rosy pourly only two collhections of al bofng strided, the at prise gotng










$\qquad$





sprigy of Grew Mgrtle dotted ner the R ar onee with the



pleaing. A little atand with podostal of the same fluwera, The patience and the porsprorence displayod in fixi
 in a custom peciliar to nome parts ury nome of thase fry and for the lid of the cofin to be eimilarly arraye Germany
reasons for the abundance of theae plants la German the frivour thay arre hell dis
 thing havach been offored Io lo like manner as for produce, but
are unablo






 Lundon, exhibit mamples of their now ehateal flowe Which they nre attampting to introduce CLir wal, If this materul can be used and made at a Fill be a great acqulsition. Thero are
Feread offalites, alsu for haing for walls if ho ace wo Thicre dre ran. omit to refer to the awards mado for the best transpl mashines for large treen. Measry, Barron
whom wo all kriow an having more practical koowledge wort of work than almost may one, entered ono of
 Piamburgh, and others Yiewing tho meht an
 other, must have gained for Mesars, sutu the ist 1.tl $^{\text {nt }}$ the award io monstrously unjust no one who has

 cleun of to the requilred sface, fond big and Iittle treos th bavo the sama sized ball; 2d, the ball of agrth tak Hesars. Smathi"g machinu, when lifted to its utmost has in ness of the ronds, oven astone, would impede its pro that ther weels aro too high, and too harrow in thair

 Of the show on the whole it may bo unt ther.t. ever, that we could with equal antiafuction apeak of
monts, and the treatment received by the orhititora Royal Caledostian Horticultural: Sept B-g. Baneral features of the groat laternational Fruit Shon
info Socfuty ire notifed ia another column. Fere wo
 ist prise. In this group word good Providenct tus Plaes, very fine Black Hamburgh Grapes, exc dint and mome others of leas note; a bomutiful cluate. of 1 Bu the vacual varietile of Peachen and Necturinas, good park Aprioots Rapporrier, Btrabherrfes, an I I Heriteq



apain were good Victorls nnd Prince of Wales Plums,













 thot dond colour than is gencratly aeen, and, to in ero
8rptrurrg 11, 2809.] THE GARDENERS' CIRONICLE AND AGRICEITCRAL GAZETTE 971

| Duchess of Huccleuch, much amaller than wab shomn by Mr Fowler mome years ago, Black Hamburgh, Musot of Alox Fowler nome Fears ago, Black Hamburgh, Hocat of Alozfom and beauty of finlish, comaldered by al an advance on of, with fair Alicante, Gros Guillauroe Muscat of Mleasandrio, Lady Downe's, Black Teneriffe, \& smallith bunch, with nedium <br>  fir thicei M, Mr if AlexAndrin, Mrs, Pince's, imperfectly cotourad; Trebblano, good; Goldon Ohampion, very good fndeed; Lady Downe's, White Lady Downés, and Alicanta, <br>  <br>  <br>  Mormete, Matuat if Ale xatrina, sha k I'rince, vers goid and uniform. Hr. Wm. Masde, gr. Mr. Bannerman hud Gros Guillatmo was not placed, had Hamin the two bunch Blacy Hamburac, mamed, one Alicante, one Lenty Downes, one fiavoured thite, Grapes not ducluck, ond ineet hoom, and a contertion of Grue, wonderiul to rolnto, Mr. Jobnstome was lat. $11 /$ his the wonder ta hum he brought them and utaged mo hafoly thast another that croated almost a mencation, it wan the det proportions, and then so deneely covered with blooma as In these classen, keepling ont the colloction of Grapes the prises were contatted. Mr. Bryden took alow prise with Balop, had the best riponod bunchoe, but the bornee | Were filled with the praduce of the Farious nursary Anmi in and about tho city, and That Fith the giowing huros of the in the various clegoes, the foterest of the promenader winh kept up is a much more marked degree than heretolore. It imponsible, with the limited apace at onr dispoeal, to toric upon the many intercoting thirisa, far less to dwe.l upon the pumerous stands of florints' fowers. It was pleasent to sea retorm major, madud Jacksoan were large, frash, and full of <br>  by etanding the plant out-of-doors Ay far the best novelty it la a lonk tutn 1, Wi deys xpmute. variety, of a good red fowering Heath. Mr Thombson's Vandas, comprioing tricolor and suavit, were particularly well done, One of the toont striking planta in the hill wain a Lapmgeria rooen, from sevent circuldar thers, Arranged to that the pendont flowers colld be well, meon, and it wis wtudded with them. The Dominy, were shown in grand atyle; And, althongh they humi Travellod over 400 miflem , looked an frosh as been in the The now Cypripedis, in Hariwara a atate and ao full of blown, repreagatati in of a Faraisitiod flower kown-supporior to tho Manglodit is a line tintod hanuve, whita a labollum beautifuily yollow and bronzo anpala and potala, and a Lroad, , almont quad - rangular lip of darle and ahadod purple, with a broand bolt of of white at oxtremity. ln Cattioysa there wara lablath, <br>  <br>  enchanting by the addition of a hery if Fit lice Thity, weth. <br>  |
| :---: | :---: |

$\mid$ hive, would doubtleas be correot, but can rarely be done eroept with hives worked on the same proly betple
as the Stemarton, With regard to
Wan mentioned by "A $B$, wherem of the clergywere conveyed into a darkened cyacth-house, and the bees drummed or frizntened out, and allowed to fly buek to uneir respertive stands as bat they might, it may at first sight appear stranke that (h2 queens should But it 1 हnot sn if we comader that futh the queens had most probably been born an ${ }^{2}$ (Thre'), aud had taken their virgin flights from, where they were located They were both to a bertain extent, anquainted with t some previous time trasosferred to the stande from astance, havian the stume ond queens at their head, they would in all probability hive faled in reachirg their proper stands. A friend of mine had in his apiary a stmalar instance, in which, after driving a swarm of bees, and falling to disoover the queen, which he was desirous of apturing, he at lengtit found that got brok to the old stand, uniting with the staraglere, and onternit ths deonv hive placed there for the parpose of amusing thern She was a young Ligurian, which Fedding flighte from the same spot. Lowever, the plan of driving adopted by the clergy man is by no meante to be reoommended. Thousands of bass must have been unable to fy, or to resoh their oomptnions.
The saorifice of brood also in this oate must have been very great. S. Bevan Fow.

## Miscellaneorg.

Coal Plants.-The substance of the coall, although entirely oomposed of vetsetable matter, seldom contains
fragments chat can be recognised. Theso abonail in fragments that can be recognised. These abound in
the beds above sad below the coal itself. The cosal s/ways reals on a bed of fiue mud ohanged into stone, and called shale. This is generally much lighter in colour than the other shates of the series, and it aboluds in a fossil named Stigmaria, from the number
 the roate of the. दreat trus whose remains have chietty formed the cosl which rests on the shale, it whoh these roots are still embelded. They were large, fleshy
roots, and gave of numerous long cellular rootlets from the pits, with which they are completely oovered. The soft structure of the rootlets, and their great number, moisture from the wet soll in which sharge amount of brees to which the Stugmaria belonged gad a very gingular nspect. They were straight, simple, or 30 feet, entirely bare throughout the greatest portion
of ftom longth, buit iunsaly covered on the upper part
 oleviled flatianed ridgos were ofnamented with the
impressiuns of the fallen leaves, which es they very resular, both in their form, and arsage were gach upecies, zaro rise to the name Sibiblaria, by whiob the fossils are known. The trees hal an appearance simflar to that of the 1 tamense lenfless Cactuses of Ameride, except that, instead of spines or hairs, the lossil bore true legves. From this resemblance some
Daturalists have believed them to have been ancient Cuctuses, but the structure of the stetn, and esperially of the fruit, proves most conclu*ively that they occupy a much humbler place in the vegetable kingdom, and are true Crsploganis. The fruits which are preserved with plants as to indicate the particular speoies to which each kind belonged. Only one observer has hitherto detected the frut of S1gillaris connocted with the folage and stem He found it to consist of several small roundish cases, horne on the somenhat enlarged basea of the leavos, These cases did not contain seeds, but spores, and the structure and arrangement of the related to the small creeplag plate hrees are very nearly found on our monntains The Sighlaria lived not only in the clay belnit the coal, bat found also a the matter whin subernuently formel the eoal. When, from a clsanzo in the sevel of the surface of the land or other causo, the coal was submerted, and
gradually covered with mud or sand these trees stood erect, and were surrounded by the mud or sand. They Wha formed. These short trunks in the roof shale of a oal-mune are source of berious danger to the minar containing them dries to some extent, and the truake, somatimas two yards iu dianeter nad saveral feet high easily saparate from the rook because of the layer of
coal which burrounds them, and often fall on the Workmen. World of Wonders

Brier versus Maneltt - Esop told the gardener of his master, $X$ "nthus, that the earth was a step-raother to those plants when were incorporated 10 to her soll, but a mother to those whith are her own free produchon; and wherever the Dog tove fiourtistes flow ours hedgerows - now detikhtsog our eyes with is and we follow the arne or the fox too wilaly-there the Brier is the aloci for the Rose 1 ktiow that. deapite the dretum of Asop, $n$ ar sen thas beeu tho ingute nownca to that loreign Rose which took the name of havelit from him ind raised if from zeed, and which wes sent to Mr. Riverk, mare thao 30 yan simes, by 8 unner Crivelli, from Oome I know that the
Italinn refugee is acolimatised, and that in hundreis of









 Yrown and boo whis sote on y from my orn oxporiene





 them ("Journal of Horticulture," August $13,18 n 8$ ),
timer general use the Brier is doomed; ithe serionsly of discarding it." But then time to think seriolusiy of discarding it. But then "Exhibitors will not doso, I believe, for the maiden
blooms from a Brier ars superior to those from the Manetti." But no earnest lover of the Rose will be astisfied with inferior blooms, having the hope of better; and it should have been stated, accordingy, not regard to those unhappy loenlities where ut cannot be grown. If your lot is east therein, my amuteur (but
do not think so without o trial), you may grov Roses
 and on the Manetti, but I do not urge you to compete


## gharden oppration\%.

## (For the enswing tecek.

Plant growers lawo not had a very favourable aeson for the cultivation of those subjects which require sunny waather and natural heat to produce
Wellodeveloped wood. For many roeks after the full summer term had comzonced, dill and cold weather weeks of bright hat westher will have afforded some compensation for this, if, as I suggested ahould be done, tures, viz, greenhouse plants placed in shelered
 remover intur com homses, or moll wheries, and other call the cultrator's atteraton to in conbection with the above remarks is, that considering tho vielsitudes already experieuced, we must eqrelulf guard our plants against any further fluctuations of temperature, it appears at all likely that a cold period has arrived, and which may be anticipated during the early autuman. Alrasdy we have experienced a fow cold nights, especially on the egth ult, when the thermometer fell very being grown in pots for the decoration of conservatories and greenhouses in the early winter should receive copious waterings with liquid manurs now that thoy are in their fowering pots. With a view
to perfect a good growth, let the fowers be pinched off constantly. They will ripen their
wood nn 1 fower better if it be possible to stage them in a fully exposed, open, biry situation under glass. Other subjects, such as Meliotropes, Ageratums,
Salvios, nnd "tree" or other Tiolets, \&ce, would also be much beopefited it they were treated in a similar manner. Pinks and Carnations should also be potted ghould be placed in a conl, shady aspect for a week or
two, where, if occasionally damped owerhead, they will not fail to take hold in most instances, Pot off Seeding Primulas as soon as the labe successionals are Which can be kept rather close and monst. Glowinias Which have done bloomine should beplaced in a rather expoes and dry situation, so that the bulbs may
become thoroughly ripaned before storing themsway bilch early grown Caladiums as are now showing sigus iot, however, permit eather to become too dry at the root, or by this or any other means cause them to ripen
off too quickly, but secure by means of waterings, which of too quickly, but secure by means of waterings, which - pentle transition into the dormant state.

## FORCING HOURES.

I again auggest the desirability of pruning the earliest Fines ss soon as the wood is thoroughly matured. After this operstion tass been performed, immedtetely litter, and give the house a thorough kood cleansing Any alterations or improvements which have been planned, should he thoroughly entered upnn and brought to $a$ finish. In late Frineries, which are now ripening their fruit, let a dry atrosphere be mantained; the aponer the colouring process is inished the better. Where shanking occurs the berries should be removed as quiolly as thes nre obsprved. The only other particular atteption requisits, spart from the ordinary routive, is to protect effeotualiy the fruisamen
the in roads of Wasps and other stmilar pesta, which have in all $P_{\text {ane-pits }}$ contaming stieker successionals which are rootet, and others a stage or two in ndwance, be
slightly lowered now that the days shorten, and which are likely to show in from one to three months" time, will be better prepared to withstand the adverse weather we may then experience, if the night tem-
perature be also gradualiy lowered duriog the first dul perature be also grarfually howeren during the first dult safety down to some $8{ }^{\circ}$ to 10 above temperate: or say
a mean of $60^{\circ}$. Letual fruiters should have a good a mean of 6is. Lctual fruiters should have a good sary conditions of moisture, and, when practicable,
frosh air. It will not be necessary to shade any alter fresh arr. It will not be necessary to shade any atter the great benefit which accries to all Poach and wectarine frees at this season, by being well washed attach great importanen to thes operation.

## GARDY FLOWER GARDESS.

Those who lave given enpions wateringa to Trifomas will hare been amply repard with abundant spakes of
fine bloom. It winl be adyinable now, however, to withhold water, so as to afford tho stools the opportumity to perfect what foliage they have made, and Yo somewhat to rest beforo wintor becomes too severe. similar plants receive from frosta than sny other cause Finish planting all Piafos and Carnatios without further delay, Make the neceasary preparations for
housing Auriculas when needfui. Prepare the beds for the reception of Talips; they delight in a good rich fibrous loam of good depth, and with a liberal quantity of thorottghly demnmposed mantre well incorporated therewith. Ittend to the taking up, \&c, of all spring-
lowerinu bulbs which stall reman in the ground, where necessary, beforo they commence growing freely.

## IfARDY FRUIT GIRDES

Remore all lateral and fore shoots which push upon prove bencficial to them if the points of the moderate and Weakly-grown shoots are pinohed off. Many pests, such as FBsps, blue-thes, ant indeed, the Lady-bird, are now to be puarded ageinst, for they make sad havo With the wall-fruit, Ihere are fow better proventives in regard to Peaches and tho ake than cotton-Wool, small crops exst. A emall portion carefully wrapped round ench fruit proves a good preventive, as the pests dis not care to come ith too close contact therewith.
liasten the remnval of all olid canes from Raspberry planfations which havo fruiter! they not only impovarsh the young growing rods, but alsn contend for their part share of all hight and air hesides, to the detriment of the rods. Remove now all oferhanging foliase or growth of any kind when shades the fruit
upon Tomalos from the direct rays of the ain, and so upon Tomatos from the direct rays of the amn, and so aid the ripening process by every possible monna manime will be likely to melte than quicklr Sime few parly Perars wall now need gathering. Wheas sumald be examened pertodically unthl it is seen that they are fit. To hare them remain upon the trees antit they benmo thormanhly sn, is to submit
them to be pun tured and otherwise injured by the them to be pun tured and oth
many pesta already roferred to.

KITCHEN GARDEN.
Two or three successional sowinga are still necessary in this department. These comprise Letluces for the ind time, and Australian Cress to stand the winter, Onions should now be drawn ; and after being permitted to remain for a fow days to dry or ripen off should be atored for winter. Iake the main planta tion of Cabbages. If these are planted out upon the old Onion-bal aforesaid, with no further preparation than the necessary hoeing and clearing off of weeds from the late crop, they will do much better than when planted into loose, freshly-dug soth. JIake the final ingathering of Camonile fovers, and immedtately the crop has been secured cut away all the blooming the crop has been secured cut away all the blooming
branches before winter down to the qround hae, that the stools may re-establish themselves. $H^{r}$. $E$.

## TOFN GARDEVING

Hyarinths and othor bulbs are now appearing in the once before all the well matured roots are sold. In
Beleatian the Hyacinth see that the bulbs are firm and of good form ; and tf the skin is eplit at the base of the
root so mueh the better, It will be as well to put a few in glasses at once for early flowering. The glagges ahould
be filled up to the root with soft water, and placed away in a dark cupboaril till the librolls routs have half-alled the glass, when they shoul! be brulnsht forwar 1 to the wight ; or they may be grown in praizo pota, filled sand. Tue roots should be pressed in till they are about half coverej, and pla ed on slates to keep out the Worms, sud in some convenient position where they can os burier abrut 2 inches deep in cocos-nut fibre or the should be uncovered and brought into the house or frame sheltered from the frost. Where there is room they will fower freely and may be planted therein: ther flowerng thernmeriak. He stems of the Pompon Chrysanchould now bo untued, and some the beds and borders be pegged down close to the edpe, so that the borders may form a full aloping bank of flower, with foliage to the ground. A good watering of liquid manure, glven Chryanthemums, $\sqrt{J}, D$.





STATE OP THE WESTHRR AT CItionirk,




## Notices to Correspondents.

Buteray Soses. Jumet Sow, We have reterod to your was not necessary to express gour doubt as to the perform:-

 iag," "and "Tbomaun's Flower Gardell.














| your rooth of Lrettree, Fadive, an l Bulets, wre shose of 2 species of Aaroth, a sodus of Fu'tuslir. They are so subterranean in their hulsits, won at mubt raruly c maing quile abore the surface of tha groand, th.ot we $\mathrm{knj} \mathrm{m}_{\mathrm{t}}$ of no remedy better than that youl suggest, of "catching them and killing |
| :---: |
|  |  |
|  |  | abore the surface of thes groand, th.tt we knst of no remedy

botter than that yoll suggeat, of "catching thom and killing


 The only remedy wo carn suageat ian-14t, do not depend upol they maybive been extaistel hy tearing pruvionsly; 24 , antagoned fram tho outer nir and, 3 at, indepondently of that
excluded occasional amking whith the berds require, tho
ahould be mizhty damped over at loast two or thred dally whilat in fitl bearing cousta
wo
$\begin{gathered}\text { NHE } \\ \text { Str } \\ \text { lhot }\end{gathered}$
Hlitum Firgatum, the

 pomedbly a qoedlung



## 



manner I captired mine in one night."
 atandard Ruaes ; the Brier or Dog Rose is bettor.
may bo budded fram July to September fuclusiro.




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POLEE'S TOBACCO POWDER for the Prevertion




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LTVD DRAINAGE-PLAS MADE, LOAVS





 Tenamus nuny alno, by arrangement bith
The outlay, with all omefne expenses, mey be charged on the tie Laudownere in a zinorter lartio




 on Decomber that has not hoon oxhlititd beoro 18


## Che Agríultural Gazette.

MESETINOO FOR THE BNAULNE WERE.
 19 Camarihenchrixatcultural, At Carmarticu.

The readers of a lately-published paraphlet, on the trentre of land in this and other comintries
will reoognice manh of it as heving alroad will recognice mash of it as haviag airandy
appeared in lesding erticles of this Journal. One appeared in lesding articles of this Journal. One
of the most ralued of one contributors, from the very first year of the Agricultural Gazette til the present time, Mr. Rosiryrs has fought nobly during the past quarter of a century for freedom, large-hoartedness, and liberality in all that concerns the relations of those engaged upon the
land, whether to one soother, or to the subject of their common interest. And in these pages, bribtling and blossoming all over with the brightest, aptest illustrations, he has once more returned to his farourite study, presonting to his constituents the argument which circumstances had propented him from laying before the Bonse of Commons.
Movtri-AND-Foor complaint hes, during the last four months, extended half over England, and reports from the Contrinent prove that it exists to an unusual extent among cattlo and sheep in various parts of Prussia, Holsten, Schleswig, and also in Sontzerland. Soveral times during the last 30 years cattle, sheep, anil pigs in this country heve suffered from the ravages of the disease, and the present outbreak
promises to take lank with those of $1840,18+5$. promises to take lank with those of 1810,1545
isjo, 1081 , and 1802 -periods which are wel remembered, among owners of dary stock particularly. It is not intended to enter into a
scientific disquisition upon the pathology of the disease, nor is it required that we should attempt a minute description of its symptoms, Which are sufficiently familiar to most farmers of experience to prevent the possibulity of any miatake being made respecting the nature of the illuess. The management of the sick animals is to the atock-onner more important than a correct knowledge of the specialities of the malady; aud it is this division of the subject Which seems to be in the least satisfactory state. Very extraordinary proceedings are sanctioned by custom under the head of remedies, and not one of the alleged specifics which have recently
*"Land in England, Land in Irolund, aud Land in other
been made public for the cure of the malady will bear the test of expreriment.
Befure it can be consistently asserted that any given remedy is a specific for a disease, it must be ascertaned what is the ordmary course and termination of the disease when left without remedies, and we cannot help thinking biserration in this emermen $\begin{gathered}\text { wrn }\end{gathered}$ than blindly adopt the recommendations of ignorant quacks, their animals, if not them selpes, would be the better. Ifow aftor have cattle attacked with foot-and-mouth discase been observed to recover rapully, without any treatment beyond gool nursing? The affection appears among a herd of cows; the animals are at irste much dispirited, cease to milk is diminished, and condition is rapidly lost. In a fey days, if they have been well tended, supplied with soft food, and properly sheltered, some improvement is perceptible; in a week the signs of recovery are more decided, and from this time the sick animals gradually regain their wonted hualth. Daring the whole time tho sprygelous ofimilk has perhangumonnted to a thard as a little ores, sometimea, 21 the middle period of the disense, very little mik is
given; but from first to lant, among a number of cows, the estimate which we have given will be found correct. What should be dono with the milk which is secreted during the progress of the disease, is a grave question, into which we do not now purpose to enter, beyond stating that from the investigations which have been recently made, it cannot be loubted that its consumption is highly deleterious.
Observation of the natural progress of the disease in animals which are well tended, proves that sponfaneous recovery is almost invariablo; the affiction passes through its stages of incubation, fever, and vesication; and soon after the formation of vesicles convalescence begins.
That a very different result attends the roglect of the early signs of the disease, or the illtreatraent of the animal during its course, no practical man noeds to bo told; but we are describing the progress and results of the malady under favourable management, irrespective of
merlicines. Unrexpmrience has tanght us that the ordibary termuation of the disease undor a system which may be properly termed hygienic, is a restoration to health in a comparatively ghort period-which is not, so far as wo have modical treatment of an active kind.
Eygienic treatment incindes scrupalous cleanliness, daily washing the feet, by simple affusion, with an antiseptic fluid (for example, nne part of carbolic acid or chloride of zinc to 30 parts of water), remoral of manure, frequent upply of dry litter, proper ventalation, and egulation of diet to suit the condition of the animal : in some instances, from the state of the mouth, nothing but gruel will be taken.
All applications to the mouth are, in the early stage of the disease, more likely to do harm than good, and the administration of medicine by means of the cusual horn or bottle is often attended with injury. When the resicles burat and do not heal afterwards, a little astringent totion of alum or sulphate of zinc (two drachms of either to a quart of water) may be poured into the mouth and allowed to escape again, but it is only in bad cases that even this is required.
Medical treatment is only called for when the diseaso takes an uafarourablo course, and theo it may be accopterd as a fuct that depletive re-
medoes, bleoding and purgatwen, whll make matters worse. If the ammal sulfers from high fever, half a pound of sats may be green in water or gruel ; or half an onimee of nitro may be disoolred in half a bucket of water, and placed Within the animal's reach; the dose being repeated daily. The feet should be kept choan, and if any signs of soparation of the hoof appear. the parts should be dressed with carbolic acid or chloride of zine.
Tonics and stimulants are required in some few instances when debility of an extreme kind supervenes; but in common cases the animals recorer their condition upon liberal diet, without medicine. Uur advice to agriculturists is to refrain from "doctoring" their anmala when affected with the prevailing epizootin; nurse as carefally as possible, and if tho disease dnes not proceed satisfactorily to its ordinary termination, call in the aid of a competent veterinarian instead of the cow-leach with his "cures." Foot-and-mouth disease, like smallpox, has a
definite course to run, and any attempt to arrest |tion, because thin sown corn may appear scant at any rate, experience proves that no adyantage at any rate, experience pro
io ever gained by the eftort.
The thick ami thin seedne question appears to hare low but little, if any, of its interest prove his sulo of tho case, whilo a communication from "13. N. F.," which appeured last week, informs us of a comparatis t tial botheen thick and thin sowing carrind out by him dunng the present season. The result, so fur as our corre-
Bpondent and his bailifr can "judge", is nut ppondent and his bailiff can "judge", is nut
decisive one way or the other, and he cannot come to a conclusion as to which is best. In one case the thin sown ( 1 bushol to the acte) is as good, and in a recond case not quite so
good, as where 2 bushels have beon unod. Sucls is the so-called result, and we would add that
 ite Referring once more to an urgent adyocate of thin sowing :-who is going to beliave that because Mr. Mecur finds thin sowing to succeed on his pioce of land that therefore we are losing acting contrury to his advice? Tho letter from acting contrury to his advice? Tho letter from olearly that the lest quantity of seed to be sown depends upon a variety of circumstance, and also that Mr. ME, HI's explanation of the rootfallon condition of much Wheat thas season to be interested in experiments, definite, of thiok and thin poediog upon the subject on one farm, of thick and thin seoding-not on one farm, since two reports cached us, diametrically opposed, reganingt the prospects of the thiuly
planted portions. One gentleman said, "I arm afraid the thin sown is going to be by far the worst-1t is very blighty", the other, on the, going to be a good experiment; the corn is cut. and thero is mole straw, with crery proispect of sown corn." What are wo to conclude from this and similar contradictions? First, that it is most absurd to lay down a general rulo without a suificient groundwork of facts; second, that as
it is evident that thin seeding is beneficin in some cases, and that some soils, on the other
 to whether thatk or thin sowing in goneral is right or wrong. It is somothing like arguing for or against a certain courso by circumstatces, Are we to supposo for Mains, ment that Mr. Wrison, of Cidington Mains, adnots illy an opposite viow to that
propounded by the "thun soedors;" or rather 2 bushels permen acre" is based "not less than Mexperience: We beliovo Mr. Wilson, and Mr.
Mechi also, each in his uwn sphere of ubserva-
tion, but we blame any agnacultural teachor who
on those who resile iu a diffurent part of the
country, whthout making alluwance for pat of the
in climate, soil, and variety of Wheat cultivated.
But when we see men, who are in earnost about
apon two sides of a subjuct whach argumet
never setlo,
never settlo, Lut which leadily j jelde to tho test
of trial, we can orly como to one curclusin in,
namely, that there is a great difference in thie amount of seod which ought to bo sown unlor undertaken to finit out the right quantity for hot own farm, he ourght to lose no tume in doing so.
We would, however, sugerest that in att. apting to soive this rucstion, ho sha, lud approweth it measuro offa series of i -iutio plithotarce, let hiun of less dimension, atid asportion to each a certana amount of soul, - to tho thist o pecks, the soconi acre. It would be aulvisable to repoat osch plot at lenst twice, and at harvest and threshed. by such caroful oxperninent the best quantity of seed per acre would, after two obtained, and the farmer of the experiment, be the trath ind regard to the vexed quest for humself rersus thin seding. How differant question of thisk to the ege. No method could be more opan to objec-
on the ground, and yet yield well. No test but that of measure and weight can bo accopted in deci ling as to tho merite of the two systems.
infuenced by the short yield aud light aualty of the nafueneed by the short yield aud light qualty of the
cropi, nnd a rixe of 2 , on Mondiay has heen sustained throughout tio wsek. The Barley trado has searcely bepun, and other grann and pulse wero unallered in
value - A larke supply of prime beasts and sheer has cirived prices in Lundon to be lonere le except for sery
cizore qualites. The agrieultural seed trade 15 almost at a standstill.

## Council Leclaring That Gazette publishes an Order in Diseases declaring that Article 5 of the Contapiou apply to any mileh cow brought from a port of ang of

 the countries comprised in the scledulede to thint ordertrovided the Cor provided the Commisuloners of her Majesty's Custom.
are, on each occasion of the
 Britain to that port, au 1 has not hew bayded at that
port, or at nny other port of nay of thood port, or at any other port nf nay of thoas countreeg
and in relation to the lan tinue on any such mileh cow in Great Britain etsewhero than an part of a port defined as a landing-place for slaughter Order, to the effect that thin Article of of the said Order, to the effect that the rassel has not, sluce taking on board the cattle imported. entered any port
of ayy of the countries aforesaid, slitil not or any or the countries aforesaid, slund not operate, pro-
vided the Compaisioners of her Majesty's Custows
 Articles 6 and 7 of the said Order shall, on each occasion, apply to every surlh cow a ad the landrug thereof
and the vessol bringing the same. - The second patt same.

Engish Age second part of the 5ear's volume of the appeared, and wishal eall attention to its contents next weck. Menurnto we may congratulate Mr.
Whe with which har his manncel to phare reports of
 of the just-issuod yart evi dently fivplays.
evil of abortuon in dairs stock, whent atention the
 and herds, often appareatly wher ut explanationt. notwithistanding the great premium which occurrences, solution of the problem. MI. BBRKELEY, whose oontribution upan this snhjijet appeared last wheek
 Uaitod States an offioial, comam mission was appoointed for its investigation; and the results of the American correspondent's lettor, however, and gladly join him in the widh that reatre hl:

 In the sprimp of thats year a favourito e cow slect health pregnancy, sonere then I have hal 16 month gatis gone in that period. They do not aupeqr or three days of I haverione now which not appear to suffer in haellicr calt last night is lying down, chewing the cud, just as if nothing had breeders will bo shank that any remarks of experienced besides your uofortunate correspondent, many, others correspondent adds that since writing the "Po," Our "M. J. 13.," to which ineret the communnication sigued 21. J. 13.," to which we have referred above.
paper at lent following staterments from an American ration, and the beucfit of giving fool in tho best state for assumilation


##  <br> 

## 



##  <br> \section*{Ar. Lawlis fortat fariauceous foods result, th}

productivena forne y roducers; also that to bo nille innintins oll, consumiag from 29 to 301 l of
 Amerienn experiments and estimatee th In the ab Amerienn experiments and estumate, the corn at
the bushel, luf of inorease; 100 lb . of core, ground produced only While the same amount ground, boiled, and ford made 29 lb . of pork.
Farmers' Club on Wedneslay, the Duke of Brat Yort, who had been arnonnced to preside, hle Duchess undertook to surnus, and her $G$. When she entered the tont in which the din ronk placo slie was received with the Jouthesers
was loudly ehaprail firnme the first toast, and men, 3 ou hust mot expect from me speeahes gent sbly tile been accustomed to hear from this chect any one can feel a pride an I per zeara; but I th any one can feel a pride ansl pleasure in giving fod bless her." $A$ fler the other Ducheas roser. $A$ fite
propore, anj than I think Ithe ar
success to the Badminton Farmers Club. May hoppy gathering of friends and meighbours

## 

## enthuswasm. Her firaie, in reapmad

 3 ou hisve receired tho toast which has ber in what all I feel: bat accer, I wish I had the power to gratitado, and believo that [ lave never thate bleasure than 111 betny al Badaintom, and fidio faces." For "tho Nar "ols of Woancester and Blancire Susteraze responded.
 Brak, in 1 an the enerqutie sprike- Lan wherever th gunerally are at ail at stake, lins announced hin Tranqactions." Mr. Ducaray will glso herent Dri kHazt has loniz heeal arontributor to oution. Il anj wn eannot duabt that one so well known in th nogen worli wil! won dave h1* Lands full of the mats he is about to un lertake

- A correspondent, "T. II," has desoribed in the fomes the miseries of 1,00 slieep and 100 pigs during Mr OntMa fiss borne further witneas to the fact the thelr miseries did not cease on disembarkine, for that the to market Now, no one w.ll defes l tho brutaltty of individula, or aiy a word to sereen that reruel aallor to deserves, but it lat plain that the miseries of 12 hour at sea are to a great extent unaroidable, and that th critiersm in thiz case has heen in great part undeserved The aries cabin is, on shorter passages than that from than the foll on deck-and qualrupede inevitably
 Foyage, and it is in the interestrof the stock themselvei
that thay are somewhit closely jnachal within their pens. The moly thang, exceptink inividinal cruelty, to
Which "T, H.?" criticism does with juatice indin nantly refer, is the cruel rouzhnes- of the work more patience and ennstderation, bo sooonalitiod much wore caslly and quitely.


## OTR LIVN STUCK

THE sale of $\mathrm{S}_{1}$ N. W. Throrkmortoits Suscer sheep and Berkshire ptgs, at Bunklind, pear Farmezall, on
 pens of epres at from Lord sudeley, purchid, and one par for 85s. Mr. Nevile Grenville also bought a good pent market, many remaitung unsold. Mr. Emery hired a Fery excellent 1 -tooth sheop for 23 ga, and Colonel at Manchaster, and edat the Bath and Weat of England Mr. Colsey for the hirg of same stim was gisen by Wallor, Hanbury, and Chapman were also purchasers. The above ligh prices were exceptional, many rams fetching from 5 物 0 and 10 gs , Whito others tsmataed
vide reputation，scarcely met with suoh a demand as
might have been expected．Sows made from $3 k$ to
Sone 6 migat have been expected．exreptionally pood ones realised as nuch as 9 and ling＊loars were bought at sumalar prices．
 Itesser＇s fameus ston $k$ of Cotsweld alcefy at North
Iencth．A lloek bred for upwards of 43 years under the eye of surh a master as Mr．Hesecr can hardly fail to have arrived at great perfection．Wee are
informed by the ale card that rene ram namoless
 prises jul erses and thenves，all of wharh will be put up
by Mr Fillar iu lot of five；there are rion ram lambs
 on－the－Water，and 19 from Chelionham．The Bal commencer at＇s o＇oloct．
－Mr．Barclay＇s sale takes place at Keevil，ofs Tuce aly，the slst inst．The herd is sumall，compricine are young calves．These represent many excellent strains of blood，mostiy of Boow origin，amonf waich Lenton Iancaster tribes An authority，in desoribing nome of the best animals of this herd，says：－＂Pan－fam day＇s sale Seraphata 13 th it nothle mow par se．and the mother purchase and a lurky one The bull in mout froutuat （ 21,212 ），bred by Mr．Bruere，it member of that geatle YRINCE GFORGE（ 13,5111 ），and Jesper，by KiNo ArTille．Mr Burclay kise anga for hime he is several prizes，and is the sire of many prize animals． Among others of note Star of Brizthenite，now Mr．Cochrane＇s property，was ant by him，nnd in
 of the lai pirize in a lirge claw of garling heifer，
at the Highand Socicts＇s meeting at Edmburgh，
apecialy so．＂

## RNCENT RAM S．ALIS AND LETTINGS

Lincolnazres．－The aged and last year＇s male produce
tho old panton flock were dirmeed of on Tuesday lagt，when Massers，Dudding had the pleasure of enter－ tman breeders in Lincolnshire，and slso of reoenving prices which up to this time are by far the highest of

ram was bonght by Mr．J．Pritchard，at 15 gisa a II muls，at as a．The average proce obtaived for the atock of raus ives hai It IV lirices realised for the Wimptanles，of Salishurs Subumited to public Fom－ vetition tlie flock of 1 Famphire lown sheep beionging hrm．The sheep numbered altogether－ 11 The he $r$ lambs realised from 40 and anm to ans．per hex per lead，the ram－lambu from 14 㢈s，to 4 as．，some
 2．tceth rams， 11

## STORY OF A REAPING MACHINE

OR THE ADTOBTOGRAPHY OF AN＂OLD SORRW． I Was born 11 years sgo，in Essex．I can just remember being painted＂extra，susit＂＂sod packod of meeting though I sav no Royalty there but I mell recolleot mir present master saring that＂he had bought me，and he hoped I was worth the very long price he had paid for mesrfolk，and sef to work at once
 in things weresul hf me，but I 3．d cut sorts well，an mitted that I might manige a small upatanding crop o raxcome to take their harpest hroad out of then mony One thin，sallow fa ed man alone stond app for me，and his praiso was not over flattering，for he declaved to make the horses afraid of me，and twisted me round an sharply that they antually wrenchad off my land Fhecl Ind，oh：hos they did swear when they had I cut a monil bit of Whast that year，and next harrest I had my firet tral with IB arley．It was soft wonly my sallow－fancel friend loal taken quite a i on ita man luek，and pat it in his Iekct，but I surnelinir fon．ed seemed to like me all the better，for he exelaimed in the valarar tingue of E．st Angh？－＂Dirn 3 mur ol strughled on，and all my drivinaz－binds fless nil，till at last they sent for another horse，and then 1 ment ofl
rindit merrils，and have lial thiree hores zoked tis me The following senson I triad my hand，or rather

 to he jostled over rough ground like that， We had finished harvest a day or two，and wa left to sun myself in the field which I had last cut，
when I was startled by a loud snortmgen nose，and two great teram－engincs came rushing past me，pulling a
more ungang－lo ik，ins implestent than I am betweon
 and certamly sine then I have lad nice level ground to work upon．
and wondered
muit be ollizer to run to and fro than to be lugged slowly round and round by horses．
have worked upon four diferent farms since came into Norfolk，but I stiok to my old master，and have now connpleted my elevenith harvest． have had 14 days of shapp wark，and bave out nearly 200 acres of Whent，liar．ey，Beans，and to ano beane Ber my
 say its，it is all fairly well done．It is no use for my field or two of Barley．If ho will set me to work in the dem，and grow so much Clover and crab－grass among his rorn，I can＇t cut it olead，and don＇t believe any
 of corn，and I think that is a better testimonial thinn a whent strig of medals and prizes．But I obn＇t do
crest ins，wi I don＇t mean to try．
 never harvest akain upon a farm where there was no reaper．＂He thought＂elose upon $i$ ，for 18 sireatin dhays＇work was fair pay，and that he shouldn＇t wonder
If he was drunk ail next week．＂＂Tou should marry and join a olnh，my boy＂，said our careful driver；bu he stmply answered，Clubs and women bo－ omudn＇s catan what thes were ta be done with，but，by has manner，he did not seens to think favourably of There are et
There are ever so many new reapers close by our arte this year．There 1 s the Lixcelsor，the Luhipse and I don t know how many athers，and all seens to give good satisfaction．But it was very gratifying to
hear my master say－and of courso he 8 seen them all at work，for he is af ways loosing at new things－＂that taking all sorts of crops and all kiads of cors，none of hem can do better than my old screw
I don＇t know how old anyone should be who attempts write an sutobiographs，beause have now
am old，but why should In not live to double my age My shoe and my flapers are sadly wom ont I can happily，be renewed，and much cheaper than Madame many nou have bowe it，for freave hat ever so kinses I thitik you call them．I gratefully acknow－ roud the care that has been taken of me，and am h．e day $1 y$ that my body aud bolts are as sound es on am uticely cleaned，olted，and puesed away Twice 1 have been painted，and I hear that I ams ing to have another coat this year．I nhail thit be stowed aloft in don＇t mind the rats and sparrowa，but I do wish the hens would roost somewhere else．I should then lool I hope in September，1880，to finish my story

## THIN SEEDING

［The sollowing amuang difecussion of this gubject han sppested

## Woolston tpon Tiptere．

Mr．Mecri has recently been talking to us in the Weekly papers，ss well tis in your paper，about thin Mr ．Mectio mys that he drills t pecks of the ace． acre，but in some of bis fields this season it is far too or root fallen，Whereas，where he drilled only 1 peot and 2 pecks per acre，the crops are muol better，entirely free from atern－rot or roat－falling
This is good data as fir as it goes，but let us look a little further．
I have not seen Mr．Mrech＇s faria，but from what he tells us and what 1 have heard shrough persons who have seen it，I heve every reason to believe that it is a lot of poor land very highly menured；but as he is frequently telling us abous pieking Docks in the spring and burning Twitch in the autumn，I cannot believe that it is over cleat．Hereafter I will show what this has to do upon the seedıng question．
In this nteighbourhood there is a large quantity of poor land running through this parish on to Bletohley and away on through the county into Oxfordshire．It is \＆enarally occupied by tenant－farmers，who pay rent and all other taxes，as well as the labour on their latid in a way to enable them to do all this as well as reep themselves．The quantit，if sperd Theat uenerolly used on this poor land is about 8 peeks per acre．Undt farmers use that quantity now，and Bome of our worst farmers use a litile more．Before and in harvest I dove through a considertiln 1 lart of this poor land f．our best farmed land were good full crops，free from on our befling a and ripened well，white on the midudingly farmed land they were thin on the pround，with a goo deal of root－falling among them．This shows plainly
that there are more causes than one for root－falling．
 to che aore whas enough，and for sozae jears pust I have used for the crop just harrested，which was \＆most encellent one）This shows that paryine circumstance neoessitute a perying quantity of soed on the samo cliaracter of soil

## Will it answer the purpose of the best farmers in this

 freling in enable them to reduce thoir quauntof of seed Whent to four，or less，pecks per more？Mr．Mecchi＇s balance－sticet，puljished in the agricul－ profit of at per cent upon an tenant＇s caratal of luate a aore，from w！uch he had to pay rewt，interest of money， and pay or hally over，I foumd that ho dreat 150l．frowi his temant＇s capital，with wheh he helped to make this 98 per rent．up，and I also foumd that ho entered his sterapes（roms Autunt to leecmber（the perind durnag which be sold bis Wheat）showed that the reneral farmer made only 5 is jer quarter．This lonked strange to me，so I set to and deducted 108 a quarter from the prtee of his Wheat $\{$ wherh I was fully justi－ fied in dojob，for it was bhown that a larwe percentere it was Rivetts，the very worst quality of Wheat that did not make so much as 63s．of any of his Wheat） and added it to the 150l drawn from the tenant＇s capital，and deduoted the lot from his 9 per cent
This fixed him in a mess，for he had not a penay for his own labour or for interest of his money，and not
 fural Gavette at the time，withoul his Siving me word in reply．Thus it is quite cheat that it will nothe for
 enable them to reduoe whir quanity of it ans wer the for they m purpose to adopt my plan of reducing the quantity of seed Wheat needed ？

## In two lettars recently published I show that by the

 and of stcan－jover $T$ imin now reeping my land rlean and making an average seed－bed for 10 inches deep；wherese The cosi to our best horse farmers is quito 20t，ang acre a．year to work the same kind of land 5 to 6 inches deep． and I also showed that iny produce our oco suinst this year sould aperage 40 bushe ourer acre armainat on like soil．The only assistanco that my land bas hga bergond the working it deeply by atam－power，is thre straw grown upor if convern sioted hat the super the and of either cake or corn），assisted hy sithesupe976
THE GARDENERS (HRONICLE ANT) AGRICTHTRAL GAZETTE
phosphate for the lagt two years only; last year with 2s cwt. per acre, and the year before with not so much.
Now, 1 us co into the calculation, fixing the price of corn, Wheat, and Beans at 5s. per bushel :-

Prodnce, 23 buabels Horee Farmang.
at $\$$ s.
Cin 0 Seced-bed
Sced Whent, if bus
Gain for rent, de.
f5 150
Produce, 40 busbel


This shows plainly that a farmer can reduce his seed Wheat better by deeply working his land than ho can by deeply manuring the top 5 or 6 inches of it, for his labour, while in the latter case $4 l$. 5s. an acre cannot labour, whit
do much for him after pasing reut and labour, se
William Smath, Hoolslons Bletchley Slalion, Buchs August 30 .

## 2. Tiptree tpon Woolston.

I am a great admirer of Mr. Willam Smith, of Woolston, for his untiring exertions in behal of steam culture and deeper cultivation. 1 am ake
firm believer in both, and 25 years ago inoke up most of my land with nine hove the first plough, the Deanston subsoil plough followin in the same track, drawn by six strong horses, This operation followed thorough draining; the two opera-
tions forming a durable base for subsequent profts No doubt steam ploughing, had it then existed, would have done the work much cheaper.
I am sorry that Mr. Smith has descended to misrepresenfation of racts in the rather odd jumble of
gatters that constitute his letter. When my statements cease to be trathful I shall bid adieu to any influence I have in agriculture.
mall volume I send heremith, pare contained in the they the following results- $-186{ }^{5}$, net profit on tenant's capital, 18 per cent. : $1366 \sigma_{\text {, d dto, }}$, 0 ditto, 18 per cent. : 1838 , ditto, $9 \frac{1}{2}$ per cent., average of
four years, $12 \frac{1}{2}$ per cent, or $33 s$. .d. per acre net profit, four years, l2t per cent, or 33s. wro. per acre net pronts for improved rentsl. These balance-sheets are not and received, and the annual valuation on stock-taking. I trest myself as an outgongg tenant on the 31st of December
As Mr. Smith has never seen my farm (it has always been open to public inspection), his chasge of weeniI must place the evidence of your two able special comwho said, in your columoss, in $1850 \cdot-$
"Having walked over every field on Mr. Mechi's farm, we have no hextation and anding heat and other cultiva, it is equal to any, and superior to most farms we crops, it is equal in any, and suth (Essex).
This opimon has been endorsed during the subsequent 19 years by thinusands wor's book.
approbation in the bailifts Fisitors book. had falled or succeeded ; but on public prounds it is of the highest importance that we should know whether drainage, deep cultivation, steam-power, and other
agricultural changes are or are not profitable investagricultural changes are or are not prontabl ments. I am glad to find that Mr. Smith has at last followed
my ateps in thin sowing, although he admits it with a bad grace
As to Mr. Smith's recommendation to avoid high
feeding and to depend upon derp cultivation and artificial manures, I would say to young farmers"Don't be misled by Mr. Smith; cultivare deeply, but manure heavily with that cheapest and best of all
manures made by animals fattening on cake and other rich food, sich manure being made under cover. Science and practice have proved that dependence on
guano and some other artificial manures will ultimately greatly exhaust many soild, while rich cattle manure never fails to maintain fertslity
After the imputation so unjustly east upon me by
For the information of your correspondent, "A Durbam Farmer,' I annex the detalls of mifexperience
in reaping with the machine (back delvery) this
harveat. It has cut 65 merea of atrong Whent, besides Barley and Oats, the breabage not exceeding a few, Thitve ares of Whent, out, tied, stooked, and stubble raked:-

## Eorse labour, per acre <br> Binding, stooking, and atubble raking

Twelve acres a day's work for two pairs of horses and ne man, at $63.9 d$. . 41.18 .
The men find the driver ont of the 5s. at about $6 d$. persore. Our men earn bs. per
month, beaides beer, 9 d, per day.
Perhaps your correspondent. will give us details of his enormous outlay of 101 . 4sce or 17s. per sere
Mer acre. My fropt threshing has Fielded within fraction of 48 bushels per amre of white Wheat, sold at ${ }^{51 \mathrm{~s} .} \mathrm{per} \mathrm{qR}$.

## THE AGRICULTURAL LABOURER

## Th <br> The condition prpers and mu Britush

Professor Leone Levi commenced by reading the report of the commiltee onrer in England" The committee reported that they had been obliged to confite their inquiry to such matters concerning the condition of the arricultural labourer as were their first renort embraced only the counties of Norfolk, Suffolk, Essex, Surrey, tungham, Lejcester, Cambridge, York, Northannpton, Bedford, and Buckinghamshire. In theso counttes wages were represented to range from is.s. \& week and Northumberinnd and in Gloucester, to 11 s , or even 10 s . in parts of Cambridgeshure. Where the wages were hest in the diet was better. and Durhem. Except in those two counties the employment of women and children in agriculture was represented of the growing aversion of the women to the employment. The committee were desirous that the geved to memorialise Government to make a thorough inquiry into the condition of the agricultural labourer.
It is the rule of the Association that the reports of committees should be received without dehate; and therefore, at the request of the President (Sir Stafford Northcote), Professor Levi proceeded to read portions of his own report of factsand observations on Agricultural Erononics and Wages. The acreage of the United Kingom under cultivation was 5 per cent. population were employed in agriculture. There was an enormous increase in the use of machinery in 20 years. The average wages were about $12 s$. per week. The number of men engaged in agriculture was ar in excess of the requirements. 1000 acres of arable land, and 20 per 1000 acres of pasture, and the actual number Wages tariad as much as 6 is. per week in different Wages variad as much as gs. per week in diferent
localties. With regard to relative productiveness of different soils, Profersor Levi spoke as follows:-

No data is furnisbed in the agricultural statistics of the degrees of product1veness of the soll of diferent countios; but if the presence of wate and elevation, be a safe indioation of a good soll, we find that the south-western monties have double the quantity of acreage somn in Wheat that the Dorthern counties have. Who, indeed, that has seen boin Devonshire and Northumberland can fail to perceive the great advantage of who at all acquanted with northern and southern farming is not convinced that the northern farmer ba made more of his land than the southern? Compare for instance, Lincoln with Devon. The soil of Devon is new and red sandstone, always produetive. Lineon's poor, yet what is their rela ive productiveness
following is given by tho Farmer as the rosult of the harvest of 186

Lincoln, Alford
And what is the reason? In Linooln everything has been done to remedy the defects of the soil. In Devon Nature has been left unaided. Should we calculate the return of the soil from Grass in both counties the result, perbaps, would be different; but my objeots by show what has been achieved in Lincoin, n, on the the larger investment of capital in land. On the doubt as to whether any undue share of burden is put upon real property; but if such an inequality should be found to exist, it was all mportant that it shour upon Devonshire as follows:-" In Devon my first visit was to Halberton, a parish of 7600 acres, 1 hif arable and hali pasture land The cottages bave generally thatched roofs, and they are construnted with cobIn many cases, where they are in pood repalr, they may be warm and comfortable, espectally if kept dry at top and bottom. Indeed, a local aph heart, last
Good cob, a good hat, shoes, and in areat want of repair, and with their open roofs they seemed
somewhat cheerless. Those I visited generally contained a sittingroom and a small back room on the ground one berfroom only. In one cottage, the family, conaisting of a man and wie and hel ines In another there were e man and his wife and four ohildren. In another a man and his wife, two grown-up sons, and a grandfather. On an average the inmates numbered was $1 s$. del to $1 s$. $6 d$, but eash had a small garden sttached, which supplies a good deal of vegetnbles, and allows facilities for the keeping of piks. The weekly Wages at Halberton were 9s. per week for common
labourers, with three pints of cider per day. A carter labourers, with three pints of cider per cay. A carter he worts longer time per day. Sometimes a certatn quantity of arrat is allowed by the farmer, at Ess. per bushel, but though that makes a better bread, it is not bushel, but though that makes a better bread, it is diet
cheaper than what is bought. The ordinary dien appears to be tea or kettle-broth (being bread in water appears to be tea or settle-broth (being bread in water
and milk) in the morning, brend and oheese for
luncheon and dinner, and a supper conisting of

Potatos and a piece of bacon. The general appearanoe of the people seemed healthy. At church on Sundy Sunday school seemed nis tidy as those in any ordinam Sunday school seemed as iny as those in any ordinary school in inwn, and they 150 children, which, from the report of the inspector of schools, appears to be in a good state of efliciency
"From Haiberton 1 went to South Moiton. Filleigh the parish where Castle Holl is situated, has 2000 acres one-third arable and two-thrus pasture land, and has about 700 inhabitants. The cottages are fair, with uniformly 1 s . per week. There, too, the wages are $9 n$ per week ; but whe forester supplics fire-wood at only
$10 s$, per annum On Lord Fortescue's estate there are on an average, only four persons per cottage. The diet of the people did not differ mueh from that of Halberton, except that the dinner is the chief meal instead of the supper, and fish comes more in use. There, too, I visited the school, which was well aftanded. Thero of the labourers than those of small farmers: the latter having to pay $6 d$ to $\vec{i} d$, per child par week, instear of $1 d$, as the labourers are too ready to find excnses for keeprisy Lord Portsmouth's estate at Ezgeaford. There also the rent of cottages is $1 s$. per week, and I understand that the landowner doesnotallow the farmer to charge higher rent for his cottages. The wagesare 9 s, but a good deal is siven out by piecework. I had also the pleasure of visiting In Jonn Kenvaway, at wecot, bear ofery S. Mary. In the adjorning pat so good: but on the Escot eshat as at other places, I saw how much the condition of the labourers is bettered by the presence of a good landord. The wages land is aiso given at a nomina Ant, education was more cheerine. The schoolmanter knen few in the parish who could not read and write, it Devon it is not sufficient to take the standard weekly Devon, it is not sucherk is pire a grod deal more earned, by which the memo is often increased to 18 earned, by whe Extra pay is also given at harvest timo and at haymaking, for which sonse give a soverelgi, some $30 s$, and some other extra allowatees. includia piecework ande be less than $10 s$. or liss per week. A portion cannot be less than 10 s. or liss per week. A portion these extras doub when there is no work: but nood Wabourers do not loso much from that source. To tho vages of the men we must add the value of the abour of women and children. Not many womea oo be found working in the ficid in Devonsare, ydd the the resources of the family. Isolated cases of extreme penury or comparative cowfort that in such catculations. I sow a case where hith his 7s. 6 A was the only earner of 9s. per week, and wimself and hio vife ent deducted, he had to supparsons. Bat there all carners. ©o an agricutural abourer a famuly of little cuiluren is a bure they learo home, is a mue of wealth. The evi! is, that oftena youth, earaing almost as much as a man, gives onlyd wastes great part of the remainder. Taking one with another, I would imagene that we should be safe estimating the total earnings of a mang of amily of five. If that be correct, we have probably 138.0r per week in money as the average income of is practically devoted to the necessaries of hife, but, unfort nately, even
On the whole he found the condition of the labouref in the parts of Devonshire he visited far from satisio character as described by some. wages in ayricuture were the prevalence of phytical labour and exced the labourers, for the welfare and improvennent on tary education to enable bim to tako the position of skiled labourer, technacal education among hberal remuneration far ikery, assistance to enable the eraigration remove freely roltivation of the land, an eraigration, extension of the cultivation oftues of the
incrense of the commerce and manufiotures country. He also recommenderl lon? piers, removal taxation, extension of railway accommodation in culturat districts, yearly hiriun of labourers by of registry olfices, the zenera ment of wages 14 kma
 promotion of savings banks, friendly dimiting of public-houses, facilities for plots of land, so. He thought it desir number and extent of lasd proprieto acreage of farm holdinge, the
labour, and the produce of the soll.
abour, and the produce of the soul. As to the clasracter and habita of agricultural labourers, there were andoces thera fewer births, deaths, and marriages, better drunken
 macy, than among the rest of the industrial popul wer while the proportions of chuldren sent
nearly equal.
Canon Glablietone audd he hold th offecial documant
bie hand proving beyond disputa that in 1861 th
of

路
 nothing. The introduation of mackinery tended et presiont to reduce the amount of harvent wagees, and the excess of
 alvantary to the labourer to keep a plg. Emplosers protessed
to give fuol, but it was generally roots, which the labourer
had to grub out before he had it. The Rev. Canon protested had to grub out before he had it. The Rev. Canon protested movement, but he had gigined thy sympathy of the country as well as that of moat of the Prese and the Brition Associstina.
Kennaway tormipated in a vote of thanks to Profossor Jevi, and a recommendetion that his paper should bo printed. Some othor cantributions bearing on the eubfect wers brought before the rection. The President euggested that they should Lev's report blould be included.

AGRICULTURAL STAMISTICS, IRELAND, 1869.
[The following report by wr Donnelly to the Lord-Lientenant,
THR collection of the agricultural statistios was carried out this year as heretofore by gbout 4000 enumerators, selected from the Royal Irish conatabulary and Metropolitan Police Force, and they have furnished returns of tillage and live atock on nearly 600,000 separate holdings. The inquiries were, as usual, elliciently couducted by the ofticers and men employed on this duty, which extended over a period of six weeks from its commencement on the Ist of June. The abstracts are compiled from the summaries of the several districts as made up by the enumerators, and may diffor, slightly from the revised figures hereafter to be published; but I do not anticipate that eny importint change whil be required
The total area under all cropu in 1868 was (revisuc numbers)
Sh. $\pi$ ing au increasu in exteutunder crops in 1869 of 27,872 Tho crops which increased in extent this year are-



From the foregoing summaries it will be seen that Wheat decreased by 4,033 acres, Osts by 16,857 acres and Beans and Peas by 8 acres. Barley increased by 31,591 acres, and Bere and Rye by 1,293 acres. Potato increased by 7,156 acres. Turnips by 1,786, Mangel and Beetroot by 2,018 , and Vetohes and Rape by 2,855 mores Cabbage decreased by 736 aces, Carrota, Paranips, and other areen crops by 58 tores, and Mendow and Clover by 22,885 acras. Flax increased by 22,695 scres.

|  | 1868. | 1689. | Increase in 1869 . | Jecrenso in 1869. |
| :---: | :---: | :---: | :---: | :---: |
|  | Acrea | Acres | Acrea | Acres |
| Whent |  | 1, |  |  |
| Barley |  | 1,64,209 | 5431 | 16 |
| Bere and Rye | 8,208 | 11,1\%9 | 1,273 |  |
| Beans and Pens | 3,060 | 0,1057 |  | 3 |
| Total | 2,192,779 | 2,207,970 | 35,884 | 20,893 |
| Increaso in cereal crops in I869, 14,991 acres. Abstract of Greem Crops. |  |  |  |  |
|  | 1868. | 1880. | $\begin{aligned} & \text { Increase } \\ & \text { in } 1869 . \end{aligned}$ | Decreasa in 1869. |
| Potatus | $\underset{\mathrm{H}_{1}, 034,691}{ }$ | $\begin{gathered} \text { Acres. } \\ 1,041,837 \end{gathered}$ | $\begin{aligned} & \text { Acreas } \\ & 7,156 \end{aligned}$ | Acres, |
| ${ }_{\text {Tunntips }}$ Wirzeland | 320,094 | 321,880 | . 1,786 |  |
| freetroot .. | 19,109 | 21,127 | 2,018 |  |
|  | 32,875 | 32,139 | .. | ${ }^{2} 38$ |
| , whes thicr nToch |  |  |  |  |
| letches .nit Pape |  | $\begin{aligned} & 26,564 \\ & 25,348 \end{aligned}$ | 2,355 | 59 |
| Tutal |  | 1,468,895 | 13,315 | 79 |

Increase in grees crope in 1860, 12,521 scres.
Gxmrar Bombaiy of Cerzal axd Green Crops, fo.

Increame in cereal crope in 1800
Increane in Mlax, in 1880
Desreare in medow end Clover in 180
Total increase in extent of land under crops in $1899 / \overline{27,872}$


|  | Provinees |  | Extent un ler Crops | Grass. | Fallow | $\begin{gathered} \text { Woods } \\ \text { Batl } \\ \text { Plantitions. } \end{gathered}$ | $\begin{gathered} \text { Big and } \\ \begin{array}{c} \text { aste } \\ \text { noce } 3 \text { piped } \end{array} \end{gathered}$ | Total. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Leinster |  | $\left\{\begin{array}{l} 1: 680 \\ 1869 \end{array}\right.$ | $\begin{aligned} & \text { Acres, } \\ & 1,59,47 \\ & 1,54,4, \% 4 \end{aligned}$ | $\begin{gathered} \text { Acres } \\ 2_{2}^{2,40,4,413} \\ 2,48+0^{2}, 2 \end{gathered}$ | $\begin{aligned} & \text { Acres } \\ & 10,23 \\ & 0,93 \end{aligned}$ | $\begin{gathered} \text { Acres, } \\ 192,4: 8 \\ 102,49 \end{gathered}$ | $\left.\begin{array}{l} \text { Acres } \\ 6.38, \operatorname{cin} 9 \\ 612,-50 \end{array}\right\}$ | Acrea. <br> 4, 837,0.5 |
| Munstor | $\cdot$ | - $\begin{aligned} & 1868 \\ & 1869\end{aligned}$ | 1, 1, 352,2346 | $3,126,2,17$ $3,302,896$ | ${ }_{2,113}^{3,699}$ | 119,816 | $1,11^{8} 866$ | 5,934,707 |
| ter | .. .. | \{1868 | 1, ¢70,812 | 2,165,154 | 5,336 | -0.7.3 | 1,21,612 | 314,267 |
|  |  | ${ }^{1} 18869$ | 1, 7581,428 | 2, 2194,007 | 8, ${ }_{2}$ | 58,684 | 1,165,614 | 314,207 |
| Condaught |  | \{1869 | 744,263 | 2,089,252 | 1, 723 | 51, 50.51 | 1, $1,31.454\}$ | 4233,191 |
|  | Total .. | $\left\{\left.\begin{array}{l} 1869 \\ 1869 \end{array} \right\rvert\,\right.$ | $\begin{aligned} & 5,5471 \\ & 5,575,843 \end{aligned}$ | $\begin{array}{r} 9,090,303 \\ 10,046,877 \end{array}$ | $\begin{aligned} & \frac{22,110}{90,981} \\ & 90, \end{aligned}$ | $\begin{aligned} & 3,22,2,9,9 \\ & 319,360 \end{aligned}$ | $\left.\begin{array}{l} 4,4,450,892 \\ 4,35,86 \end{array}\right\}$ | 20,311,924 |

Tho acrage under the head of "bog End waste unocupled," had pot nony tive stock of the larger rivert, lakes, and tidews
The area condea the several Crops in earit year from iser shock on it at the poriod of the enumeration.

| Crops. |  |  |  |  | 1865. | 1866. | 1807. |  | 1888. | 1869. |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  |  |  |  | Acrea. | Acras | Acras. |  | Acren. | Acres. |
| Wheat |  |  |  |  | 238,989 | 299,190 | 201,084 |  | 285,150 | 281,117 |
|  |  |  |  |  | 1, ${ }^{-4} 12 \cdot \mathrm{R}$ | 1,699,605 | 1,680,511 |  | 1,7191,645 | 1,6ค4,788 |
|  |  |  |  |  | 177,102 | 150 , ${ }^{\text {r }}$, | 1 11,001 |  | 146. 3.4 | 220,9 9 |
| Here nimi Rwo <br> 13 anms and $1^{1}$ (2ns |  |  |  |  | 10,091 | 10, 9,1 | 0,602 |  | 9,9:18 | 11,129 |
|  |  |  |  |  | 16,899 | 14,8,4 | 13,552 |  | (1) 4 (6) | 12,057 |
| Potites |  | . | * | . | 1,066,260 | 1,050,853 | 1,001,781 |  | 1,084,091 | 1 1411,9,37 |
| I irmps |  | . | - | . | 334,21:2 | 317,198 | 935,729 |  | 320,094 | 3)1 R90 |
| il migut ind beet livot |  | . | . |  | 14,4.8 | 90,169 | 19797 |  | 19,109 | 21,327 |
|  |  |  |  |  | 31,62\% | -16,531 | 24,018 |  | 32,935 | 32, 139 |
| 1 arruts, Parsuips, nu 1 uther grteda crups |  |  |  |  | 24,130 | 26.735 | 25,5 6 |  | 16,622 | 26,564 |
| betches and Rapo | .. | .. |  | . | 21,466 | 30,628 | 28585 |  | $22.8+3$ | 25,348 |
|  |  |  | -- | . | - | 251,433 | 263,50- | 253,257 |  | 206.483 | 220.178 |
|  |  |  | . | $\cdots$ |  | 1,678,493 | 1,601,423 | 1,658,3,35 |  | 1,602135 | 1,069,800 |

## RETURNS OF Live Stoce. <br> It appears from the following Table that the returne of live stook for 1869 when oompared with 1868 show an increase in the number of horses of 2,515 ; of cattle 80,998 ; and of piga 210,215. Sheep exhibit a decresse

 of 253,338
 of $580,94 \mathrm{Lh}$ cocmpared with 1868 , as appears by the following Tsble:-

| Fit matiso Valus of Live Stocy in Ireland in racb trab FROM 1855 T0 1809, calculated accordiog to the ratre <br>  nipa, 295 . ench. pThege rates bave been rotafned since 184, in arder to facilitate a comparison of the value-one year with anhother A ik reentago may be added on |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Ye.rs | H1 rees | Cattle | Sheap. | Pig\%. | Tutna |
|  |  |  |  |  |  |
| 1855 | 4.4 | 23,169,000 | . 576 | 1 |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
|  |  |  |  |  |  |
| 1861 | 4,013,6.9.9 | 22. | 913 $0^{\circ}$ | 1,3-7.5. 52 | 32,760 |
|  | 4, 823,17 | 21,1m | 3,51.74 | $1{ }^{14} 705$ | 31,24, |
| 126.3 | 4,63, 1 ,24 | 2.459 | $36.390 \cdot 4$ | 1,3,4, 222 | 30,050 |
| 1884 |  | 21, 204,9t1 | 3,703,63\% | $1,3 \cdots 100$ |  |
|  |  | 34,462 |  | 1,633: 411 |  |
| - | 4. 2568.202 | - $4,350,{ }^{2}$ | 4,701,710 | 1,9-154 | 35.21~, 15 |
|  | 4. 3 , 4 4 ${ }^{\text {a }}$ | 1.1 | 5,319,0:1 |  |  |
| $1 \mathrm{~h} \cdot 6$ | 4,1\%+4.4 | "4,1,4 |  |  |  |
|  |  |  |  |  |  |


| $\begin{aligned} & \text { Increase. } \\ & £ 20,360 \end{aligned}$ | Incrense | Decrease. £278,672 | Increase <br> £ 262,768 | Incrazse全 530,94 |
| :---: | :---: | :---: | :---: | :---: |

Soutching Mills.-The number of mills for soutehing Flax in each provinoe in 1888 was-in Ulster, 1420 ; Leinster, 47; Munster, 41; Connaught, 81. Making
Emigration.-In tha first seven months of 1869 the returns of emigrants from the several ports of Ireland show that 45,246 persons left this country. In 1868 the number for the same period was 42,607, being in this year an increase of 2639 persons.
call attention to the occasions I have ventured to unchecked growth of weeds, which is, unhappily to apparent throughout the country. On this subject the late Sir Joha Sicclar has given the following experiments, which prove the almost inoredible advantage of carefuly weeding cereal crops:

a weed was pulled out of it; the other six were carcfulty ${ }^{5}$ Weed.ed phe unweeded macro produced 18 bushels: the
 2. A 6 acre field wran aotwore proth Barley, in in fine tilth, and well
manured Manured Ths weeding, owing to a great aiburndance of Charlock, cont 12\&. por acro. The produce of an unweeded acre Was only 13 busbels; of the weeded, 28 Difference in favour of weeding. 15 lushels per acre, besides the land being so manch cleaner for sucededing erops. -6 acrea suta with only 17 busbels. Another 6 acres ploughed three tiges munured, and weeded, produced 37 bushels. This experiment proves that Oats require good management, and will pay for It as well as other cropa. 10 busheln of the increased produce nay be fairly,
Labouror's Dwollings,-It is ecarcely possible to exaggerate the importance of improving the dwellings of the labouring classes; the Legislature has wisely enabled the Tressury to grant loans for this moet desirable object, through the medium of the Board of l'ublic Works. According to the census of 1861, the number of fourth-class houses in Ireland, esch of which had but one room for the entire family, was of,974-and in these were living nearly half o million

## THE LATD AGRICULTURAL MDETINGS,

 This has been an unusually favourable year for the moetings of our large agricultural societies tion, as usual, took place first. The meeting was held at Southampton early in June, and prored bighly successful, although somo classes, owing to the distanco from their established homes in the West of England, Whe noynal meeting held at on sumo former occasions. The Royat meeting held at Manchester far exceeded all ats predecessors, not so much 1a the excellence of the exhibition as in the patronage it recelved, upwards of 17,0001 bejng takeд in one form or another. The mplement show, was very extensivo in number, exceeding all previous exhibitions. The stook classec wero amply fited, some being superbly good. The horsea, 381 in number, and the shorthorn olasses especially, attracted attention by their superior excellence. The Linoolnshire meeting was held the following weok at Lincoln, sud was nobly supportad the horse classes beinp even better filled than at Manchester, comprising 88 - entries. The Y orkshire came next (August $4,5,6$ ), at Beverley. The classes were woll filled, but the horses again bore the paim, sad comprised no jess than 113 entries, miny being very superior animals. The Lelcester sheep clast was also very superior. The last show we have tr mention is the l3irmingham Horse Show, wheh contained an entry of 304 horses, All these meetines appear to have bean very su cessful ones, for which we beg to congratulate the agricultural publir. But gool as they were, they were open to satite cntacism on some points. The first thing the writer would notice is the large increase in the number of horses:-Man chester, 884; Lincoln, 887 ; Baverley, 443; Birming ham (s horse show only), 30 . In these olasses, is wel as those of some other stock, the commercial element seams promineat ; beaides, there it arising out of these horse shows another feature, of somewhat doubtful character, i.e., separate leaning prizes or exhibitions for huntert, all very pleasing and attrictive, but of questionable utility in agricultural gatheringo Next, there is the seleotion and the making up, or "getting-up." animals as show stock. When exhibitors are fortupate enough to possess first-clast animal, it is seen at all onr leadingshows ; the exhibitors are not content with schioving one or two victories, and this anfortunately suggests the idea that the prize is the temptation. Too muoh honour canat be given to breeders of parade them everywhere seams to partake a little of the gambling spirit, connected with the desire to excel, and if possible to beati all competitors. There is also a and allar exaibitContribations of their stoolk, and who are above mere prize temptations. We have observed many animals



 Shorthorns We have, in bulle, Earl of Deropi, Edgarr
 hairores, Lndy. Frayrant Munen of Rosales Miss

 the same; animple are frequens tly fietorious slow atter show. Tn the list of exhibitors we have the names of


 Duckering, Eden Howard,
prizes belng awarided to gentlemen who for yoars have appared as our most succossful breeders of ans olass of stock, there is reason to wish for a larger olase of competitors and a a ider distribution of the prize money of our agricultural scciet tes.
Wha more quastion appears to requiro ventilation: What hive velloipeded and especially what have Yof sucot obljects and ammusements into exhbibitions of
 condemed as anapproprate We well know that
artioles of general utilut, or interesting to the public have been iontrodiceed Into the Rosal and other showGards although not directly connected with farmink,
 carriakes the race siould most mertaisly bo avoided.
 would be an casy mattar to corstry ammasements of even a more exuting kind. We bave indeed very within the precincts of a wounty ahowyard. Suoh practices onght to be discouraged by the lamders of tio meetine is not tririal amusement, but mutual improvement lie consuler that some check upon oopies another, and if the public are taught to look for excitiog amusements at one showyard, they will be dispppointed at the more business-like sobriety of enood. Hence the evil once admitted is not
likely to decrease, and, whether for good or for evil, it
is not unlikely that we mas fet gee the werobat surrounded by an sdmiring orowd in the centre of the mechanical skill. $\boldsymbol{F}$

THICK AND THIN SOWING OF GRAIN
To determine the proper mode of sowing, and the right quantity of seed-grain to be used per acro under the numerous rariations we have of situation, climato, the greatest possible results at harvest, is an annually recurring and important matter of diecussion for our agriculturists.
There is probably no branoh of apricuitural praotice these tro points The adrocites of thin erding recommend as small a quantity as " 2 pecks of Wheat per acre drilled, while in othar quarters the emplogconsidered a dan serouq experiment. It is possiblo that Rtances are takell into arnount, but there cannot be a doubt that, all over the country, by the wasteful employed in certain districts there is cancess of seed austained which, if told in the aupregate, would scarcely be credible.
As somue correspondence has already taken place in your columns bearing on the mode of sowing, and gending yoll a few suggestions and observations
didessed some time ano to the members of the eitorcairn (Kincardineshire) Farmers' Club, as illusin growiag favom of gith may farmers in the deporition Scotland. George Reid, Buynisbooze. Aberdeershite
A mothod of seed distriltution that will pro
seocure to ouch gradn or picckle \& neccomary area of ground in
 porfect method of seod sowing. The advocatose of fromadoat



plants requirod is ourr northarn clit to eccure tho thitelkneens of nowing at great wante and loss of neod, the neal byont hroedcast

 apart of $\&$, 6, an 14 fralicy, it will not ix draitil that 28 ilse

 nidring, ard stranted KTw wh why ja it that in many Sulfuik and Bodfurd Corn Drilis, farniera hare now generally rain main ta invarinhly re exnet from no doubt in this, that a beavier its wastor of seed, than from $\theta$ or 8 meh drilling, by the seed
not bofng orowded, hence 鹶curing morenumerous and otronger






 row to bo isned, and the dintunco to be omploywd lootweent tho







 crop would be affected in reenltos by the different application
of manures.

##   <br>   

 estitification to every ome emmermed
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## Farm Profits: "Half Pay and hie cow

Pay" is rupht in thanking that milch cows are the he difficulty is in manaporg the details managed, bus he difncuity is in manapiag the details, and preventins both wasto ani robiery. If "Inale Pay" were to make it pay in the end; but I veniure to predict bs ordinary farm into the state he speaks of o try dairy farmang lio slould try on the mine wavo where the farmer very often lat adopted dairy at so muth me Pay" onnld hexin his dairy at once, without "Half get a farm into order to keep 1t, and le would, mose over, run very littlo risk of loms. If he be in earnet,
an l really wishes to try it. I make him the follomot, poposal, viz. : To give him a laree, new, weil-ventilat cow-holsse for 18 cows a large dary with washitg
houso, butter-room, checse-room, and dairy muits houso of four rooms, all new and en suife, and to kemp has 18 cows well supplied with good food, for the sum d an one as any half-pay ofive need not be ashamed of as montry ruurters. I do not think "IIalf l"ay" is right in thinking one of the southern oounties the place for a dary, Ayration mold and wel. Cheshire is also celebrated, and it, too, is cold and wet. In fact, a coniderahle amount thinks anvthing of my proposial, will sou kindy pin him my ad lress? and if he finds it pay, I can sive has
 and , ind
Kiorepresentation by Mr Mechi. Mr. Mecli A Farmer says in your columns, tiat last jea
showed by my balance-sheot that I male no profit, atot could not pay all my rent. When will people celso to misrepresent? ${ }^{\text {" }}$ Mr. Mechi is fully entilied to sid
this question, for it was not he who shoped, by biln ec-hhept, that le conld net itu alt ha remb, ot peot, and showing up its "f misrepresentatiogs. talking about, was a mispepre-putations, for he had
pulj of hat upon his tenant's martal to help to midn

 prices ranged from 48 s, to $62 s$. a qu. only; and th
he talked of bis "improved rents, as he doer not 40 s. per acre," for when the chapel land is add
 charging otherg कith misrapresentation, for the are dead agninst you fon deed not char yourscl? for puttons in wrint sith a sadty foeor hatement ( 3 ont kalance-shent, to

 at the depth of ofle, tho, ar more lect
be dome an stif som by eanume it
 t falle far shart of fulfiling tha inatition not areomplanh this perfpetly, it mas nionrly mady filtration of all rain-water to a depth onehes midsay between the drains, and it
conveyance from thence." The "Bewiley Fo stated, "In support of your dogme, so to call
say that I linve done damage by draining grass－land
2 feet 6 inchea deep in the furrows，callod 8 feet deep from a line across the ridqes．＂It ought to be wel by drainage is only a preliminary，process，and subsoil－ ing ought to follow the draining．It is generally snjury．Mr．Morton stated，in a paper before the that the froduce of the land is to be made out of a larticular layer called the soil，which has to be culti－
vated，turned to and fro，and stirred and mixed upor an impervious flone hardened by a perpetual tramp－ ling，below which lies the subsoll，Atl reeent iniprove－
ments of the snil have proceeded uma the deathat there to no essent．al or necessary distmetion between
it and the ahton I．Thorourl dramaue and deep culti－ valuan both increa anythins like a man within 30 inohes of the surface is

Bewdley Forester＂that 48 inches ought to be the minimum depth in dense clays．The Agricultural vers tuncly－divided materinh，and very olayey，it will hift or huld the water higher than if it be sandy，
bos the
thater will stand 6 or 12 or 18 inches above the moording to the stiffness of the subsoil，＂，$T_{2} W$ ，$R$ ．
Tiptree $H$ Hall，Sept． $7 .-$ Finished haryest on Satur－ day，the 4tb．All got up in dry order，after four weeks
of splendid weather，without even a shower．Twenty－ onil good hay and oorar stadke，besides the grew barn 21：解留 ago，I was warned by my practical friends that Now for the crops，Beans abundant，and fit to grind． White Chin－headeiz Whont
he thin．I thre hed acres of my he sand smple wit frathon under fi furteres per acre：weight，nett，tioi ib． Clat prequarter bef ，，ate the fall and rise．I hear of one
of our extensive millers who will only buy by wejght of our extensive millers who will only buy by weight，
63 lb ．to the bushel．One farmer who sold to him on these terms had to supply 4 bushels for each sack，or 9 buabels to the quarter ！－at this rate
present prices are，as compared with those of last year， nesrly equal．I hear of 7 quarters of tall Whent out of a threshing of 51 quarters．In my case，the tail was
6 per cent．Red Whests have the best of it，and ours， sown late，promises to be a fine sample．My Rivetts
are particularly grod，both in samplo，and quantity
Two fields，after 7 and 8 purters of vear hase been estimated at 7 and 8 quarters per acre，
bub shall be satiffed with a tuarter 7 oss．Our Parler on light land，after 6 quarters of white Wheat，is very heavy in mrain，though rather of white in quatit，is very bj cabbage in the same，ear）．They are heavy in
quality，and well corned，but not go gouz erop，Wo
reckon on 8 quarters per nore．We alwys gow black quality，and welt corned，but not a good erop wo
Trekon on 8 quarters per nore．We alwhy on blact
Ogts．
 expectation the general opinion having boen in
of the 2 pecke，and after cutting the thin atubbl much the strongest，but there were leass heads gemplo was finer，woighing 31 b ．more por bushel，and Worth 2 s ，more per quarter，than the thioker Bown． is evidently a more tender Wheat than our red o Rivett．Owing to its having yielded so abondantly i the ary renial season of this year．My 87 greas of Mangel，Kohl Rabi，Cabbage，and white Turnipg with cattlo food．Hay and stray buyers tell me that although straw is to bulky there will be no more weight Wheat is a stnudard，it can scarcely，I think，reach an averase．©vergrown by（Ott，the second growth whas \＆yery
 We cave it ill loads of manure afier the cutting for has． Thos field w！l！now heve to carry（ white Whemt crop， Hivett crop，and than Mangel．That is my ourree What getting 2 ont．of suano nud some salt，the Mangel a heavy dresaing of manure and guano and
salt．We are sowing Mustard nad Rape on our light land Wheat stubbles，after these fine rains．Onr Wheat，ton＇s acres of delivery reaspor，out act aches of was allowed by dhe or men for four weeks－to．per ase of the
the hat it earned by the sid of horses $15 l$ ． 8 s ，minusa a few A．Scotch Farmer．－［The following letter has been addressel to Mr．Mechi by a sotoh rarmer $:-$＂Ever since the time that I visited Tiptree Hall，in 1861，and esper．ence so mush ansherte hor have had a warm oorner in our heart towards yot，and，oonsequentily，read with much from tune to time，in the Jorth Brilish darmet／mern＇ ofw－paper．So much so，indeed，that often 1 have intended to write to you to thank you for displaying
sis much course in thang fact－，however unpaatuble， that by－and－by will be recognised as slich，notwith，
standing the suarling of a for onars．if can truly standing，the suarling of a fow onrs．I can truly
short－sighted polioy of but too many landlords and farmers both in Pagland and Sootland who seem so
well content to let metters＇rest＇as they are＂and be Whanliful？With such a redundmoy of oapital in our country seeking a profitable outlet，and to see go many
of our fields and homesteads so far behind in go ，d eultivition and tudinese，is positively a sin，and well titted to arouze the hene－t mdinnation of anyone
hasing less enthusasm than yourselt，liere，in Scotland at leart．Hypothe＂，and sumlar antiquated laws，＂block up the way，${ }^{\text {and }}$ and unt these are removed guch a thing as progress and thorough improvement is out of the
question．The landlord＇s hypothec，oovering the rent for two years at least，enables him to acoept（as he often doe－）the oue nuow cervile as tenant，caring little Whether he possesses sufficient eapital or not；and
henoe men of capital and enterprise have become soured and disgusted，thus causidr many such to look around for a more congeniai field；suoh in fact is
my owi experionce for the lest if years．I have cultivated my small farm with some mearure o surcess，and now that my lense draws to a cloge，and
before it is known whether I intend to offer for it egain or no it is kown whether been spplying for it，and offers made of a rise of 80 per cent．Bear in mind that
 rent，will，tunless I bid a sum approxi 1 ating to them，
 cultivatep and how many head of cattr do you heep In answer，let me agnin say that my farm conasits on ther half is very noor and thin the stook comprises the following－viz，three farm horses and one pony，85 to 90 to 100 high－bred Lreionter sheen，and worth on an average， 6 th a herd；twate animals are al kept on the farm，unless duriag the gummer，when we that the way I manage to keep suoh a heavy corar is by folloming come of your own ruleq，at least，in the bou are richt．Cramped and confined as we are here，
ab－urd rropping conditions，one positively has no the better you farm your lend the more rent you will have to pay，shopld you wish \＆renewal at the end of vinced of the atility of manuring your land through the stomachs and bowels of your stock，but，as you needed，and as those would bo successors of my own may come to find that the 80 per cent，additional reat mad be somewnat ill to raise．Lot me brush this aside

 by over－seeding．The Oat crops an average．Farmers
tind fanit witi．the Wheat orops，and doubtless，whers
 The Mangels and 8 wrede ra
never ss＝them more promisin．The l＇otatos in this neighb urfhood are retuberating in many places，which， here are some very extellent crops Mine are of both but the greater number are what are ralled growing but on and maerguently smas are nearly onother，the rops of grain and rois are a full areaga in this many Beariz crops，but where the land was deeply culti－ vated，or tolerably so，and not over－seeded，I should say theso crons are a fas average Peas with farmers are
always a hazardous crop ；shaliow sud imperfect cult vation for them，and rainously over－seeding，musi always be causes to make thems so．But this is seldom aparmply，and as an evamule of thra fears ance I siw n market turile
farmers put in theirs only 6 or 8 in．asunder and whise tumes as thickly in those row that the market ardener did in his；and on my alking the latter why he culth－ Fated so deeply and bowed so thinly，he repited， farmers ＂they could afford to grow little else tham light pulfy beraw，whilst he was obliged to grow corn regaraless of the straw in fact，the less straw he had the better， 8 that add to the force of this to me，sensible reasoning，it of form moy readers that I have grown Peas for upwards hicm，which is the malads that the farmers so mulch complain of，and as this year，from ta drynees，has piying，I should nqy that many farmers＇rons of Peas this year have been deatroyed by them；not that lioe heve been the caluse of and－what shall I say？-1 asane overseeding，as the intelligent market－gardener also added．But beng on
this subject，I will yust add further，that the farmers
add，that this year many Wheat oropa are full of what thay call bladdery or smat，and yot they allaya bont and whioh is by steeping the peed Wheat in a poisonoms mixture composed of a mineral and water．Now，this ear，and overy year－hor there are blacders mon or less every year－he farmers who nse this quaterry it not，and some of them more than inoso who $u$ if not；for the latter rely more on cultivation and the
 seen，their Wheat orops are comparatively free from bladder or smut，whilgt those of the others are often
full of them；but still they go on wetting and dryin and still have bladders．But would it not be better and cheaper to employ вome venerable pipsy sybil to charm thetr seed？

## Foreign Correspondence．

CHayotri，August 31：shoiss Agriculture．－The beet orops I have seen anywhere this jear are just now being harvested at and below Liddes，in the Fallay leading up to the Great St，Bermard Pass，of an elert． ion of between 5000 and 6000 feet above the see of anall Howhere are the Potato sound or，healthier mire rroductive－nowhere is the Bean orop so full
pol and seel．The valley，which，in its lower range abse Martinny，is jus ia bis deep ditioh with sides too steep for cull，bation，whems out athuse Orrir res and is
a counaratively thit－bithomed sromso near I．ddes Where for probably a mile or more in width，and up to the very edme of the steap Fir slopes with overhanging
rocks，it is fully cultivated－in a patohwork of little plots，each kept up by its retaining terravo wall．These plots are cultivated with a little one－handled pair mule plough，and with a big hoe for use both in dipging the land and in digging up the Potato crop．They are manured by catcle oarrying panniers of dung aud dwelling－Louses，where it is stored．The whole proosas is koing on just now，and autuman in the hiphest agriculture of the Continent as it is in解 being hoed out and stored in cellars．The Beang，cut green，are being carried tied in sheavee，and hung astride a set of horizontal rods underueath the wide overhanging eaves of the houses，where a perfect wall of grain is gradually drying．I have seen more beans Swiss cottages than are to be seen sll the way through Belgium and Germany on the way hither． experience and management in Swity of agricultural


Perbaps the laxding fasture，more especially of the mall－farm eultivation of the country，is the value set on liquid manure．The tanks，over which the dung is neatly piled－buit up squareiy in sitcressive layers－
reccuves the dranage of the house and hean，aud ths conteuts are carried out in the unveraal carrieer of the country，on men＇s backa，and cither lifted down and afterward，Jadled out，or，as we saw it in wet weather，
when the tank fils rapidly，and has to be emptied quiokly，swang abroad（without beinz lifted down）by clever shoulder moverments，calculated， 14 unskiful cases，one weald fear，to drench the unlucky carrier
himself with the unsavoury loge．The work of distri－ bution is，however，fairly done，and the Grass and other crops thus treated are the better for it．The Grass
however，is every where a very coarse and leafy mass of weed，contsminz 4 tuthtipy of（raw fot and Mankbit and emparatischy hitle hirms the－arond comp or hay ，ine weather tromen mow at romnionly as men a bundles withia nets，to be taken down to the fodder－house or barn．The uplands are scattered with these ohalet－like barns．lou see them scattered about the hill－side as you look down on Grindelwald from the little Schiedegg Pass；and agatn，with quite a large phenanon in scaure the Fisli mountain range from the heights over Beichenbech．These slps，or upland pastures，carry a lirge guantity of the small dairy country is milk．
llat，and often monealthy valleys，eapecially those running into the Lake of Geneve，are in every respeot nuisarable，the popuration the arona are noor lad appears intich in inmans growthy of uatural boed and Rush．A good deal of land is perpetully burned in preparation for a Rye orop，and the procees fislen－ chen from Genera．Buok whet is 8 commori drop．This
and Rye, and Potatos, seem the ehief produce of the distriot. Patches of Hemp are almost universal, and Oats, still greon, are common. Here, in a lloman Catholic canton, everyone was at work last Sunday fternuon; men were ploughing, women mowing, and labour going on as usual, in the hatless fashon of the place; and a Protestant, ill the coupé of the dıligence, through their midst, and felt that ho had no right to cast a stone at them. J. C. $\mathcal{M}$.

## Societies.

bath and wrat of exglayd
August 21.-At the meeting of Council reports were brought up from Messrs. Badcock, the Society' treasurers, announcing chat the requrred sum the pen paid to the credtit of the Society by the had been paid to the credit of tho society oy the Taunton local authorities, from the stewards of plant, anouncing that all the plant of the soctety had been raud was now saffly stored at 'Taunton; and from Mr. Knoliss, all matters lelt in abeyance wero now satisfactorily arranged.
committee having been appointed " to take into consideration the duties and salaries of the edator and secretary, and such alterations generally as in thei opinion may be desirable, the report was now brough up and ordered to betaken into consideration at the October meeting of Council, after due notice given on the Agends paper
Place of Meeting in 18;1. Is the Society's annual meatings are now held altermately in the
eastern and western districts, and as the meeting of 1871 would in due course be held in the eastern dis trict (includiag the comnties of Berks, Surrey, \&c.), committee was appointed to consider the subject, to take such steps as they think necessary
to the Council at the October meeting.
Mr. MARGARY, of l'ymmuth, suggested to the Council the desirability of offoring prizes for donkeys Which he consideretl would be a great boon to tho
industrous poor. The subject was referred to the industrious poor. The subje

Mr. Le Constr, of Jersey, having expressed a desiro to convert the money prizes which he obtaned at the sanction of the Councll to his engraving the badge of the Sociaty thereou, and the desired permission was granted.

## AMRSIIRE

Breeding of Ayrshire Slock. - Mr. Lindsey's remarks In this subject ab a recent meeting are as follows - with your cows-a stock that has been good for generations back. Be sure that the bull' fice a fistarit porhet with I on't at all lum the prizes that she may lave taken, unless she baye good appearance of mik, and seems likely to be a goou fat beast at the end. I have been thus minute about the bull's mother, beoause I expeot from what I have the bull's mother, because I expeat from what like his mother than himself. I woujd like both the cown and the bull which judges et a show would perlaps pass when awarding the prize the animal showing the most breeding. Now, we admit that enough of buther reason of that is not because the object is not a desirble ons, but becatise breeders gevarally have hitherto tume a great muny breeders whoso solo desire and aim is to produce anmals baving their touob and form worthy of as much prase as the quality and puraby of
In the month of May they should be sent to the moors or shat un in a field of the coarsest Grass on the brought home by September 1 , and have plenty of
Grass down to Martinmas. They should by no neans be kept on bare Grass in autumn. They are now aix quarters, and this is the best age to bring them to or cut hay or straw steamed in the morning, and be urned out to water through the day. If $y$ ou lave The plan of sending them to the moors ss good, but it i quite wrong to alow them to remain on the moors for minared a month or six weeke for them, man
By to means allow them to be falane of heatumn take them in Feed themat once, and hep the flest the dron they must have whll be eaused by the growth of the calf. But it is too great a flow of milk. It is better to fecd moderately till once they are caved, and the swehnge has begun to tobiuc, then feed and briag them to themrank. Ono would advocate the following rule of policy. In the datitict where he lived it was naturaily gond misture, and they had no dutlueulty
size that winter, in rearios cons of a hire s ze. The that when fed would wergh from 24 to 25 stones buny studied rhiefly the bringing out of fine ponnta; Would stand the wear well in andairy, and then piss off advantageously as beef. In tho breediag of young cattle his experience was that the progeny fullowed the mother's side more than the fatier's. Of course it
was perfectly right to have the best bull they could would not produce an improved breed that wuuld fill he luggs.
On this the Farmer remarhs: Thas in our opmion, itumistakable nifucuc upou the formo the proyeny and of the bull is bred from a goud minking stock, there 1s assuredly every chance that the mikno quanhe this to be the case; and although the mother may have a great deal to do with the quality of the progeny, stm a good bull put to an mferior cow has as goo was otherwise. Upon this subject wo are so certain hat wo would suy-make it a point to provide a weld-form nimal always
We hear a good deal of discussion now-a-days upor some other points in the breching of stows. instance, many farmers are at a loss to know whether
it is better to bave a coow in calf when it is two and rising three years old, or whether it should be lef til generally it has been found better to allow cows to calve as early as positble. They give the most unk and continue to be the best milkers. The reason of ime more in accordance with the promptiggs of Tature, ind the milk, therefore, comes sooner, and continues to flow more coplously antuedure, and a gether true, are very averse to iths prorefure, and a ge bing cows thus early to mulk, but if taey are properly grassed on the shat time, and propery wime are when sent off to the moors, to get Grass there, besides, calves are more likely to come to a good size when calved early. Many farmers run into a very common mistake with reference to this, with a view to taking prizes at ome noighbouring show, or perhaps a leadine one. this upon the calves as well as the cow is very bad.

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Notes on the Distribution of sicuage, auldressed to the and Essex Rectanntion Company. $\mathbf{~ Y y ~ L I . J . ~ M o r g a n ~}$ Metchim \& Son, zo, Parlament Street.
Town sewage is the most fertilising of manuresroducing enormous crops of all kinds of succulent gromth-bulkier and heavier crops ner acre than ordi nary agreculture knows anything about". "Town
sewage is the poorest "tackle' as manure any of us sewage is the poorest "tackle' as manure any of us
know-not worth 2d. a ton." Both these statements are quite true. We have knomn much heavier Mrops produced by dressings of town sewage han

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were present on the introduction of Carmer $A$, who
usen sewage, to Farmer 13, of Colchcster, who knows tural Socicty met two years ago at that nleasant little 8uffolk town. "Oh
hearty talk as cordial as coutd be, I too am an essox farmer;' and he began to speak of four the end of July - averaging 9 tons per acre each The cordiality ceased at once, and B. turned upon his heel, evidently considering A. either knave or fool. -The results of sewage application as related are increditle-f xeepting alwass to those who have reaped thear, tuonn them, seen them, werghed them; and now that almont evers, whero towns are beine driven to the consideration of the sewape nulsnce, and sendin farn experimenc, the number of theso is rapidly increasing. At virthelesen, it is guite truc, as just it be worth ld per ton, the Metropolis sessage Company, to whom Mr. Moryau addresses these notes hafo a very haudsome property
The way in wheh so poor a manure as sowage pro duccs cropis unk nown to ordmary agrecalture is stmply by means of the enormous quantitin of it whel aro it, it is because 3000 and tolot tous, perhaps more, are he question of "distribution," which is bere discussed -what is sewage worth? It costs a farmer la a tou per mile to load and carry framyard dung. But here o begn with, and wo wat.t to carry it 1 ; or ell ir
nore molem away-at least, London does, whis h has 3(m),000) totis darly of it to drphuse of, or enough for Wey hou acres of laud.

## We strongly recommend Mr. Morgan's notes on

distribution to all who have serraze to dispose of and want to make the most of it. It is plain that if they have to carry it, they will make no money And to must carry itseli- 1 mist distribute cese It is at once fertiliser and carrier of fertilising matter. The matter which it contains is loaded already on a self-areng wriaze, and it only needs that the and be Hate the korpla committed to them shall ho provided, -not only to the fold-hut to every plant unw that fiel i whill wants to feed upon it. Mr. Morgab, fully alive to the necesity of economy and care 112 deasin with so bulky, so dilute a substanco-a manure o poor per ton but so valuable per dressing of
plans of emabing it to spread itself evenly and satiza
torily, especially over arable land. His experience beeu tho aink rath becu the aimk rather to uike the must per ton of to manure than the most ber acre of the land. And expernence ts lere ban befire the reader with ul
help that well-drawn allutrations can aford strongly recomwend tho buok to the attention veyors and of cown rategas ers, who want to topn value of what creates su great a nuisauce now by mate It is satisfactory to Find that the literature of this subject has at length overtakod its early tagk
proving the value of sowage as manure, and is provased in discussing the methouls of its most econe mival distribution. Mr. Morgau has already done good service of prozoter uatcul public opmion oa publication of these lcssuns of his experiences apon parking farm 18 a timely and valuable contribution tho same direction.

## Farm Memoranda

West Gloucestershibe. - The hafrest may said to be general, and tho weather al! that can b Wheat, Barley, and Peas bas already been cuth and carried; Brans, too, are fast drying off, and will sone bo ready for ricking. Should the weather conting fine another week tho bulk of the corn in the vale miz bu pretty sell secured. Xhe corn on the hills is tatex, for a fortnight or three weeks. Wuch anziety is it as to the probable jield of the Wheat crop; that it in below an average there is no doubt, but the amount of the deficerecy wo cannot learn at present, as m are all too buny to pay any attentiou to threshio
The cause of the present deficlency is no doubt atitro utable to the excessive rain in winter, and th absence of suflicient heat in May and June; the plan lost its vigorous appearance, and became very bpiry me tren at tho root just at the trme when which m luppen to withstand any the mide about the mid July bruke dowa most of the Wheat crops upon fith soils, and thus prevented the grain fillong had ruus ruin, 50 that the latd corn will no much damaued in quality as it must have been had it clay sorls present a prominisg appearance, but there an fand faulty gratus 101 the ears, there wi, also be deficiency in the welght per bushel by at leass
compared with last sear. Barley is very various. comparel with last year. barley is very yarious bow tha last year: the late sown 18 very yulding. Oats cana upon good soils. Winter beans prescat mara atiss
 Graso keep "unter food for stock most eucouragin not grown so rapilly this year, owiug probably to


## 

The Leicestrbbithe agbicultural jocibti Poultay SHow.-Ashby de la Zouch wine coul bul wavery one Sur recall now to many gomi leicestershire a other shire people the memory of a very pleasant uncecssful agricultural gathering. The saw Hal. in the grounds belongios
Durkings were well represental by Messrs Wan and Wood, who thok the prizes both for adultes
 If there owner does them well Mrire St Ketterinu, was 1at for old Spansilh, and Mr. Steph
of Walsall, for chin kens. The Cuchins, is might expected, were very gme. ithers the birds exhib lred by the late IRev. (i (calsert of Beebry wil
them still worthaly reprearnted. The birds shoma Mr. Woodenck, of Rearshy, and Mrs, Wislismsna,

## The white chickens shown ly

unversally admired, and deversmly as even as we should have expected for Deo ither Mr. Warner took lst for black-breasted
followed by Mr. Clere. This exhibitor

## Mr. Everard won both for adults and eh

 Fas lat for golden, end Lord Ferrers Warner 1st for silver, and Mr. Fanulkner, of Bret All who know his birds will be propar la both lat and 2d, Lord Maucbline taking tho both lst and 2d,Mr. J. Choyce won 1st and $2 d$ for Ayleshury due
Ror Mr. Worthing
 Lucrous The arranzementa were znod, as poll arrige.
many who would not socept the faet that nothing is more injurions to the coming seeson than too heary a stock of old birds at the end of the present one. Taking the arerage of the bags, es they have come to hand in the London market up to the present time, we have had as many old as young birds. The latter are small, than, and we ikly. The best birds we have seen were first hatcit, while two-thirds of the birds generally are now hut squaskers. gas beight arown lots, but the ordinary supply from the eastern counties penerally has been wofully bad. The breechloaders tell terrible tales of driving and impatient shooting, and little birds not bigger than thrushes, drilled through and through, with legs and wings broken, lay about on the salesmen' boirds until condemned by the inspectors. it would we think, have been a good pian to have put of phooting intil the middle or end of the month, for we hase now reached vearly the middle, and many have worked farly with gun and dop, and bave not yet found a young bre as big $8 s$ ougat 0 be ath the birds are generelly very good, are badly off, and in Hertfordshire the covies are small and back ward. In but also many barren birds

Drcks. - The suggestion of "G. E. O.," of Chepstow (vide p. 933 , Alg. 28), is an excellent one for those who abound. We have there known the cross-bred bird very successful, and it stands to reason that the introduction of fresh blood in suoh a manner does gond in erery and if your soung burds be not so large, you have one brood out of the way before the next is ready, and that 1s a great help. If you had common country ducks Buenos A comn among thems fome curalf a gainer in every way. The writer once sent a dralke and three ducks to o wilares to "walk them," as they call it in the country. The man lived on a village green, with lue of wator ditohes and a good pond at hand. The ducks certainly laid, but, as we thought, badly, nad the result was, as iar as we were concerned, sery nearly villagers whose duoks used the same pond obtarned blark and black and white duckr, to the great smprovesatufaction of lnowing that we had unwittingly contrifaction

The rabbits whose illness and death "Coney" wrote about sre some dentined for export to Chins (We should ay wore). They are in new hutohes, well ventilated atable. Their food clean and sweet, not too diry. They are well looked after, and yet the mortality continues. "E. O." is thanked for his information.

## Catendar of operations.

 SEPTEIEBR: Bean amaz Poe Mobbles, if not broken up last month, should be so early in the present. free from weeds. If so, or but a few anouals be prowithout breaking the surface before the geed-furrow is made, just previous to soming time. Heavy clay land, however, maty be ammehed up and left in large clods, 30 艰 to be exposed to the sun, nigat dew, of rains. If ploughed, we have always found it best to plough narrow and deep, which better mixes the previoua winter-made breaks down the land sufficiently fine for Wheat, thereby avoiding crossing with the cultivator. There 1s, how ever, less of borses in antuman. Much depends upon the state of the land as to mossture; for if ran falla before it is broken up, one operation, whetler by the plough or cultivator, will make it sadiciegthy month. If, on the contrary, the land is full of Couch and sirface weed. (mostly annuals), it should be aruffled or broadshared sufticiently deep to bring them to the surface. Some harron-gather and burn the weed ring of the seed of weeds. But the practuee is questionable, for the harrows and gatheriag ofen she 1 out most of the the weeds, and to convert the hill formed into compost by muxing hume, or farmsard and liquid manure, sin, ne guano, by thas pisn the caustic oharacter ad lum the ammonmeal vub-tancea, destroys the vitalit of the seeds. There sre, no doubt, exceptionsl case where, under wretohed management, the land is so full of Couch and other weeds that souffing and stiffe burning the sods in large heaps would be preferable to carting of the whole it must be borne in mind owever, that stifla-buraing anter harvest is only of Bessons.Clover-leas intended for Wheat should now bo got ready, for seading. Some rib or rafter-plough very tensaious oldy soils with the Fiew of getting an merated and mellow seed-bed. If this was done in August, the land may be coup-ploughed or soaritied sccoruing to the atate of the land and weather. And accoruinp to the atate of the land and weather. And When ploughed them the bottom to the surface, which brought up from the bottom to the surface, Which forms a clean seed obed. Others turn the preenswaru
into the bottorn of the furrow, under the furrow slioe, by means of a akim coulter, thereby leaving the
ploughed land ready for the seed drill at one operation.

When Rye-grass and Clover-lea lies one or two years in pasture before it is broken up, the practice a a asme, but the greensward is thicker sude obert plan of getting rid of these is to adopt means for rotting furcow under the furrow slice, so as to deprive the young iusects of lood in the gpring time, when they irst make their appearance in the grub form. Insects seldom deposit their ove in hean presence of much effete matter is to be suspeoted; and to rot such sufficiently for the safety of Wheat, At top-
dressing of lime, liquid manure, or guano, well bush dressing of lime, liquid manure, or guano, well busa in settiug up the rotting process. Ploughing early and rolling hesvily at once, and then harrowing and rollin at intervals of a fortinght, and sowing the Wheat of a ield requirng this treatment last of all, is the sure that of securing a plant and getting the wheing "root-fallen" before harvestro ms much Wheat was this year
Wheat and Oat stubbles are autumn falluwed either for Rye or root crops. In either case there is a close similarity of the practice during the month. Broad-
sharing is only neoded under bad management and the buariag is only needed under bad management and uo krowth of weeds, and the practice required is the same as noted above under Bean and Pea stubble. addition to what was there directer, if much seed o
weeds has been shed, the land should be chain weeds has been shed, the land should germination, o as to get rid of a orop of weeds next year; snd, in the absence of a shatisable to allow thod to lie until ran falls before it is ploughed or smached all, (reat calmion, no he safer plan being to then where the subsoll is unsound. But if the land has been deeply cultuyated hutherto with horses, it may be ploughed to the same depth "thth stram, and in such asses ploughing down the stubble for the winter furrow, as for swedes, Turatps, eco., for spring manuring, preferable to the use of the oultivator. But when the and is to be manured during this and the following month for winter Beans or for Potatos, Carrota l'arsups, and Mangels, the cultivator may in many cases be preforable to the plough. The practice therefore, of preparing the land for manure and of apply ing the manures, is very diversified, more so perbapa under Bream cuiture tan thas was is soldom ittle completed beiore the ead applied in sutumn, But the rapidity with which steam gets over the ground is fast extending the practice northwards on autumn manuring for Potatos, winter Beana \&oa, when manuro flat, or smash up with the culthyator, leaving most of the manure roughly on the surface to be washed in by the rain. This latter plan is not to be commended. it by forming the land nnto ridges by ridge-ploughs, courth pracition is aimitar to that of apting thie had with the cultivator, bet up in drills or rages, whioh are spitt to cover the manure spread beimeen. . he had thus lies high and dry throughout the winter monthas rough and somewhat cioddy ridges being preferable for autumb, that the frosts may tare deop hold and produce a fine mould and seed-bed by the spring
Breeding Evter are commonly bought in about this time, ether for a single crop oubl bothes amd lambs being inteaded or wasent breeding stock. For the latter shearling ewes are generally preferred, as one year kiven at the beginning puts on carcer. Both owes and rams, young and old, are now got into condition; and the rams aro now turned into the pastures with tre draf, cast, or crop-ewes integded to lamo abolt the latter end of January or beginning of re put up to fitten on Rape, Vetches, Clover, Cabbages, Collards, or Turnips, or rich aftermath-a pound of ollcake or a pint of peas being given per head to force them forward for Christmas. The crop-ewes are usually orossed with a heavier breed, as the Cheviot or blackfaced ewe with the Border Leicester ram, the Southdown with the Cotswold, \&cc. W.

## Notices to Correspondents.

 Astar $\mathrm{r}^{2}$ - Whll "Halt Pay " kindly formard hill addreanals Mr
$\qquad$
 Cyclotreis 'an 1 Ahminacy follows -"I have 26 beaste, ly year old, guffering from s sort of whort cough, I believe
commonly called 'Hose." One difed to-day, and on opening it we found the trachesa und windpipe covered with bunche
of threan worma, fioer thatn bewing cotton. The lungs wore
 causes which we cannot now conalder. The tromthatht of remedy is inhalation of the vapour of carbolic acth. Drive the then pour Homs carbolic acld on piecels of tile or brick, mas.le In the rapour for an hour or two, if they do not manimulest difhrese; repeat the mhalation daily for a fow tlines. to withastian 1 the che abiltuting neceasary to enable the beasta gulpliate of fon and half an ounce of gentian put fato the

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## The Garmenerge Chromicle． <br> SATURDAY，SEPTEMBER 18， 1869.


Tre records that we have from time to time published of the proceedungs of the SCIENTIFIC Commitee of the Royal Horticultural Society havo sufficiently shown that the Committee was not idle during its last session．Of its experi－ ments at C＇hisbreck wo have still to get an account， and the results of some of them will no doubt appear in due time in the socrety＇s Journal，but for cthers wo must want a longor thme，inasmuch as they are contmund ors into another season． l＇hysmotogieal expemment－that are to be worth anythng camot he rattled oll in a few weeks They are of the kind that requres long－con－ thinued and Jaborious attention．

We cannot tayy，therefore，that we are acurprised or disappointed at no results having beed yet obtained in some of the most interasting of the Society＇s experiments．We shall have them in good time，and they will be all the more valu－ able and trustworthy that the Committee are cautious in therr procoodings，and insist on eliminatusg every known souree of error befone they come to their conclusions We are led to these remarks by the postponement of the report of the Sub－Committee on the effect of different manures on the growth of plants． We have watched the experiments of thia Committeo with interest，and anticipate some very interesting conclusions from their labours， but we quite agree with the committee that the experiment requires to be repeated in another manner before any satisfactory report oan be made．The soll in which the experiments were tried annears to have been paturally too rich，the seuls too thichly sumpl，aul the result， in those plots which have thriven，a matted mans of luxumatat regetation，too crowded to allow ony manute discrumation of duferences in amount it produce．lu auth，year this whlt be remmhed by uning pocier sonl，unly sowing a definte counted number of sech，and leaving thern plenty ut space 12 when to grow．

Of course the above remark does not apply to those plante which have not thriven．We have the information plain enough there that the manure that has been applied to them hat beon either inoperative or injurious；and we believe we can draw one very important inference from these，which we may note without anticipating the results of the operations of the Committee－ at any rate，more than we are entatied to do． having geen simular results arrived at elsewhere． It is，that the mineral manures alone are apparently wholly mert，and exercise no per－ ceptible influence upon vegetation．The experi－ ments made by Mr．Lawes and I）r．（Fllmerit at Rotharasted have，we believe，induced those gentlemen to come to the same conclusion －at all eronts，as rogards the direct effect of these manures．Wo urderstand，indeed，that it is an open question with them whethers，
they may not have some indirect effect when maxed with other manures by stimulating thel action. This is one of the points under the consideration of the Scientifio Committee, and We heve no wish to prejudge it, but we think is a most important step to have ganned, to havt mineral manures are incapable of being assimilated by organic bodies.

This is quite in accordance with everything else we know of the relations between organic and inorganic bodies. Our readers, although beyond the radius of the hurricane, must have heard the sough of the tempest that has been going on in the Academy of sciences on, between Messrb. Poucriet and Pasteur and their respective partisans. Many people regard that ques-immaterialism-of secondary laws and direct in that light. The experiments of the advocates of spontaneous generation all go to prove that their kind of spontaneous generation can only be got out of organic substances. Some one, we forget who, maintains that he did on some rare oceasion succeed in obtaining some animalcules out of a silicious sointion, but this is not generally accepted. It is beneved insufficient precautions to heep out all organic germs from the materials experimented Wave been it blunder. As far as relublo fact and exporiment have bitherto gone, no anthin cule has eror yet been produced from anything with the albocates of that kind of spontaneous generation, to them, it would still no be a question of materialism but of mode de velopment to say that "Omno virum ex ofo" is materialist wants is something different; he can trace the course of our earth from the time it was still a gaseous homogeneous part of the orbit of Neptune, down to the time when life first appeared upon its surface, and requires no onder account for everything: and he can take it up and all othen terreatrial phenomena back wards until he comes again to the orggin of lift, amd account for all in the same way; but at the first appearance of life ho is stopped on both routes our globe from its origin until now is an unbroken easy sequence of ovents flowing from the natural origin of life; and his plea is that it is not natural that this should be an exception, but that life, too, must have flowed from the operation of these very laws, probsbly under conditions of the earth (with regard to temporature, for ditions no longer exist-if they ever did extst seems alike proved by the expenments both of panspermists and heterogenists (as the opponents and advocates of spontaneous generation, are respectively called), and by the experiments of Messrs. Lia
Committee.

The logical deductions from those carry us a useless expease for the agriculturist to manure rebounds from the vegetable kingdom to cannot assimilate mineral products, neither pro bably can avimal. Iere is scope for a revision of many of the mont acopted medical romedies, or at least fur a recon oderation of the mbomber of
therr artion upon the aysem. Why should we take iron to strengiben our -3 stem if it refinses tn enter it? Is araemic no alterative, ard do it
and mercury never pass into the blood? How and mercury never pass into the blood for to the liver, where they unquationably have been found, if they do not? Are all thest remedies merely irritant poisons, which only cure on the prociple of counter-irritation? These, and many other curious collatoral inguries are the Scientific Committee, and we look forwart With interest to their futare evolution.
We have always been the staunch advocates of International Horticultural Exhibitions. Every argument that can be applied in support
applies with increased force to these international displays. We have at all times cordially and gratafully acknowledged the courtesy and hosWho, as jurors, exhibitors, or visitors, have attended these réunions ; and when, in 1866, the opportunity occurred to us to do somewhat to reciprocate the kindness and good fal brethren, fested towards us by our Continental make our " International" pleasant in all ways to our foreign guests. We advert to those matters now to show that we are not influenced by any unworthy feeling, orbyany petty jealotion of the managers to the system of judging, and to the occasional grosely unfarr character of the awards mado at Continental flower shows. Britons in general are notorious for grambling, and British think themelves cnofitled to, are sometimes wont to murmur. Nevertheless, however much wounded vanity may smart, we seldom, if ever, hear of any well-founded complaint of want of fairness or competency on the part of the judges in this country. In by far the majority of case the verdict is accepted as correct, and even where doubts are expressed as to this point, the integrity and competency of
But in the ense of the large Continental exhi itions, where our countrymen enter the lists, tho case is very different. From Paris, from St. Petersburgh, from Hamburgh, we have heard the same story of incompetent judging. In the case of the last-mentioned display the complaints have been especially noticeable. They have becll made, persons not an any way commercially intcrestad in the mattor. Somotof the cases are so gross, that we think it will be the duty of the authorities on any futuro occasion to say precisely upon what principles the judging is to be done. Can it be that the jurors are durected to award the prize to the worst objects in competihand who is to get cortain prizes, and that the jurors act accordingly jurors surrender their individual judgments to that of one of their number who acts as fugleman for the rest? Can it be that they have no kiowledgo of what they are called on to judige Cin then different resuity bo tho consequences of they live? Here we dispense so far as possible with Government and and suporvision ; there privato onterpriso is as nothing compared with bureaucratic supervision.

Whatever be the cause, there is an evil which reeds a remody, and we trust that whenever another International Exhibition may be held, the principles on which the judging is to be effected will be made public beforehand, so that exhibitors from this country, not conversant with Continental customs, may know what to expect If our friends like to call black white well and good, we have no objection, but let them give us notice beforehand, and by all means let us have a fair field: we want no farour.
 has recently published a paper on the theory of introduction and copious references to the labours of his predecessors, he gives the results of his own investi-
gations into the development of the flowers in Conifers and their allies, Froment of these deta he draws the
following conclusions:following concluaions :-


The strup.e ntructure of the ovary In (iy mospperms (whle),
parallee in the vegatablo kingdom; for so high ait org3ib
 aro seula
from an lenf-structure of the ovary. Thus, when two oparies grow
together thers is a guture on one alde and two opulos et
 the flower of Ggmnosperms must be conetdared as a carpollay investlgations."

- Every botanist knows that some thin-will cells become thick in course of time by deposition new mattor, but it is a novelty to hear of THIC WaluBD CeLLs becoming THLN acoording to
season. Nevertheless, buoh is stated to be the case Panicum vaginatum, by M, Dovas Jouve
arnuot dispute M. DUVAl JoUVR's assertions, but wh should suppose that the thlokening is dup, in this cuss quent oontraction, not to the formation of new matier and to its subsequent disappearauce
- It is pretty generally believed in this counth that the pulpy portion of the FREIT of the YBi Taxus) is harmess, while the kernel poisobous. This is a pount on which, stran there has been mesuor of Toulouse, has recently nto the subject, and has given the results of his laboun in the Bulsetin of the Botantcal Society of Frame M. Clos decides that the Yew berries (ineluding kernels) are perfectly barculess.
- In the grounds of the Crystal Palace, ground) has been erected as a flagstail adjoniog the a Har wis hosted opon Wednesday the 8th ust., the "riars and stijpes" appropriataly so honoured. 1 Gorernor Columbia, Frederick Seymorr. Esq., through T. H Crace, Esq., representative of the British Colurbis Spar Company.

We learn with pleasure that Mr. M. C. Coor
engaged in the preparatson of \& fand contaratigas llos trating the principal genera, and references to these the species. Intending subscribers should commul. gate wit Mr, M. C. COOKE, 2, Junction Vilas, ppe Hollow
guinea
Tura At the meeting of the Royal Hopticll are offered for competition by II. G. Bobs, En F R.S., for "Peaches grown on standards ounam th
 his graft hybrid, seedlimg, and other Potato at
same meeting; so that those who are indareated in graiting experiment with ine for thematue practicabilaty.


A littie vegetabio gem, with a oreaping
erect leavea, like those of a Sophronitis cernua, and besutifully amethyst-colourod flowers, standing singly.
It comes from Mexico, and has late.y fowered in the It comes from Mexico, and has late.y flowered in the Hundersish coll.

## Peevrothalles Bowifinvi, sp.




 A sinall-flowered spectes, discovered in Bracil hy Mr Buwman, and tately develoned under Mr Grech',
-kiful manntement in Mr. W. Walson Saunders' kilful manquement in
sardes. $\mu G$. Rchb $h l$.

## Epidrndrem meliosyrm, rp. $n$.

Psolfobitbo spliarico, follin tigulatis scutis; pedunculo
 acutio, sebollo cunento tridido, lacinita latoralibus igulatia
 aptore, anthera emargionte
Introducerd from Mexico by W. Wilson Saunders, Fing, fild recently flowered by Mr. Green. II. G.

## BRITISH ASSOCLATIOX:

## (Conc culed from $p, 9$ gis)

Is the Chemical Section the subjects mentioned below were brought forwari - -
 which closely envelopas tbe cotyleduns, aud is composed berv, us in muot uther frutita, of
a double me mobrase, the


Fas then neariy completed. The collection of fruit trees
 dant lify fosils althourh no hatsorte rosks atre nenrer that
 both land and frest water fhells in these e eank, es well as


 nearly all of whwe were so suall that they requir 3 nptical
jower to seo then. It the fod velus

 ha! heen theuthoned by Mr More, all genera of firatitaftea Uno of the most alun lunt of the foramulfera, Jnvolitima,
was remarkable for its ranety of form lrof
 he was perfoctly ate. When he frat lienard of tho dikcosertes, the origin of mincral veins was the altered powor of beated Mr. Brady's remarks on the ap and prectipt tato matneral raater formminifer were valunble, for if wido differances could ocent in



MUSHROOM CLLTCRE IN PARIS.
We take the opportanity of displaying to out readers one of the "sensation scenes" in Mr. W. Robinson's recently-publ ched work, "Parks, Prome-
nades, and Gardens of Pars," to which we have previously alluded (seeph. .is, isk3). The cut represents had just been planted, and some of them, which were worked on Paradise stocks, were coming nito fruit: garden had also juss been finished orchard sitchon zarden had also just been finished. Mr. Thompeon Whe at once placed in the fruit department, then under the superiutendence of Mr. Christie, and no time could lave been urore copportune for his entering on on the ramuerse collen 1 wa of frumts whech observaubsequently has exmed in the gardens. Early inen and by Mr Kinght and Mr. Hin andens. Early iniliated hararters and merits of the then arisuledge of the Mr. Thompson acyurred a taste for the study of fruita and frut trees which meremed with his years, and whech he retaned to the last. Indeed, during the whole of the if sears of his active hife at Cbiswhek, the made porinology his special and passionate study, not nll asis was exlibited in the mmense collection of all kinds of fruat Whach was by degrees brought tozether in the garden, and of which for many years he had the superintendence, but also in the literature of the subjeot, and in the practioe thereof as it existed on the Coutinent. It was this deeply grounded and thorough knowledpe of the subject which so well enablet (r. Thompern to produse that laborious work, the " cratalozue of Fruts cultivated in the garden of the Horticultural sorvety of London," which has formed the fousdation of modern pomological synonymy. No one, except such a person as Mr. Thompson - hose proverbial patience and painstaking. and excessive care and eaution, admirably fitted him or such a task, and stamped his labours with an authority which has never boen assailed-could have
dine this work so weil. It was not, hower mpson excolled. Every department of horticulture received from cuiture received from aitention, and his love of physical science was equalled only by his jove of gardening. No better evidence of the combination of these quanities oan be given nishod by that admirnikle compendium of modern horticultures "The Gardeners Assistant. Meteorological indebted to him for the constancy and correcthess of the observations n. A, tir a periom of 30
 Hilhu a few months
of his death. Is fo
striking fert thet striking fact that, on observations - from $18 \geq 6$ to $1855-$ the difof metath teraperature brtwean Chiswick and Greesuirh amounts
only to $00 \mathrm{f}^{\circ}-\mathrm{a}$ lasting tribute to the care with which the Chiswick meteorological obsersttions were made.
ind a showed that whinst
he four contans onls a



 properties of Wheat, enpertally in funl for chal freo, phospuates "On the sitippubed Action of Lishtit in Combinstion," hy (" are is so inxed that probsiblylno conchinsions drawn oren from





 umption of material, and zur ierag, the whole result being that in any case the difference is fo small that it may be material-the flal conclumina boing that the difect light of the , was brought forward -

- lefonte of the Committe for the pirpose of Investimating




 ip ty mutherficill action since the alachal perrof, he pointed to
 and dewindled down below The thellises, dec, of theso sean necegsery to the formation of mineraj velas-open crevices. the premence of certain minorals in the witer of the menn, and
belos the rarth's surface and deseribed hy Mr Rnh neon ohtained by means of a picketty anolog for a adder placed in a well-like shaft. The berla are formed in narallel lines, ss shown in the cut. The spawn iq introruced in the form of flakes, taken from an old bed, or from s heap of stahle manure, whink is considerarl preferable. The berls have a run of 6 or ${ }^{-}$mile in all. each bed is about 20 inohes high, and as much wide at the hase. The sperace produce of this particular cave is 300 th . a day, and this is only ona of several similar estahlishments. The excmvations ara mude oricinally by the removal of blorks of white stone for building purposes. As we have suitable caverns in rarious perts of this conntry it is to be honed that some enterpriging cultivator will take the hint, and render us independent of France for mresprved Mushronme, of 11,000 boxas are annually exported by one houso alone to this country

THE LATE ROBERT THOMPSON
THE late Mr. Thompson, upon whoes lamented, though not mnexpected, decessa we made a fow brief remarks last week, was hora early in September, 708 ,
at Erht, in Abrrleenshire whera bin small farmer He received the solid his father whis small farmer He received the solid molucation of bis
native parochial schonl, and was afterwards placed native parochial schooh, and was afterwards placed Skier his uncle, who was gerdener to Mr. Skene, o nlantations brom thence he remoyed in the sardea and to thr sardens of Thaddo he removed for improvemen of the gardens of IIaddo House, the seat of the Earl for the gardan at he remained till 153n, and then lent Tord Kengedy: After remaintap there the readence of remnyel the far, he Rath, in Fifeshire, where he was occupued for nearly In 1824
Ia 1824 Mr . Thompeon cama to London, and wens dircetly to the garden of the Horticultural Sorjoty at Chiswick, to which he had heen recommended by his Inte employer's brother, Sir P. Ferguson. The garden

Mr Thompson was a voluminous writer, though he Trancappear as the anthor of many works he the the bulky metenmlngical tables, many valuahle papers on horticultural subjects werp contributed by him, while, to Lounsn's 'Gardener' Macazine, tise Gardeners other meriodica publications contributior. In the preparation of most of his great works. Mr LAudon arknowlenges the aid rendered by Br Thomnson, and especially in the "Enesclopedia He rontributed aloo to the "Penny Cyclopardia" to Morton's "Cymonemis of Pemeulture". and to Lindley and Moore's "Treasiary of Botany s and, we are tnid, he was the sole author of the letterpress of the "Pomningieal \agozine"
From 182 1 to the day of hur death Mr. Thompson mas be *z, 1 to linve hoen connertend with the Hortiabout 18 montha aro, when affliction had incepacitated him from further service, the Snciety, in recognition of his worth. allowed him to retire on full pay. Now, कfter s life of great activity, this kind-hearted, amiabis old man has rone to his rest. There are many who faw deeply regret in . Aw, who lema tife in those enrly dets of Chiswick anm sar youn men an ther crarden, the piren to mpetus thea givecired and an of that yunger an herora or siace reat at have drmak in instruction from his words and his writings.

Towards the clnan of his rarene a tribute to thn aervires be had rendered to hortielltire was pasd to Mr. Thompson, by the presentation of a testimonisl momuting to the sum of $501 /$, ralsed by public subeoription.
[For mont of the facts it this short notioe of onr derveased friend wa are indebted to the memoir in the "Journal of Horticulture," written, we have remon to believe, by Mr. Thompeon's mon. some of ther


Written by Mr. Thompson himself, upon his admission young aspirants to write as short accoant of their lives young aspirante to date of entry. Several autobiographical records of this kind are still preserved at Cbiswiok,
including those of Paxton, Thompson, and many inchers. It would be well that the practice should be Eept up. Eos.]

## THE BEST OF THE CULTIVATED

 ANEMONES.(Comeluded from p, 886.

- Anemone ongulosa (large Hepatica). - Everyone varieties of the common Hepatioa, the very braveat of our eayly spring flowers, will weloome this species, fully twiee the size of the common Hepatica in all its parts,
with flowers of a fine sky-blue, as large as a orown piece, and distinguished from the common kind by it sylvania, and is hardy everywhere throughout these
izliands. Obvioualy, the only thing to determine about
such a raiuable addition is how to best gro such it Filuable addition is how to best grow azd enjoy copse than of the orest of the Alps: it is not able to
flourish thoroughly exposed to the fierseat blasts like the little alpine plants that cushion down their stout if diminutive leaves, shorter than the very Moss, so that injury from the fiercest gale is out of the
question. I have seen it in sandy soil in a question. thin shrobbery attain a height of more than a foot when not in flower, aud the shelter and slight shade received from surrounding objeots is deoidedly favour able to its development. On all properly formed possible to give it a suitable position, while in spaces beds it will suoceed to perfection. When plentiful enough it may be used as an edgiog to beds of choioe spots in shrubberies or in oper rather bare and unmown spots alone the margins of woorl walks.
Anemone Hepatica (Hepatics trilobs; common the Lily, or mild the yellow Crocus, would seems to be no more wasteful excess than on praise this exquisite much esteemed it was in Lis day - "These plants are

 a fortnight longer than the singla kinde, and the flowar are much fairer." And these plants have half disappeared with many others since that time. There is a oneerrumesa in spring which no other flowers possess, they are hardy everywhere, are mot fistidines in $1, \mathrm{sma}$ diversity. The principal varieties are the sugle blue,
double blue, singte white, single red, double red, single pink (carnes), siogle mauve purple (Barlowi), crimson (splendens), and lilacina. Frery variety of the common
Hepaties is worthy of care and oulture. Is is posaible to inaagine a more beautiful feature than we may produce by planting a mixed edging of the various colourr round, gey a bed of dwarf American plants, nocupying space that perhaps would otherwise be tastefully use them. The plant is a native of many hilly parts of Europe, usually frequentung half shady pated state also. It is readily increasell by dis by seeds, the double kinds by division only
Aremone thalictroutes IJeadow Rue-like Wind flower). - $A$ delicate, dimanutive, and interesting speoles, with the habit sud frondescence of Isinyrum, trum." Thesse qualities, in addition to its dwarf habit uspally only a few incues h.gh, make it worthy of cuitivation. open in April and May, the fower stem bearna a few leaves near the summit, so $2 s$ to form a
sort of whorl round the Howers, It is a native of many varto of North America, and is increased by geed or by double variety, A . thalietroides fl.-pl., with the foper yowowhat amalle than the ningle ones, and very neab more care than moet of ita hrethrea, should have a
light peaty and moist soil, in associstion with other
dielicete not linble to be os berrua by coarse neighbours it is perbaps, more correotly known as Thatuctrum apemo-- Anamone narciavifora (Narcissus-llowered Windthinking it suefficiently ornamental, but Mf.J. Dunco of the Royal Gardens at Kew, ha fayoured mo with the following yote respeot, and distinct from any of - foot. The petals are pure white above, and purple below, but they vary some what abs reegards oolour. whick, contrasting with the corolla, justify the speotic rame. Tha soape is about twice the length of the
folisae, and bears at it nummit o considerable tuft of fowers, esch of which is about an incis artoss Thto the green parts of the plant are hairy. I notice 1his kind is mentionod in unly a single English prominence, and is adapted for the it deserves more or for pot treatment. It can be increased, by division
or
and is a native of Germany, and does well in sandy Apart from the fine Anemoue japonios and its varieties, there sre a fow dwarf Anemones in the untry unworthy of cultivation, Hatlers is the best. But it is believed that the cream of tho known, or obtainable species of the penus, is included in these papers, Thoy may s, so have alants. ${ }^{\text {I }}$ m. Robinson.


## THE LATE JAMES VETRCH.

Ist the person of Mr. Veitch, whoge sudden death it was last week our melancholy duty brieny to amilities of we have lost gnather of the horth placed in a somewhat different aphere of sotion from such men as Lindley Paxton, or Thompson, for example, it will be found quite recently best known, has left his maric upon the
garden history of our time. Jarden history of our time.
In the neighbourhood of Exeter, where his 1815 ather (of Sootch extraction) and his fis grandat that fime carrying on the business of nursery men. When about 18 yeira of age he was sent that experience which in those days could ouly be
gained in a Londor establishment. One year of this period was passed in the nursery of Mr. Chandler of Vauxhall, and the other in that of Messrs. Rollisson of Tooting. Returning again to Kxeter, and resuming his routine of duties there, he at the same time, imLondon, devoted his energies to the gradual extension and improvement of the establishment at Mount Radford, making it eventually one of the first nurseries of the day. All this time he was acquiring the mastery over the myateries of the nursary trade, in which, first (inoe 1898) as a partner in the firm of James veito tho head of that of James Yoitch \& Sons, he weadestined the head or thal to ane of the rerr loremost positions This prominent place amongat his compeers was won not lesa by his untiring zeal and cnergy, his keen perception, his iflear-beaded influence, than by his thorough praotical acqumintance with all professional details. It was
on has return to Fixeler from Tooting that, taking on his return to Fxe of from colleotion of the Orohid geng of those days ho first atarted in the oultivation of these favourite plants; stagte which ho always oultivated with the
greatest posible zeat, and which orme in time to he minietered to by the introductivns of his own oollectors, nise Mr. G. U. Winat and Ool. Eonson, who had homen. It ahould here be stated that Mesrre. Rollisson with whom young Voitch had been placod for the declined to receive any adequate remuneration for the besefta oonferred by them on their pupil; and the only nethod of acknowleagmert open to the father of the purchase Orohide from the Messars. Rolliseon. These orchids hecame the nucteus of the collection for whuh renowned. It may be interesting to mention, as an nstance of versatility, that about the year 1839 Mr . i)ali, las for competition, the Exeter Dahlia shons, open to all England, furnishing at that period one of the most tempting arenas for the display of horticultural

In 15j3. whisle sbill a nartner in the nursery busiaess at kxeter, which had then become famous as he first English home of multitudes of new plants, introduced dire removed to London, and took poesession of the once amous establishment of Messrs. Knight \& Perry, at Contase Fithere he was more direotly brought into centatatith all the leading hortioulturists; and his energetre manner, soon lifted him intos very influential position in the gardening world, whioh he matntained or many years, until, in wo may ouppose, the fore-
shadowigs of his fatal malady induced him gradually culled publio lite. All phictipinetion in whaverer, the ostaRoyal Exotio Nurgery, Was being remodelled and cmproved, and g gigantic business, one of the most prominent in England, perhaps in Europe, was being momument of succeseful commercial skill and antor prise.
Were wo to attompt to show how far our gardens are indebted to the hersulean and unflagging labours of Mr. Yeital, we should have to write a history of yosts of the new plants introducad during the last 30 importation, and to his disoriningative chotee of col lectors, that we may largely attribute the sucoese which was rearsed in this deparmento The lator arploma many fine noyelties hat and others, by which alio nore direoty melises havo been sequired, were even form some notion of all the services rendered to hor ticulture by Mr. Teitch in this direction, we must add to the forexoing the results of
he South frst-class novelties. The pager proved so prolifio of

Wlants introduved through his intervention, zuth Lilum auratum, Maranta Voitchiii, Vosea andas an Cypripedium end and insignis; Phatacopais grandifo Cypripedium caudatum, Rododendron jasminition fontaineas spinoss, Thuja Lobbii, Abies spas), Dr Beronia Veitchii, Masdevallia Veitokianu, Tronamale maknifon, Dipladenis spleadens, \#erberie Darmian It metits ativs.
It is, however, not only as an introdacer and as nscribed in the cungls. ©eiten's name must be bol a no less worthy position as a culfirator and oxhibition Who have seen the fine speoimens seant from areber the Chiswick Show will solnombdre, When we a that many of them-Heathe and Orotides to wit- Wo his deve of his own culbur minipulation, aited Thus, when he desisted rom the thorin of potting his own planta, fow knew better ho Mr. Yeitoh has had a large share in making our sho the glorious monuments of oultumal bkill which th real bringing lity, and these have been so abundant in quantity, arranged with so much Ekill sad taxte, thast it has b rare indeed to see the name of Veitelk either abia sheots. In all this, as well as is b
he hat for the lest few years been trase trangetim his tons, Mr, J. G. Veitoh, and Mr, H.J. Veitoh, Were admitted to partnership in
the husiness will now be continued.
We should not onit to state, that Mr. Veitoh one of the best and most tars -lorking fiend of * also a trusteo.

For several years-from 1856 to 1864-Mr. Veithont a member of the Council of the Royal Hortieum Sooiety, and tool a very active part ture wand the intareata of horticulture were often the subjatio a very free commentary ; and many sohemes which been ascussed or concoctel there, stiod thest the of the Fruit end Floral Committees of the Rayid tioultaral Sooiety had its origin in a happy thongh even into the small hours, in the parlour at the an Dxotio Nursery, and at a subsequent rathering of few kindred spirits was so thuroughly disonit
 not only worked well, but proved the hortien hul too the partioular mode in whioh the Grest In netional Show of 1886 should be palen thereuy
 feeling antaumonstic to the gentlerman who all warda so efliciently filled
and whoso loss we havo
and this feelng was battled with aud oreroen chielly by the influence of Mr. Veitch, and of a advancement of horticulture he was ready to the foremost part. Latterly, however, owing to his
health, he las been less active in matters of this ti but even so late as the oceasion or Committee of the Hargh Inter show, those who attended the preliminary were assisted by his advice.
Some two years ago, oring to promonitory sympty fo heart disease, which have preved but a prit hounded, Mr. Yeitok veased to takie so actural affirs mathare of bussiness, but latterly be bad been health and spirits thas usual, an 1 even an
 family and friende, althourgh, under the ciroumpta It can scarcely be said to have boen wholly uad
IIs mortal remains have been depositod Brompton Cemetory, nud there lio pasournot sotin portion of his life 'I'hat he himaself wa for the etange that was
fact, that only a few day
site for a famuly fruve, an
attendant nerotiations manifested ad okaracteristic of him.
ordinary zabr Zeal and ene
aetion. A quiek temper and imp
same
soiontionenems and atraightorwardness, a disp semblance even, of meanness or uaderbandedea, a warmith of friendly feoling tuat can T. If.

3ome ©orresponjence.
Grape \$oils.- Whatever may bo adranoeduod future, none of my opponeald have ent yen
gubetential objeotions to the wtatement
single conelusion of theins has been prowed; not a point
of mine has been shaken. I trust at whal be understnod that I have Lot made this assertion in a spirit of mere oppo-tion A due regard shothd always be gives to
the expertenee of others Aay other mode of setion would statle truth, and cheek the oourse of free mquiry. deprived of what we have provel to be fatts by the mere expressions of those who choose to advance an adverse
opmon. I was not unprenared to find thit $1 n y$ stateopmion. I wss not unprepared to find that my stateopposit zon, an l hasibly by the major, ty of cultivatorg
but truth is not 1 hee $\lambda$, lusive property of tho matitude on all oreas.ons 1 Leave movestration and thought for myself, and farlendy give lubliofy to myt
mone, usions, quite regardless of how they may be recempl She need hardyy be remindad that the
firape Fige grows freely on the lmuestone in the Cirape Fine grows freely on the huestone in the
Continmetal vineyards. L have never once sald that it refused to do co on that formation. Whet stronger, is longer lived, and produces a heavier orop of much superior truit, when planted on the red
sandstone. So convinced of that fact was a gentleman in this reelghbutracom, whose garden was siluated on
 under yo perslazamon of mime, tis we wero not then aevpuanted 'Ine red wandstone so, , wheh I omploy.
does ront conlasi more than from 2 to does mot contait more than from 2 to is per cent. of
fime, a quantity so omall as We know that excellent Grapes are arown on the
Hhine, aud alan on the banks of the Morelle river, in Rhine, aud alat on the banks of the Mosella river, in
soil that rests on sandutone rocks, of tho same age and soil that rests on sanumtone rocks, of tho same age and
composition as that at Tortworth. Some yearg ago, When on a horteulturat tour in the midand comnties, I pasited seferal gardens situated on the same forma-
tion, sud in every case found the Grapes of a first-clas charater, whether we refer to colour, or the size of the bunches or berries. The subjert of conl was thent whit
mean absorbing qupston, and I toak the opportunty of acquiring as much 111 formation as I possibly conld. All caleareous soll is not carbonaceous to the
same extent, so that success or fallure will just be tur proportiou to the amount of corbonates it may contain. selves 14 a dilemma, they may exart nvery emntrivauce to excel, but every pifirt made will only multiply ther
sorrow. Recently [ vister a gardon situated on the onlite, which contains as much as sin mer ceent of carbonate of lime, ittle or wo slipeous matter, and only a
small quantury of alumina. Had those who embrace calcareons aoil sf atronaly, only witnesuet the minerable


 last few years; young eanes were planted, and these
were superintended by an excellent gardener. The sbil
wes chisceable, which proves what I have repeated wes chargeable, which proves what I have repeated
elsewhere, It is that which equatises ablity, and not
the application of a few stringent practical rules, as some would bave us to believe. Dr. Masters endea-
vourg to solve the problem, by contending that the
physieal arrangement of the goiz is the moct actwe physienl arrangement of the soil is the most active
 me to ash, Do not theme very inaredindte five to soil
its mhysual properties? the prinomal beiner sith and alumina: and they alone aro tho substances in varted proportions which producelight and ctiff soila, modified to a greater or less pxtent by the preseace of orgapic
matter. No one deutes the neresity of physical arrangement in whatever way it may be brought about, but of itself ut cannot stupport hfe Yarticular juorganic substances are necessary for the renta to feed upon, and unless these are present, whether as elements or com-
pounds, the nlant cannot bong survive; it will either pounds, the plant canmot fong survive; it will either plete the physical arraugement may be, we have not the substances, some posibly of so poisonous a pature as to destroy life, and yet so subtile as to escape ordsnary
observation. If surch is not the caso, how dues it happen that the conmon Brake in one mart of our park nover extends beyond a rertain limit, althongh it bas perfeet freedom to do so. The ruestion caunot be answered by
saying that it is owing to imperfcet phas ment, a reply that reftainly does not hold water, as
within and without the lme of prowth it is exatly of the same chara ter bo other resource left by Which we can detect those benefiotal to others, than by an amalytical test. Fow-
ever lightly some may undervalue such and ever ightiy sorne may undervalue such a mode of
searehing out truth, they will have a differlty in subbriadth, and to treat it fully would carry us through the intire regetabte hutsdom, but I bave sad enough ; and of there are those who prefer to assume that my
statements are incorrent, wril atid gockl, but they must
 and There is abundint evidener os show that the the chemeal nature of the soll ta conserned. The faets narrated by Mr Cramb eximplify thas, It is the physical propertres of the soll its compactness or friability, its power of retainang or transmatiog water, have, under ordinary circumstances, as much or more
mineral ingredsents of the soil have. By all meang lot us have analyses such as hir. Crambadvomates, but lot Orohid Caltare.
Orohid Calture.- I our correspondent "G. II ," id in, expressed his surprise it the speed at whid Urehusare killed, but ithink thennot be wondered plants rereuve, empeorally in winter, is taken into con he wood being made the frat consideration, overy care Thaken to keep the plants coatinually growiug. Tnus treated, the ma ornty of speckes cannot possibly not fluser so freelg as they would if treated more baturalls, whise the more delcate spectes must soon
suceamb under this perpetal growing treatmeat. have paud a pood deal of atiention to the labitis Orchids on the Himatayas, and my ndea of how such species as Dendrohum lalconeri should be
treated may not be unsceeptable to "G. H." and others. From November to the end of February I would recommand the plants, as well ag tha stmosphere of the house in whioh they are plaoed, to be kept dry. I'l mald wrather the plants should be Shadmed necaninnall, but never watered at the roots. plants shoula be as frecly exposed to the sun as possible The mivimum temperature should range it nusht from $12^{3}$ to 50 , and in the day trom an an $^{\circ}$ to ( $h^{2}{ }^{2}$, and allowed to rise with sun-heat 10 न $0^{2}$ or $70^{\circ}$. moressed, and the plant should be freely syringed ove bead, but watered sparingly at the roots. For the following four months the syringo and watering-pot must be freely used, butio in September and October gradually withheld. Rain-wrater, raised to the temperature of the house, should always be losed, and, dursng the growing season, the evaporating pans, as
regommended by $B r$. Lorimar at pare 585 must not be forgotion; the more there are of those the better where available I would recommand a long shallow tank under the stage, Fith the hot-water ptpes the munimum tomporabure should not be lower than $65^{\circ}$ at might, and in the day not under $70^{\circ}$ to 75 $90^{\circ}$, or even higher. For pottongsueh spooies as Dendro blum, I would recommend Moss that has been growing filked up with decavers on roeketablo and got welit should bo roughly torn up, and particular care should he at lenst threo-fuarths filled with potaherds anl charcoal, and only as mus ha Moss uned as is planta secure. Fior mont sperves. I cousuler leberatary
 pits, appenr to me to be no sentible and to the poind
that I strongly adviee all Orchid growers to read them
over aqain, and as by them. I would also advies "G. H." not to be advised into the cool treatranat As a rule Orohids under cultivation get, far too much shade. $13 y$ far the best flowered plante I have ever
seen on the Rimalayas have beem growing on rocks or bere bramohee of trees where they were fully expased to the eun and rain; and thooe piants hal guch loliage as would satisfy the zuost fastidious Mr. Spruce, the oblanist, who lived so long in south America, also sitrabtions, for in hus "Report on the expedition to procure seeds and plants of Cinchona sucrirubra," to the under Seeretary of State for India, dated January 3 1 sis3, he mentions, in reference to the order Oreh dacese, that "tunst epiphytal Orohids love hight, and In the dense forest they are marely seen, and often in secesable, for they yrow on the upper branches of arge trees, and descend to the lower branches only one sade is exposed to the light." No doubt excess of moisture in winter and heavy shading have to answer for the deathe of many Orohids. In your leading
article of June 26 . you mention that \& the season of rest of most of tho Orchidear begns with the wane of the mflorescence." As far as tho Himalayan Orohidsar concerned this remark does not hold gend, for most of
them flower before the end of June, and the muncinal row ing seasnn is from. June 1.5 to Naptember 15. It the sama articto you reriark that when the (orchids and reheved by an ulnixture of suitable Feras; but why not so further if for, either as regards appearance or the health of the plants, the devoting a house entirely to speeimen plants of Orohids, is any stage, such plante as Caladiums, Ferme, \&o, Beems to me most suitable for Orchads The Oruhids should be plaped so that the surface of their pots may be nearly level with the tops of the other plants. When there is a table between the pasgage and front of the house soil should be put on and ylazted with Nolaginellas before placing could be kept muoh moister than in thooe filled exeluavely with Orchuls, besides maproviuy the apjontmase and economis,ng space Your remark, in the zame artuele, that durang the dark days all the light at comi-
mand is watcel, camnol be too strutly attendel to
 jeelanq.
Ceder of Lebanon. - The followng are the dimensions of a specimen growing in the garden of F B. cinoumference at 12 inehes from the ground, 11 foet
sl feet. At 12 feet from the graund it breeks out inte
aumerous branohes of 1mmense size. It loct its leadet numerous branohes of lmanense size, It lost its loadet
some yenrs ago, which has made a reeat difference to
its height. Wheu a boy, I assisted at the plantug of its height. When a boy, I assisted at the planting of mygelf by jumpma over it when gnasing that woy. Are
 of Lebation t1.urishes here. (He planted by my father
in 1810 , on the marrin te ot P mee Larnuld with our Princeso (harimite, tranks, inchar 11 er cumference at 3 foot trom the 1 round. in isi9. 93 inchen It has a satulu atem, minchisis to the seround in every
 mises to the of surpassing heauty an I slae 10100 yeara Prome Thos C Aruan, Further Bayfon Cirencester.
Dwarf 8urface-clothing or Edging Plants, - Two phants I have been cuitivalimy thin sixa on seom to mo likely to prove useful as dur art eitang or bonder plants. I refer to Pyretbrum 'Pehbateliewi and Veronica peetinata. The former is a uative of Asia Miner,
pamed alter M. Tchihatahetl, author of the "Floss of Asis Minor." Its finely cut leaves, pale green in syouns otate, mprend flaty over the mround, and rapidly oover tt The Veronica has nuwerous branches spreading in assmlar usanner. its leaves are omewhat rounded and hary, cremate at the enlses, 'The shade of colour it presents is that of a hoary griy, sheh as is presented by mome Nalvias, sud is uot usually foms in the senus. The use of both, however, is the liat ypreading habit of Yet another
reek, for Sorm of Insents.-. It Beecles last swar, for several days, the conuman was litherally covered, and the tents of the Rille corns was filled with them. There was no eseape trom them anywhere in the neighbourhood. A reporter who uses ink told mo he had the greatest duffienty in writiug the proceedings, as they crowded into his ink-bottle, a very small pooket one, snd spolled has ink. On the tables, in the beds, over the bodies of men, women, and children, they crawled or alighted. Nothing lise sueb an infliotion had ever been seen by the "oldest inhabitant" Sinoe then we have had volent thunderstornus, and torrents of rain, which have, donbtleas, disjepend the gaats, and Festerday (Sunday) and to-day we have had hurricanes of wind enouigh to sweep every flyine insect into the ees. It has pretiy well swept or tom my fruit aff, not only from orehard, but likewise froma ly ramudal trees, and scattered branches and green leavé nser garclens and pleasure rrounds hy ine cartloas, torn an my flowers by vases topay-turfy, and lalt a ruined wreck where a fow





 the walls, and said "We have had galvanized wine fixed to trann the trees to." I sail I did not like the plata; of course he asked why; my answer was, I though
there would be a grest deal too muloh drailght behind the trees, which very soon proved to be the oase. I
entered on my new situation in the autuma of 1860 . The follownes summer the young shoots of the Yeaphes and Nectarnes were almost white with milew, they were very unlialthy, and did not ruen their wood in the autumin. Ia 18132 there was very litte frut, so
that someting had to be done. The objeet of the wires in this case was, that the walls wore so rotter, and the mortar was torn out so much frow the jointo, had the nanls would not hold, cuasequenty the whale had to be refaced. Stout galvanaed wire pegs, with noles in the ends, were driven 11 the wall, about
inches apart. These stood out from the wall about inches, which was a great deal ton much. Simaller vires were then stretwhed lorizontally from end to end. We then wanted to put the wires closer to the wall,
for to do without them altorether was almost impossible. To effect this was not sm easy, as the pegs would not drive well I surgested tirat the pers shoulu be bent, which was done by bennung all the perinupwards until the wire was withiu about three-curths of an inch rom the wall. The trees ollceecued wuth better after eadx me ta machtion ? inferent sort of 1rillin on which
 feet, has been trellised over, and on th.s Vemetable Marrows have been tramed. The shoots have already grown about es feet in leagth, and are bearing a harge quantiby of frutt. I have been told thet they ape noed lor cows, but 1 have never tried bhem, as my employer in the neighbourhood, who have tot gardiels of their own Many \& rough and unsigntly shed might be advantageously covered in this manner charing the
 deraned by severa. crowari an flamirlegs and tor this




 ba mequalled antat, sut that valuthent the hing of fratta
 appearutue' in the table. Litie the Cay enaca in th

What shy in producing suckers, but frequently forms a tier of kills as large as ordinary crowns: these soon make good plants; its crown is also available. It where there is plenty of head-room, consequently it is Edington, Nrotham Park. Barnet.
The Asse日sment of Nursertes, de.-At p. 919 your correspondent states that nurseryman and markat
gardeners shall be assessed under Sohedule B. This I do not read in the Act 5 \& 6 Vietoria, which sayn the profits shall be eatimated socordiog to the rule conthe rate contanned in the sand schedule (amount of it sianti be oharked under Sehedule B , as profits arising from the oecupation of lands (etd ). Your correspondent
does not say this, but lee says thoy are assersable under
Snhedule B. instead of pasing uuder that schedule

 grown under glass; thus Apples, l'ears, and Plums appearance of some Ribston Apples, having upon them brown patches tie size of a 5s. piece. The first idea, the extent named) the Apples were baked, and this was curiously illustrated by the Apples on branches of the Some Pears on the next treo are affected in the same way; thas may he not uncommon in the south of England, but in to sears' experience I bave not seen it
in the north. The heat on that wall on the 2 th ult. Was over d30. My Currants are much hlighted-the red
have lost most of their leaves, and the black are an ugly bintebed brown. Can any of your readers advise Restio subverticillatus,--Is there any just cauce or impedment why thas very elegant illunt should n
take up a position in the subtropical garden? cheerful preen colour. its Equisetum-like form, and its
graceful curves, induce me to think that it would be much apprecasted, cether in place of, or alternately increased from seed, It is diacious, it 18 the male plant Which is so elegant, as well as by dipision of the root. There is a nice phant of it now in the Cactus-house at
Kew Gardens W. T. [This is the plant grown in Rome garders as Willdenoria teres. EDS.]
Roses.-I should be glad to see your valued corra-
spondent, the Rev. W, F. Radelyfe, favour us with his firther opinion upon the merits of the batch of new Roses sent out ths year. I have been given to understand from a reliable source that they are exceptionally

perspecture we have had already anticrpated in dian of every shade of crimson-scarlet, crmoson-red, and carmine, \&e, and it appears impossible to improve done class. The new Eaclisin-rased IRose, Miss Ingram, is a colour in the ripht direction, and a realiy Frown Madame R.vers or Madame Vidot wearo unable I bope our areat Enghy hose-grobers will persevere friends across the Channel, who send us over every season hosts of geod, bad, and indiferent, the latter
generally prepondcrat.uyt over the former. In reply,


 operation of crossing bas bean duly attended to. Devonienss Rowe (revuwn as a standard on the Dog
Rose) were cut back to froni! tis 15 inches shoot thus treated has sent out fateralis about 5 inches
 at preaent difficult to say, but it hafe now the appear-
ance of a nice compact atandard Rose of moderate growth, so different from its usual atramgling habit
when budded as a standard. A. Godvin, The Rosaruum, Substitute

 altuitum to e formadable rval in Bosesea cordufolia, \&
small, hard-wocded, Australinn in
 Wrowin the Crystal laslece, H. T.

 present time, and metther the dry summers nor cold Winters, anuce it has been left to shift for itself, seem to tree are as follows - Heipht, 23 feet, circumference of


House, Ampthill. - The Wellingtonia here was noticed in the Transactions of the Scotish Armorsnificent work now publsshing by Messrs, Lawson, In $186{ }^{\circ}$ its height was kiven as 12 feet, and probable age 11 years. This tree 18 now 25 feat high-diameter of
branches, 15 feet 4 inolhes; circumference of slem, branches, 15 feet 4 inches; circumference of stem,
1 foot from the ground, 1 feet 8 nches; length of leader this season, I frot 8 mubes, It is perfectly
healthy, and of beautiful symmetry; it suffered no
 Conifers plauted here not one appears to like boilh
soil aud elimate better than the Wellingtonia. The voll in in deen heavy loam on a limestona qravel. Rober
3foulton, Gr, to Lord Athamney. Somernille. Navan 3oulton, Gr. to Lord Athlumney, Somerville, Navan
Royal specimen of thas tree was obtained from the
Sloukh, and planted on March 10 , Royal Nurbarles, Sloukh, and planted on March 10,
le63, the wedding-day of the Prince of Wales. It
measured, 2 feet from the around, in the sprank
 feathered winh about 13 eer hikh. it is perfectly oxtreme beauty. It will be seen that its growth was checked by the dry summer of 1868, and probably of this year also, for both months of July were dry, and we believe it will be found that the warm and copious thunder storms so common in that month, and absent last year and this, greatly favoured the prowth of many rees. The four-sear-old branchlets are dropping of drought of 1868 , I cannot say, but 1 t does not at a.l 1njure the appearance. Two olber spermens flourish here, but not equal $y$ with this, which had the advantage of
being planted in ground trenched for a garden 30 years ince, and used as a fruit garden. The soil is oollte chemically lime and clay, and the elevation about
ino feet above the sea. Thos. C. Brown, Further
Potato Grafting, \&c-I have heen watting to see some results of this practice published in your jourpal.
Bemg a new idea, many are anxtous to hear something more about it. Many doubts have been expressod as to nny good coming of it. That is very natural, but too
commou, with respect to anything new. Tho results of my experiments of the past scason will perhaps enable those interested (and who 18 not?) to form some con-
clusion with regard to it. Doubtless it will reanure considerable practice before any rule can be laid down to gain a certain end How interesting, for instance the practice so far as to see his way clear to "work up" a Potato, to please the eye or the palate of one who i considered a "little" fastidious! pave just dug up crop from a kidney called the Uxbridge, whioh I grafted very ourious a manner, and so different from anything
Thave before seen, that I rm induced to send 7011 a
 tubers strung together in some mantances, so this is coll-
vincing esidence that the characters of the various sorts of Potato can be altered by this operation. The crop consists of 27 tubers, the largest 5 inches long, but not ney grafted into a Recik has not taken the above pecushaped tubers. An T'xbridge in a Dunbar, which is a round Potato, produced a crop also strung topether, but with improved tubers in shape; one or two have as
young tuber attached to them. A Rock in a Fluke is but very little different: 1 faney, however, the eye 18 on
so doep as in the original Potato. But a Fluke in a Dunbar has a crop of the most distorted worth lens tubers imuginable. These were all grown in the deam, with some washungs of a roadway, Pould be found to cause any distortion of the above Potato more than the others. There are various particularly as to when aud how the manure should be applied. The practice of sowink guano on the sets at started time explainu many fallures. If the tuber hav to let in the salt, it is almost sure to kill it. Yet this 1 putting it on the Potato some incthes thick, and then a sprinkie of guano over that. The Potatos grown in
this way are often warty sud eoapy. There are others,
who to my mind are more wise, who manure their Who to my mind are more wise, who manure their
ground in the autumn, and atherwise prapare in the spring put in their Potatos without dung of ground, which no doubt helps the plant if not suffiof cround on which for a gencration the ash-pit has suppled all the manure it has recelved, and year after always with good been planted without change, and suitable for the Potato. Allito provers the natural soll in varinus places requires different trentment, still it of the practice of various manures in connection with various soils. There are fow planto in which so geueral
an interest is felt ris the Potato II if. Protection from Frost, -While read
of a tribe of northern American Indaning an account I made a note of two matertals which they tave Co kecy. their tents of poles arranged in $a$ conical forme cose them with skins, and lise them with sprays of the is fair to assume that thay time to time renewed. It than the smoll of Picea balsamifera for biving a preference to this species for keeping themsel ves warm; and as I believe it is easily grown in England, and is not
expensive, it mady be worth while to give it $\begin{aligned} & \text { a trial } \\ & \text { place of matting, for half hardy plant }\end{aligned}$ place of mating, for half hardy plants which are to rial to which I allude is Sphagnum, in other tratio wrap the lower exlremities of the1r in whints the travelling in the bar-shaped crailes which are sol pended on the harks of the Cree mothers The Spaunump is said to form "n sont enstie berd, which absorbo
moisture very readnly, and affurds such a protection fron the winter cold that its place such a prould be ill ano
olied by any other materul? blied by any other materil." Posthy a layer of form a better protection than mattiag for coserimg
plants anomg to dlower shows, or for layng orer , or lor layng over frame
Hylurgus pinipesda. - Your correspondent "Y $D$ at p. 10 ī, says that the economy of this insoct is well
knowa. I nu of the opmom, which Sir John well expressed some years since, that "in entomology we have had but two Hubers, nor can we be sald yet to The most patent facts are notceed and repeated by one the world. Let therefore no be fis observiug everything he can regarding the hahits of the fear that he has nothy correspondent bas obviously himself something to learn upon the subject. Most people are very well amare often attacked by 1t, although no old Pine trees an growing or felled, are in the immedrate neighbourhood But 1 chuefly wish to protest rgainst two of has recom. logs laid pore, that to save a vaiued tree seren robbers expose a plate chest, trusting, to catching hy thee afterwards: the other that the proper modo of de stroysng the lusert is to remove the bark of the the attacked, or to fell the bree-the two modes being in my jouth beng led by the dystum of
some large Bulver Firs bally attacked by Adelges Pioee I was told that the only way 10 save those not attacka was to cut down all the rest. I began to do so, bus that if I went on I should soon not have a singla ons left. I therefore stopped, and in a fow years the thaw
began to recover and the Alelges to diminish, and nor they are finer than ever, although sady fower. It y seen its ravages so severe as to threaten ansp
thing like the death of a tree. It is the thing like the death of a tree. It is
attacks on the younk shoots which give alarm, but
although these destroy many of the shoots, there ate plenty left, and another year may be less favourablath character of the seagons in wheh it flourigaes mhoin
the extent of its depredations; the offiot whal
locality, age of tree, cxposure to wind, hase upon to be found in Ritzeburg and tho stereotyod and books whinch follow him. I observe that it compe other norlh and sistly, one suffers nore than the other hat a few seara difference in the she of the trees seemp means oxtend our observations, amd not rest satified with the nsaurance of any one that everythog Fern-eating Caterpillar.
whether any kiul of caterpillar fed ou Ferns. I wnot no say that I had just destroyed one which and Oue of your correnpondents asked of what species 1 nore than that bright green colons. I have now a rreeubouse fitel troubled wath slugs, but they seem to confied the last few days I havo observed that a strong plant od strouk-jawed enemy. On turnmpup the fronds to lool
for sluge down fell the caterpillar which I now sead for slug down fell the caterpilar when
you, one of the Yery same speues as the one I saw
aro. Since writing the above I have found the of a Pleris hastata banging in tatters, Having learad
what to look for I soon found the eriemy mosi ingatiously concealed by embraring the under side of the stalk of a frond with all his feect, and na s atate of wire-
 The Fert-devouring naterpilar is that of aigh omvivorous, for though occarring on nesrly every Cabbage and Cauliflowor in the country, ifs, ind from

 down after the leaves had started, and in showery
weather. In 1880 I mowed off my leaves, as soon
ther he orops were tathered the severe winter (an inter had no
trong and theckly foluged. to let in liant and ait ${ }^{\text {to }}$ the new coraers i have just removed all the dropios
leaves round the plants, but none of tio crown laves The new leaves will soon be at full height the Stephen with a pair of Boissors wil oarefuly cun ner the old leaves to admit inght and air to harden the ne
crowns and new leares. The new plantations (planted
July 1' and the worked plantations look like beantifu]
clumps of green Firs. After cropping clumps of preen Firs. After oropping remove your strings and runners, und copiously and constantly water
the plants in torrid weather. For omiting to do thir Inst season, people hafe had no Strawbernies this zcar. Arerous clay-sjread over the whole surface, is better
for the formation of new crowns than rich which will drive the plant into leaves rather that
crosos. Put on the stimalatiog manures sold, about February. After croppung, the puid or make new roots from their base: the old ones die out new roots, to re-establish the plants befors winter sets in. If this is omitted till March-usually the cere roots sulli cient to bring the erop of berries to perfec
ton Ileme peonle everain, "I cannot think how is I never caw my plants flower so well or set their
fruits so well, but they never got binger than a pea, and The Royal Hortioultural Sooiety and its intended principles 111 the main, will deny the fact that some the "tome hovn" of the Royal Horticultural Soctety. thang the initatave in rikird to its programme for bespe with to little ansiety, and many datheultese Cotucil when it is taken monts account how many
and variable are the interests it has to coter To most simperficial observers horticulture in in
general and brondent That this is not really sons I need not assert. IndiVhiualiy we have "our hobbies." Hobby riders become upon the surest of all foundstions-identity of interests and feelings, has its panacea Presuming then, healthy state of revenue and expenditure on the onhand, and that it wishes to encourage the legiti-
mate wishes of the florist, the trade, the growerg and vergetable growers, and others, oride growers, fruit sure esufully, and to release itself from those embarrassthe Council sees its way to give smple prizes it could not do much better. But the question that will then small fortuightly shows, do an amolynt of national good word, will the forth what is expected from its In a 1ts preatige among the leat ng sorceties? Thus sh the broar view whech we must take of the subjcet, of we would see the Sorlety prosper and mrease in weslth
for the fature I am one of those who attzch great
 pants or things ane purchased periodically, it is a anre
aika that the employer approciates his gardener's
efforts, and enjoys the fruts besides. Now, very
frequently alarge show- ahow which, from the known will induce many emplovers to bo, thatoth attendingnot do so, and this proves a very great incentive to
trade. Written roports, however ably given, sedom trade. Written reports, however ably given, sedom
looran the purec-strings an tue way that the actual
" enst of tae eyes" does. whether these manor fortnightly slows are flaty worthy of consideration. If they decrease the interest this kind, then very mueh will be lost. The Elitors,

 Interrational, in fact, were an incubus, I would tha




 extibitiors, in atating this much, threw out an oxcollent sugestion, to the elfeet that therery out an
doctors should be induced to lend a hanymen and duseniinaing the knowledge that a pood horticultural extibitions were held within suth chasy reach. Coild
not the metronelitan

 tain" Las a station in the imruedatet reter introve of the
gardens, an 1 thus atords direct and constant commu-
 prepared of to them, batinformed that turd thent
 uppon whifen to hoda an exhibition, duvide the days or
tie l luaree therein into two or more parts. Instend of almitung carly visitors at 1 o'clock, let it be $120^{\circ} \mathrm{clock}$

 interests, might ald the exchequer materially. I cannot leavo the subjeet mithout a referene to to one other fuat
If the counull defniturels determin propramme as partily seeforthe and doterminen the that whole
 Aas been nsegted apain and agin, apicerniog the


It matters not what skill Mr. Eples may bring to bear
upon their arangements it will be perfectly his power to make "an effect" in such a place. The has been frequently used. It is fit ooly for a dry dock tions with immunity from the outer elements! How Botanic, for such displays. tent, such as is used at the at tle back of the wall between the large not be placed areade, with an entrance near Mr Fox's offica, and
from the doorragy at the top of the Exhbition INoad larity of the Royal Horticultural Snclety; hence I have not hesitated to siresk freely. Hillian Earley,
Ligucell, Welveyn.
[Our correspondent is not the only one who has Jumped to the conclusion that the shoms are all to be "minor "fortaightly oues. We arc
not so informed, and have seen no such announcement The shorsmed, and have seen no such announcement type, very much, we presume, as they arger smaller that, the spriag shows will be more distributed over the early meetings, and all will take place on meeting days, Rose show and "great" Rhododendrou show, a "great rinciplo of rectriction rather than of exs alow, but the dopted. That is practically all the chanke that be me made, so far as we understated the proposition of th counch Tho exact amount of chan
ver, we canot allow our correspondent to . Mor words into any such statement as that the Great Inter are necessarily so. We did not say this; but what we
The Early Rose Potato.-I bough and they lave produced 142 lb . Wonder rubruary last no mistake?] They are a fine sample, and wheu cooked are white and mealy. The following is the sisted of flve tubers of equal size. I put pound convinery, to enable them to push the eyes and afterward cut them up into 68 sets. I manared the ground 2 inchea thick with the dung from an old Melon put and planted them as I dug the ground, I 6 inches apart between the sets, and 30 inches between the rows.
Cambrudpe Our Old Timber.--There lately stood, in St. Peter's Road, Croydon, a fine specimen Beech tree, measuring 11 feet in girth. On Wednesday last, at 2.25 P. M., it was caugat by the aale and blown across the road on glass, root of a gentleman's house, carrying slatea, of he past, as it was beins sawn up, I found it decayed in the centre In one of the matin branches I coounted vorind, on lonk.ng at the lopearance at was perfert

 ruad. D. J. N., Croydon, Sept. 15 .
Pot Vines at the 8 oyal Caledisn Eorticultural
Society, - Four reporter, in his account of the Exhbition of the above Socinty remarks, in refereace show purposes." It was clear to the most mex awarded the lst prize in its class was nothing but raged I need not say did did belone encour My fricuds North and South know me better than Hy Vine, which was placed $2 d$, was bonó fude a po Ine, as also were my others which took the ist prize on this attempt to put half a y yinery in a pot and ther into a box, when I learned that my opponent was an amateur, who stood in need of a hitcle pra"tical experience, and a hint as to what 13 uniformly understood on the judges; evidently they took the same view as I have done, and seemed anxious to reward toil. But is it not desirable that commiltees, when arranging ceep the over logieal competitor to the wording, 80 as There may not appear to some the same wide difference between a not Vine and a Yive in a pot, as there most practical pardeners nho saw the plants ascee that

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 by our reporter, and also by Mr. M.L Mod, cannotedtegitimately becalled the pot oulture "o Vines. EDS.

## Forefor Correspondence.

A RUN TO MAFAbLRshwar.-It was evening when drove of towards Poonal. The road leads through sentiy unduating country, with here a temple nata, and there os woll with its and Plumiera, acumiIfere a garden redolent with the perfume trees Jasmine and the Rose, cultrpated for offerings to the IIndoo kods, and there a field of Bajeel, offering it beadiful river, about the size of the Moola, beautiful river, about the size of the Thamies
at Kew the Mango (Manzifera indics) Asok (Jonena Mango (Mankifera indica), the ringe its banks. Here is zocurina muricata as we pass the delielous perfume of the fowers of Carica Papaya salutes us. We reached the Post
Offes, gnd getting down, we sent the buggy home
and proceeded to look round the establithment, whioh
is a commonplace look rag bungalow with all round, and a large clock in the centre, which basa with gravity enough, if not wisely, "it is $100^{\text {ocloch }}$ ! periaps, but on the whole the a same two-wheeled, redThe fellow 1n the turban has kivene the order, "Bnos forth the horse ;" "Horse ""We repeat, as four skitulish-
lonking ponies' are led up. What' are we woing drive tandem: They are only one-horse gigs, but one
is put io the shafte, and another on one side. So we say, "O! we are to have three ponies;" but no we are requested to get up, and on inquiry find wo have way of buckling-to. While wondering what the uas Office authorities meant by such a fang what the Pos Jehu advises us to look out, the ponies heads are let of: when the wheeler, rising on his hand legs, spriags something his outsige butting his head deolis to proceed. After much pushing. coaxing and whacking, the poor brute starts off. "The post's shrill horn re-echoos through the air, and on we go; the
Cluristians' chureh, the Hindoos' temple, and Islams Aluse of prayer, are soon looming in the distanoe changing station, after a run of siz miles; hare ireah It is now September, and the native greins may bo just coming through the soil. Just as the sun's light tinges the East, we stop, and the driver, saying, "Ye of the Mahableshrar bilis, the prive reached the foo the Bombay Presidency, and lienceforth tre mation of ome other conveyance. As we had been working al he previous day, and riding all might, we determine bungalow, an instatution of towards the travellers homelow, an institution of which your stay-atdear readers can have but at least a far-fetched benefit of aill trioo requavernment of India, for the anefit of ail who require to travel, has built, at $\pi$ disa ungalows in which the weary traveller roads in India, find protection from the sun's rays lin all rest and providant ones a messman may be found, who can fors of toast the necessaries of life, and sometimes ane aceording to alist on the wall stgned by the magistrate would find favour with some in which, I dare say, India. We entered the bungalow, and having divested to inquire a have breakfast ready at 8 o'olock, we wating, and to lean and fryed erpys. By hour, we made a breakfast on donr, and we made another start.


We then passed plantations of Bamboo and Casuathe scene with its beautiful white spathes en en ara nows nearly 1000 feet above the sea, and here is Ling is beautifutly cituarnment Cinchona plantation. It Which the gmall stream the head of a valley down
are planted out on smail terraces on quinine irees
Four are planted out on smail terraces on the hill-sides.
Four years ago the plantation was starterd with
(i) plants and (reased bla, and now the numberagation to nearly bas heen in- in-
cin). They
are from lo feet hagh downwards and in and are from 10 feet high downwards, and the They
mant health sown in thenr the fonage is denght-
ful to nhshent credit on its superintendent, JIr. Gilling theter with Bracken, and at the edge of the water betothed clumps of Osmunde cininamomes, and on the Mons grown rocks Cheilanthes tenuifolia and a small Asple nlum are seen. We then passed through market dammed up a small stream and is watering his Potato plof with it. The Potatos Grown here are the finest in ndis, and are not burpassed by any gromin in Eurone Another is planting Strawberries, which yield heavily rom February to sune; while here is a plot of green Peas in every stage of growth.
These Chinese have been conticts, sud are capital garden men-worth two Hindoos. The principal mini not quite handy the Chinaman will soon mato it not so the Hindon it is a mantter of the most profound the oftener the handle of sort of tool he works with, for him, as he can then of his hoe We are nearing Mahableshwar, and the scrub

Jambosu, hecomes thicker. The Willow disappesrs, and $\mid$ have sprung up, some, as Denver, for instance, aliready its place is filled with Tetranthera apetala, while
and there the road is entrely arched over by the and there the road is entirely arched over by the The Datura arborea in rery common on the and bere is a benutiful l'ters, very like qualriaurıta, Cynomlowum culesthuus is sery plentiful, and setrai
species of Orchids may bas seen on the trecs, but none are in flower. The dried-ul fronds of Colysis mem-
 aurita, in company, with Arisayma. Murrayi and we arriced nit the travellers' buncalow, which is 78 miles from Poonah, and $47 / 0$ feet above the level of the sea, The mean temperature is of $50^{\circ}$ and 200 inches of rain fall G. M. Woodror, Gorernment Botanic Garden, Poonah

## Notices of 3ipoty.

Les Plontes Grasses, aratres, que hes Caetées. Par Ch,
Lemaire. Paris : Librairie Agricole, Rue Jacob 26.
 A short tune siuce ye called attention to the publea-
tion of an excellent little volume on the Cactus fammly by Mi. Lemaire, and we have now to announco a companion volume on other sucoulent plants. Within a great deal of usefui information respecting these plants. The author's task was the more difificult, as the plants ne had so eat they are succulent. In almost all larke oruers some of the syecies are of suceulent habits, us We had occasion "O remark when

life" (p. © \& 3 ). tieable, M. Lemaire has adopted the alphabetiral arrangement, and under each Renus has given the
etymolozy, generio claracter, and bistory, together etymoong, generio character, and bistory, torether minent species in cultiration. Time was when this olass of plants wan in bigh favour with celturators,
M. Lemare has remanined failuful to his earty love, and lanments, ant will gond canse, the liekleness of fashon whith has left these plants comparatively uncared for ; and yet we do not
know of any group more intereating , The forma are varied to intinity, some are beautiful, many otd and protesque, the tlowers almost always pretty or briliantly coloured, sometumes gorzenas. The mere collector may revel in the oddity of their form, or in the beauty of their Howers. The gerdener, intent on deca rating his parterres, finds suitable plants for his purpose in abundance among the succuients, as may be seen in the increasing use of Sedums, Crassulas, Echeverings,
and the like, in summer beddina; the morphologist dolights in their quaint forms, and in the admirable illustrations they nliord of the way in which plants are
 state, owing to the diffenlty or preserving them in a fil state for examination in herbaria.
To know stupelias, or sedums, or Mr sembryanthemums it 19 necessary to grow them, or at least to study them in the garuen. Such being the case, it is extraordinary that our collections of these interesting plants should lave been so much reduced, How nary of the Stapelas and Mesembryanthemums, mentioned
by Haworth and otlers, remain in the country?啫 Haworth susp others, remain in tione country? it is not, as with the Yroteas, that large or expensive establighments are needed for their oulture. An amntenr with very modest resourcos might cuitivate a large proportion of them, and derive intinite pleasure from so doing. As an incitement and a wude, be cannot do better than purchase this
unpretending but valuable htile books, at a cost of less than 1 s . ist
Having indicated the qeneral nature of the book, it will be eeen that there is really not much room for criticistu. Tho author has long been renowned descriptions and juformation may be trusted accordingly. We may, however, call his attention to a work whuch he has urobably not yet seen; we refer to Mr
 is no article by Mr.J. G. Baker, descriptive of the wpecies socompanied by coloured figures of Beveral mewl Baker reduees Fameverim to (otyledon, and some of


 arises from tho diacovery, slare 11 Lematicericionaly wrote, of intermedate lurms linkinc ine several forms together. For our own part weare dispused to follom Mr. Baker's urrangement in preference to that of Lemare, but that is mare matter of opinion. (ques tions of this kiod by no means detract from the value of the hattle work before ua, which Fe cordiaily tecom

Colorado: ite Resomres, Partis, and Prospecto as
Now Yield for Ehaljration, de, 1 By Whilham 13 ack
more. London 1.ow, Son \& Marstor About twonalhirds of the bon \& Marstou
on the enst and San Francimo on the west New York the east of Utah and Salt Lako City and north of litte to Mexico, lies Colorado. It is one of those transition States whose progress is so remarkably rapld. Where a few jeari bark a havdiul of lawless pagabonds were
coad is open, allowing the traveller to pass from Colorado to New York in four or five days, or to San that the trade and the ponalation will larkely snorerne. operations, bat the land is wrdl susted lor stork rearing The so-malled "paris" are forthe umand valus, foro the level of the sert; one of them comprisus no leas than of a number of extraets from official ducuments nnt trustworthy books relation to the distriet. The ththor adds but little information himself, sad are, as might be anticipated, the discriminative uttentio commend of intending emigrants.


 noths tuan tro found harateristic iliustrations, The book is intended for beginners and amateurs, but it 15 nevertheless vastly different from the vacue trash so often served up in so-called popular books. Ia the present instance, although technicalities are to a eceat extent eschewed, yet previmionis attaned, hy the use of extraordinary. The work is in the main deacriptive o the structural perularities of the anserts in their several stages, aud of their habits and modes of lile In fact the work is of a practical cloaracter, dening with incts and soundness of judmment, and leaving the reader to draw his own inferences. Is the author has in our opinion, succeeded so well in accomplashing his self of metters that did not enter into his mlan, plac so too f mattare set heloreus that, like (Jliver 'Twast, we have is the fare set helorels, that, like (isce to hat, We. We are glad to atay, and hundreds of young entomolngiots wil hat with joy the adzent of the promised rompanton solume on the butterfies. Inet every parent whose children manifest the shghlest tinte for butteril. antching treserit theve volumes to thens. In foture
years Ioung liopeful wall thank us for the irtwar we yearg Voung liopeful wall thank us for the ilvisa we
now tender, and we are sure we shall get the thanks o the parent too.


## Florists' Flowers.

The recent Exhibition of the Royal Caledonas Horticultural Society, at Edirburgl, has sersed the zood purpose of briusing the Ifollerirock to the fore
as an exhibition plant. Ou thas pecasion both spikes asd cut flowers were finely, even gran fly, shown. harely, however, is the Holly boek now senu at exhibitions in the southern districts of (ireat 13ritain, and then only in the form of cut tlowers. One mastst travel northward to see it exhbited in mqqniticent apther bloom, like those seen at Edmbureh a few days 230
 Cheshunt, Satfron Walden, Shough, and other places cut blooms, It is by no means a neglected fower now, till manour ilustrious. notwithstuding, and Heserves wider recognition, and the display made at Edinburgb nust surely help this.
In th: \ortit
14 the en number of spakis to be milumt umatormity in the arruliceatat, two iletante rtime
 nore exhbited, so ws to sccure six sp. kes jn the bask row and five on the front row, in the arateurs bited. In the first-mentioned repeotively were exhiLaird \& Laing axhibitod so grand lot of 11 gavkes, that were thought by some to be the finest lot ever exhbitcd. The sammer has been a yery trying one
to Hollyhock cultivators in the North. A proluaged sesson of drought, combined with a scarcity of water in some parts, has sorely taxed the patience and skin of and the appearaurcs werc welcomed wull tuluch hopeful joy, a heary frost on the last day of Auzust played sul
havoe with those flowers wot jrotected by artilicial ail I'he strong luxurant growth of fulage, so character jstic of the North, was stricken as Bith an attack of
hook is invariably cultivated in somewhat shel bind
spots, and whero there was the moxt shelter the Infury was done. The kinds exhibited by Meat










 and Gildiatatr, Trict brizht







 group to which tho 2 phil
The olase for 12 blooms of Follyhack for mimin growers brough a romarabel compar and tio

 hooks, and Mr. McIndo
tower aloue in $\mathrm{Nr}_{\mathrm{m}}$ Merl
peiit nginint than There
Ionl hack Tin Peo F. Hiante an the botim






 $\frac{\pi y y y}{M m}$ promisising pale-ocoloured eeading.





 Lall were not suiliciently in bloons to be exhbitge al clearly apparent when vissting some of the Rol grounds in the nemybourhood of Eilinbun

## The .apiaxy.

Forl-hroor,-In a inriunt miper we hineot of foul-brood, which he claims to hare disenc He asserts that this diseasse is caused by ferfine Dr. Po len, combating the Fugutht he could at an5 Dr. Preuss. He also states toat feedigip th Termented pollen; and not only so, bat that ber discovered the means of working
eveus in the cences of the most matimant forn of

 distingulathed (remman antarians, 1
Mr. Lambrexherts utiner havang been gaopled by th Branswheck Aphartan buc
Irelimanary oucration
healthy hise
 robter foul," Itr Laluf, recht behesmin" humposit "But what a siflat revealed it
crown-board, amu what o wask. forad seatered rottea and sink arg combs, and upon these pre of exercise our ablisties, and jr


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Tould have rciumred on cure thre ordinary means, but th
preseat fretuled condstion of the
o ex traordinary mensures, in order to
flecting a cure.
the bees were returned to, and were in full fight upon their stand, whieh. 10 order to prevent infection, Was
placed in a garden lalf an hour's walk from limuswick, placed in a garden barchan hours wask from " "in Juls lis we inspected the cured hers. (me hive
 inem were clustering on tue admhthag board, drone-
com, bs and worher-celis were filled with heiutiful tom, and worner-cens were whint on therr edges were royal cells just cid ma a few days. We now nospected all the cells, and thare just gong to give vent to our joy, whenn in the proved clearly that the peat had not yet entirels diospppared
th hase was agann inspected in the presence of the ( 1 inmiomeners. The queen cells haul been previously exilnert to prevent swarming. A very rigid scrutiny
Wis inade, and the following report was drawn up by the commissloners

Brunswick, July 27, 1800.




Mr lombre ht in at out to publish a mamilat by fubw-ibral, i, of keepman: it from the amary, of rendering infeteal homes agan fit to be used for bec-food, and of at cone freeng tee liest from its contagoous character. haring, in Eingland, thes subecribers, when the price TI: Wl, Wo dlbury, Euy, of Mount Radford, Exeter, win phuly rective the names of intendibs sub-
serbers, but he wouhd rather they did not forward the

 Mir frivethlense istes that he was at first an
 and $\begin{gathered}\text { atuts of the experiment. Ihaierzon, Von Merleppeh, }\end{gathered}$ in the belief that Funcus is the cause and origin of foulof the diseace, but for its celtife No No bot pretend of dectuse which party is un the rubht

## Garden Memoranda.

 In ewamilution ol 11.9 mauy buiky catalogues that are
annually sent out from the great seed frms, suggests
the question, Are there resily so many diatinet variethe question, Are there resily so many diatinot varieFarieties and many mames? The latter is no doubt the
case to a considerable extent, as is made evident by case to a considerable extent,
compring the many varieties
Coustleratio
whwh hittle in hinown, excer it surh informes of seed, of furn-lifd by ratalonues and trade circulars, no doubt suggentru tho catablishment of thise grounds, At ans
rate . Ifr. larr has made good use wi Lis growing for comparison large collections of Peas, leans, Leltuces, F Latos, \&c., together with large quantithes of annuals and other plants. To ascertan the
merit of noveities and for tesing the quality of seeds merti- of noveities and for testing the quality of seeds suppled by krowers, triass of this hind are invaluable what it is lue sellos to his customers, he could in no other way satisfactorlly furmsh hinself wath the desired information.

Anongst the large coliertion of l'eas grown here this setson were Carter's First Crop, what was ratier Dheksnisis First and liest are consudered the sanse Dillistone's Early Prolitic was a pure stock, and quite
distinct from Carter's First C'ron. Sanaster's Improved is one of the best early l'eas o it is longer in the pook, moned wigorous and prolthe lhan Carter's First Crop, thouzin
 Was phire, carrsing a wery the crop of well-tilles rode
 the, and wis reaug for une a dew days earlur than the latter, l'riataher is a good varety, with line, wellfilled, scrmitar-shaped pode. In three samples of Laxand sciraitar-sbaped pods and white and preen Pes were produced rather numerously amonget them. taming lif l'eas. This varjety is also a henvy bearer Another thond cropper is Harrison's Glory. It is
 2 feet high, with medum-1zedi, welffilled pow, is useful variety: Cuhbatord e (Lampon is a fina bearer. with darker colcured folata, and is a hitle taller than Champ ion of EDgland. Fortyfuld is a firstclass Pca , and was ono of the best here hast ceanon. Anody was the tall susar Pea, which is used in the ready war os lieans. 'I'his variely has white seeds, same way sisheans. and more regular pod, than the former

Of dwarfer growing kiads of the Little Gem typ
one called Extra Early Dwarf is probably the dwarfest
of fte class. It conses in a fer dass after Tom Thuni Sutton's Long-podded Tom Thumb 18 in the way of Bretk s Gems hurbure's Mip-e appears to be a pood
 in the pod, and not 7 ate so early us that variety. Continental variety namell Saville, which is very duatf, a grat bearer, and carlier than any of the
other varthes zrown with it Ioyal Dwarf has white
seel, and is rather sw in
 Gem 15 a fone pulder an d god cropher, and very true Small dulian, Yazasan, and the Longpod of Les den, were lowng remarkabls well, and showing good crops,
Mr, llarr, who consider that tho main zerret of suecoss an liettuce culture is to grow them in ight richiy
manured sonl, and to keen them constantly well supmanured oul, and to keep them constantiy well suptrial of all the kinds that could be obtained, but as they are so numerous we cannot pretend to notice them all.
Amongst the dark or copper-coloured kinds are some Amongst the dark or copper-coloured kinds are some

 prement. Ieaves a are of a la hit copperer colour, ine inatde, gra-
 be cheot if tiel ur, hat it does not heart well without heing tied. Ivery's Nonsuch 18 well krown: 1)ickson's Champion 18 somewhat stmilar in gromth, and both are black-sedied. Matalena is a very large Brown Cos,
wath good lieart: Mapnum I3onum Brown Cos, whitereeden, and alytinnqe. appear to be itenticul. Warley's 13romn Cos, or the true old Covent (isar len l3rown Cos than any other varpety grona bere. facket's lerfection is a good servicable Brown Cos, the above are all of the old 13rostn Cos tspe. Wheelar's Imperial is a the Lenden lesusto unter the name of Jhatu Cos shgarimar lusazes similar maractersatics, hat
not sin wark in colulur; this is a pirstraste Lettupe, ard has been amaried Firstorlass Cos is quite distinet from the twof firmer, it sa narrower in the leaf, but darher in col ur than the latter. botb are white-seerled, the leaves are or a dare, metallic colour, they are a long tane in rubrung to Lettuces, Royal or White Summer and Green Sprine
 yent than litist $t$ rum to teat, anl quprear- likely to Bruize Geal of the Germane is a Sine early eping White, not over lrge in size, but eminently sdanted, loche. Brown Dutoh, white-soeded, is $=$ good old
winter sort; Royal, or Admiral, is a fine marke Lettuce this we believe is the seme as the variety nowty grown by the narket Kardeners round Fulham
or Covent Garden. Alt the I ear Round, and Covent Garden Cabbare, are both large, close-liearted, and zood flavoured kinds, Normands (ireetr. Duteh, yellowvinter, it produces good frmi hearts, and does not rup to seed very quackly, Whate Cabbage and Fictoria, as gold in the trade. are both good useful sorts. Covent Lettuce; Neannolitan, nud Bossin Giant, the latter very large Lettuce, of greenisi brum a colour, are both the stgle of 1)rumbead.
In other parts of the crourds were large collections innuals are almo larget, yromin, and very brautsful many of them were. Amosint the many varieties of Mathola the new rorts, namod broornus and incrasata,
sent rut by Messrs, Bachhouse, are finely scented. The renus 111.40 , of whech there are many pretty fperies, 3 here well reprearnta by a line colfecting amoned whth tie follatiog are very fine hinds of sratalean blue, A Mcas, finels halcal bellow, a gra



 Anthericuork. Amongot the interesting species of beautrful and ornamental Hemerocallis fulsa and the varieties are well worthy of a place in every collection the succession of the flowers, despite their short-lived mendations in their easy cultura, being great recomI. K wanso flore-pleno is the best. The fatlieres Hs acintla, H. plumesa blue, is large in sıze, and very shomy $A$ bed of Giadinlus byzantinus tas rery $G$ ranuosus, is a so a geod enr.y blooming species, wotb; whel are of a deeper tint, the thrce lower segments of was magmficent, the fantastic bhapes of the flowers and the sariabitity of their hues, securing as pleasing The Enylush Iris was also represented in large numbers, here also the codurs are magnilisent, when seen in perfection Thase come into biomm ju-t an the Spansh varieis are gondsut fower, and forma tipe succes-
sion of truly handsome fowers. As subjects for nured
borders they cannot be too etrongly reommended, as
nothing could be more beautiful and flower. Gypsophila eleans is a kraceful lithe white doxering annual, that is much more cultivated on the Tumoas saxitrag in that country. The pretty Tumua saxitraga (red) bas very qraceful folmake, ably fine phant for corering rochwork, its trailang habit and beautiful piok flowers mahing it one of the beat for that purposo. Amongst the Danthus family a new is a very fine faricty Linarin triornuthophora nacina. sh purple, 1 s very curious, its flowers being Eomewhat hise three little birds seated in the spur. This genus iso embraces some fine annuals for the ornamentation
Of Lilums Mr. Bart has a fine collection, amongst Which the following were in bloon at the time we saw
them hybridum, aurantiacum (orange), tenufolium (orange-scarlet); bulbiferum, a prowing sort, with bright orange-searlet fowers, very
fine; Incomparable, a fine dark Yariety; Sappho, rich orange, very free; and Thunbergianum, orange-scarlet, -all good and desirable varieties.

## Miscellaneous.

Amrzom Pufus-The $e$ zat region has, of peruliar
 a Plantann becuno rikid and wouly than any Palm, anving immense simple leaves, eath a ready-nade tile that reaches from ridge to carcs. Quite as remariable are the large, corky, tessellated, and echinate triBrazilians, is. This Palm, "allent luasu" by the withm the molumen abnut the mozth of the Amazo some parts of the coast of (rmana; and be the "Palma-pinus maritima, barbadensis et the same region is the "Jupali" (Riplaia ta lisera, has pinnate loares sll the others haring fan-shoped leaves, whle al! the seraly-fruited Pams of Asai and fries have pinnate leaves. It has actually two aplarently pointing it out as a relic of some very ancteat rotanceton between the Old World and the lonerst the leaves of the Jupati are anoug the fery in leagth. Dr. Spruce, in "Journal of the Linnean
Infuence of Furests on Climale - An interesting clearsts andy of lath tracts of lorest was recently read before the Geographical Society. The faots are of
 Souther ir ratat $\frac{1}{1}$ in fortal Soutberu India This district is composed of hilis and lover lopen, however, are now denuded, and the rainfal getation. Aaregards the elevated areste of the Ghar which intercept therain-bearing winds of the southwest monsoon, they would cause an abundant precipitation Whether they were covered with trees or not, but the water supply and fertility of tho lower siopes and plains to the easit are seriouns dimaninhed by the cleariug of forest on the hills, and the result is brought about in the following way, -The natural forest acts as a check on the too rapud evaporation, and carrying ds the rain descends it is gradually conveyed by the leares of trees to the dense undergrowth of shrubs, and carpet of dead leaves, and below this it encounters a ser vegetable mould which absorb a sponge. By theie, alded by the roots of trees, the restrvor of perennial supply of water to the lower land. But rain fallimy on the bare surface of cleared lands runs off at别 which, evaporation is so much more abundant from a surface exposed to the sun than from land scroened (thun 1) swect away the cuthemz of ani and render

## ane of the mith calu-w, in hally comitries, of drought

 ans of dus rene wal lore hate beeme odenuded of Frencur Government has Pequent droughta and the proposition of some sclentific men to replant thess propostion of som
districts with trees.
Chemistry of the Shaddock Tree -The well-known Dutch chemist, Dr. J. E. de Try, who has distin guislied himself by several interesting researches in organic chemistry, and has done much to promate tane
useful applications of this scienre both at hore and in the Dutch colonies, turned Lis attontion recently to the chemistry of the Suaddock tree (Citrus decumana) which, after his hast vist to lava, he found growing by thousands in mandong In many binher localitles lower than in Batavia, the frut of the smaldoek only the size of in ordinary Orange, and is not eatable As the nany thonsand shaddoes trees frowne in the neigh be thourht it would l)= interesitin't in make some experimets on the pharat orn
 that the average juantity of essentaal oll yielaco oj
de Vrij then found that this essence, obtained by distilling the petals of the Shaddook flowers is ideatical with the essence of Orane fowers, cand Europe, by the prinoipal manufacturers of perfumes Whom he consuited on this subject, and who declared identical with the firgt-rate qualitity of Néroli. The nex identical with the ifest-rate quality of Neroli. Tafen nex question to be solved was, whether the mange scaie in the tropics would be profitable, made his experiments, the local circurnstances are such that this manulacture would certainly prove advantageous. Hence it is almost as certain that it could be Mrofitably undertaken in the English colonies where obtained by distllation of the flowers, there remains in the retort a substance which deserves attention, boul if Dr. de Frij's plan of prenaring Nerols on a large the residue in the still is thrown, while yet boiling, upon a cloth, the elear yellowish liquid which passes amount of yellow crystals. These, on being submitted with the substance discovered in 1828, by Lebreton, in unripe bitter Oranges, and called by him hesperidine, the compore hich rematias yet unknows. ridely spread in the genus Citrus, is the pure bitter wubstance contained also in Oranges and Lemons. It caubstance contained obtained casily, and in tolerably large quantities from Shaddock lowers, and appears to be a completely innocent bitter substance, very different from cocculu indicus, picric acid, sec, so that it deserves, perhaps,
some attentio, is a substitute for Hops, In these days, some attentio, is a substhute or iops
when organic chemistry prozresses with suche days strides, it is not impossiblo that the substance in question may have been already produced artificially; but until its properties and composition shall have been more completely studied. Scientific Review

## Q Earoen operatfong.

## (For the ensuing week.)

## PLANT HOUSES.

AToves and all similar structures will now require partioular attontion in regard to giving air and to keeping of damp; for if the former be not judioionsly admitted at this season, both dencatill damp off in consequence. I have before remarked, that s little heat should always be kept in the pipes during dull periods, more for the parpose of giving greater buoyanoy to the air than to afford any additional amount of heat, which will not be required temperate. The same remarks apply equally to conservatoriss and greentiouses, do be permertisd, but tho air should be allow ed free play amongst and througbout all. Those who have bitherto atforded occastonal now do well to withhold it altogetber until the flowerbuds show prominently, when it may be again be given to them with great adrantage. The tying-in of the young shoots of these plans sav require it young gromths will now become much stiffer, hence a greater amount of caution in tying them will be necesgary. Do not erowd specimen plants too closely at the roots, otherwise a great portion of the lower leaves will fall off; which not only makes the plants look unsightly, but greatly idjures the flowers themselves, Expose such free winter-flowering plants as
Cibonia florbunda fully to the sun, and give them all the air possible, now that they have made thieir summer's growth. With the wood thus well ripened they will any aftar this dste. The brightand beautiful Guernsey as also wili some few plants at least of Tallota purpurea; will be lound very useful for decorative purposes at a slight root watering io as to somewhat moisten the balis, iu Which condition the flowers will last mueh
longer. Water should now be partially withheld
from such platte of Gloriosa as have finished growing
and have ceased to flower, with a view to ripening
their tubers.

Late Fineries, in which Grapes are finally ripenidg external atmosphere is deyer than that within the house. A sthl! further reduction of teraperature woll Pe advisable in connection with young successional heat enough for them. Continue occasionally to syringe those plants which are swelling fruits in a
primary stage with tepid water some $8^{2}$ ar $10^{\circ}$ warmen primary stage with tepid Fater some $8^{2}$ or $10^{\circ}$ warmer
ihan the temperature of the house itself. Also afford a han the temperature of the house itself. Also afford be moderate at this season, should be judged by the state of the weather without. A mern tempeby night at thus season, the advanco by day should be influenced by the warmath of the sum. During moderately warm dars it will be possible to admut just a little arr, without raterially lowerng the house, so as not to create a draught, which would be the case if the back ventilation were orened. By so doing
the humady in the atmosphere and the temperature
the inmates. Those who depend upon frames or pits supply of Cucumbers, as long as possible into the autumin and early winter montlis, should now atten! strictly to me linings, which will require thoroughay reted by givng the soil within the frames a nice surfacing over with fteme, and, if needful, give the insides of the frames ing to aleanse them of any filth which may have col ng, to cleanse them of any filth which may have col
leoted. This will tend to afford the plants more light Which is very essential now that the days decrease so materially. Do pot aford air so abundantly; close the lights early in the forenoon, and do not sprikie the are collected for Mushroon growing should be placed
in a dry open shed, and be made moderately dry by in a dry open shed, and be made moderately alry
means of fermentation. The beds, which are alread made, should be well beaten down, and spawned as
soon as a moderate temperature, averaging not more then $75^{\circ}$ as be assured Without any danaer
irom flutuations which are likely to raise it above this, Do not be in too great a hurry to soil the beds
over, for if they then fuctuate anlaronistically to the
well-being of the spawn, there will be less chance for the excessive heat to be given off.

## HARDY FLOWER GARDEN

The seeds of Ten-week Stocks, which I recommended to be sown some time since, will now be suficiently above-ground to be potted off; they might be placed four or five in large 60 -stzed pots, or pricked off into
pans or boxes, as may be convenient. Except during pans or boxes, as may be convenient. Except when little shading will be necessary, they are best fully exposed to the outer air and full sun, where they will be imbued with greater bardihood preparatory to withbefore urged shonid be placed under cover of some sort but even in rainy weather all the air possible sloould be afforded them. Pot of late struck fayers or cuttings root, ready for storing away for winter. Sow seeds of Lobelia speciosc, in pans or boxes, to produce young Lobelia speciosc, in pans or boxes, th produce young
seedling plants, whioh, being kept through the winter, will afford a better supply of cuttings in the spring than any autumn-struck cuttings are capable of pro-
ducing. The seeds germinate best when placed out-of-doors beside a north wall, or other similar shady aspect. Sow seeds also of Intermeriate Stocks they will then come into flower succeeding those already alluded to.

## bardy fruit garden

Sirawberry Plantations will stall need to be gone over occasionally, with a view of ramoving all runners which oontimue to form periodichlly. This will be found Strawberries a good mulching over with well-decomposed manure. Remove all runners which have become established in pots from off the beds, and in the pots they are now in, let them, where conventent the pe placel forthwith into the raw, better to protect tho roots during sharp weather.

## kitchen garden

In hopes that the beautiful showers of rain we bave oxpertenced here (in Herts) may bave reached far and oear, I advise all to proceed with the necessary transplanting intended to stand the winter. Finally, draw the earth to all plantations of Broccoli and Finter Greens where not previously done. Collards for early Finter use would be benefitted by a like operation Take up and house the main crop of Potatos where they have become sufliciently ripe for the purnose, chonsing a dry, windy day for the process. Globe Arfi-
chokes should have all old fower-staiks, sc. removed. Where this has not been done, all old stalks should now be cutamay at the ground lone. This will induce the somewhat exhausted stools or roots to form young growths, which, being perfected before the colds of nfluence, in fact, entirely dormant stools will not exist through the winter, but will certandy rot away.

## TOWN GARDENING.

THE Shrubby Calceolaria is one of the best bedding plants for towns. It can be easily kept through the
wister, and should therefore be propagated at once by means of outtings. These should be selected from the neaithiest plants ; only those shoots that now appear
without showing flower-buds should be taken. In preparing the cuttings they should be cut off cleen at thus made they should be dibbled about 1 in is apar of sandy loum and one of rotten dung of fiere thats may remain unth sprines. They should receive a much aic as possible monsistently with due avoidance
of the ill plfects of frosts, and have as lutle wate afforded them as is consistent with their requirements The varieties that have done best with me this summer are Aurea jortbunda, Prince of Orange, and Compac they may abseuce of substantial garden frame in depth and 1 foot in width, filled and planted in a similar manner to the above, as these cand the weather. lisy these means nice hittlo bushy plants Wrah of most persons who have not a greenhouse or frame, to preserve through the winter those plants this various have grown durine the summer. To abtain un by the beels in a are adopted, such as hanging them

I have tried , but the one I have found to sucoesd beet in keoping Fuotsias and Pelargoniums is to take them up at once out of the borders, and lay them in by the Noyember to gradually dry off Then leave them unt oll all the young shoots and lenves and biry the $L$. large wooden chest, in fine ashes that have nover beor wetted. By these means I find that they retain thess vitality manoh longer, and breals into grombt quicker When taken out in spring. Jo



Notices to Correspondents.
Books: Novice. Thompson's "Gardeners' Assistan
 Abie to piant creepert, and train them bemanth the nof If is also generally preferablo to havo a central bed planted on

books to consult.
Comrant Touato : $A$, There are no grounds for supposin
Ehat tho nev Tomato, Grosellle in Grappo (Sulanum ruee






## IdWLS' WHEAI MANURE, fur AUIUMN 
















##  <br> <br> J <br> <br> J -



Suttons' Permanezt Grass Seeds for Ahl Sollo.






 Intending Exherntora, Docember $\mathbf{b}$, and Four following Ditys. CATTLE - Form A. For an © © or sTFER (it any Clasil


## (MITHFIFIA C'LJH IMILEMENJ SHvW

 TLe LAST DAY For Hacirlig APPLICATIUNSEMBER 日 to 10 .

## The agricultural gazette $^{2}$

SATURDAY, SETTEMBER 18, 1869.

\(\left\{\begin{array}{l}Bueks ARricultural, ne Allesturr<br>Cambr,\end{array}\right.\)<br>

Animals during transit by sea and land are of necessity subjected to much suffering. How far the hardshipe which they endure are preventiblo is the question which the "Anmals" Transit C'ommittee " wall shortly have to consider, and, if possible, determine. Public attention has been suidenly aroused by a letter from "T. II.," published in the Timfs, recounting the sufferngs of sbeep and pigs in the royage from Rottordam to London, and the additional unnecessary pains Which were influcted during the process of landing thom at Blackwall. We can understand that the writer, witnessing for the first time tho scene which he describes, would feel too indignant at the ill-treatment which the unfortunato dumb creatures were compelled to nadergo to examine all the circumatances very clusely: if he had done so, it might have occurred to him that most of the cruelties of wheh he justly complames it is quite within the scope of existing laws to punish, although beyond the power of any Government to avert. Over-crowding and privation from food and water can be romedied; but, short of teaching uneducated men compassion, what can prevent the "ferocious brutality" to which he refers?

All that legislation, can do has boen dore niready, and "T. II."" or any other passeurer, if ho had been so minded, might have set tho law in action with good effect against the young sailor and his companions in cruelty. But after all, what arail single efforts directed against the offshoots of a bad system? There is no lack of cases of mdividual savageness in the treatment of animals, and any benevolent individual might spend his whole life in offermg up
daily pretims to the provisions of "Martin's

Aot." Wo would andertake that he should never want offenders at all hours of the day--in the open streets, on the wharrea, and in the London market to say nothing of the secret horrors Which are, with some scuse of fitness, enacted in darkness.

If any good might bo gained by making the hatr of the people stand on end, we could outvio the Ghost in "Mamlet" With an unfolded tale of animal sufferings; it is enough, however, to assert in plain phrase that from the time the beast leares the pasture or the stall on his road to the shambles, he is called upon to suffer searcely remittent pain from the cruelty, or the indifference bardly less culpable, of his human persocutors. Whom it is his sad fate to requite by furnishing them with their daily food.

Under the clauses 64 and 75 of the Contagious Diseases (Animals) Act, the Privy Council has power to deal with the subject; and it is satisfactory to observe in the circular, which has been forwarded to us by Mr. TenNavt, the secrotary to the committee, that it is proposed to consider-how 4 sufficient surply of food and water may bo provided for all animala brought by sea to British ports, and for all animals animals may be protected from unnecessary suffering, whether in cousequence of overcrowding, or from other causes, during their sea-pas*age from ports abroad to ports in Great Britain, from ports in the United Kingdom to ports in Great Britain : also during them landing, and throtighout their inland transit.
The committee, consisting of the Clerk of the Council, the Deputy Chairman of the Board of Customs, the l'ermanent Secretary of the lhoard of Trade, and the Necretary of the Veterinary Department (with Mr. Tennant as Secretary), invite the aid of all persons who have special knowledge of the subject ; and there is no doubt that a mass of evidence will be obtained, which will be of the greatest assistance to the committee in framing the report, which is promised on or before the 1st November next.
We have no desire to anticipate the conclusions at which the committeo may arrive from the evidence submitted to them, but we may be permitted to suageat that ro half measures will effect what is desired; to carry out the propositions which are implied in tho uluestions referred arrangemente for see transit and considerable modifications in these for conveyance by railway.
Proper accommodation for animals on board ship and in railway tracke, is the first point to be settled; when animals are huddled together in a heap, or tred close to the vessel's side, feeding and watering are impossibilities. There is no very great difficulty in the way of penning sheep, and tying cattlein a truck, or on board a boat, so as to allow them free use of their heads; but the expense will be no trifling matter, because the adoption of such a system means neither more nor less than providing a stall for every two oxer and a pen for overy dozen sheep, with appliances for the reception of food and water. This, we apprehend, is an outline of the plan which will have to be carried into effect. The details are of minor consequence. How and When food and water are to be gren, are questhons which may bo definitely answered after a fow experiments; but we contend that all such experiments are out of place untll means haye been devised for placing animal in a position in which they shall bo onabled to koep their feet and breatho froely, and shall nether be stereed in their own steam nor alternately scorched in the sun's ray"s and drenches with the wares. Having irovided for tho emfortablo location of anmals during transit, the easiest method of supplying food and water need not require much consideration. In cattie ships, troughs and portable racks of net or wood might readily bearranged round the pens, and at a convenient part of the stalls; in reference to railway trucks the plan of hanging on troughs when the train is stationary at a siding seems to be more convenient than the employment of troughs attached to the trucks food on railway journeys is of less consequence than water, but there would be no difficulty in supplying hay to those animals which might require it at the same time.
Infliction of unnecessary pain, in wutonneas or ignorance, cannot, We repeat, be prosided against by Priry Council Orilers, and if their lordships succeed in providing comfortable quartera for animals in transit by sea and land,
we must be content to leave the rest to the advance of that liberal education which we are told "softens manners and suffers them not to be fierce.'
Tire great adrantage arising froun Remping Corn by Michinery appears now to bo universally almitted. The rather light ernp of
straw of the present year has been farourablo to straw of the present yoar has been farourablo to cutting by applicd horse-power, and the practico
has been aeanly universal, In every field, on large farms and on small, where harvest "was progrossing, the faniliar "rattle and rung" of
the back or sido-delivery machines has been heard. "Where on earth lave all the machinos come from?" is a question that at once springa to tbe lips.
We are old enough to heve seen many changes. We have lived through the several ages of the sickle, the seythe, and the reaper. Our earlient memories aro associnted with talrs of
sheaung contust -storics of "land aud luand" struggles between man and mau, wheu master and damo, man and maid, son and daughter, went out cheerily every, morning to face the "stubborn glebe;" yet with every
exertion it took a month to get at the "mell sheaf"- to cat the last white corn. Then came the scythe, with which the ton-mon dill their 2 acres each per day; and by its aid we were onabled to finish cutting in three weeks in favourable sensols. And to "disostabligh" this
implement has taken years of labour and mountains of capital, which have been rn anired to proituce the modern reape1-light, durable, and effective. It has been done, however ; and there is scarcely a farm in the best farme
districts of Fingland and Scotland without reaper, althongli ton years ago our own simplo and effirier.t c'nthbert was tho first to invade the torritory in whuch our orrn farming interosts loo.
Although, however, practico has acceptod and fully endored the doctrine of the supremacy of reaping by machinery, and the question may be fairly said to be removed from tho dobatable ground of experiment into that of genoral experience, stall we find it very difficult to get at correct figures as to the actual cost of the operation, much less at the comparative cost of difforent modes
The farmer knows that the reaper secures to him many afvantages de-patch in then (peram tanl unid the hat, lesi watto on the groudd, leess rakings, a sheof straight on the struw, but capable of drying sooner than if strewn, and not so liable to sprout iu the tail in wet weather as mown corn; and he has also no doubt-he is, in
fact, pretty; well certan- that it how much ho can't exactly tell.
This statement of cost dopends so much upon circumstances, excoptional and pectrliar to localities and individuals, that he will seldom try to disentangle the account, and ascertain the real cost of his harvest operations by machiners.
As Miss Martineid's model farmer's wifemanager irreproachable, and pattern in most things as she was-could never be coaxed into giving her town catechist a precise statemont ns to the moluns oprerandi of butter making, and the reason why," because, said she, "it depends" dependa ervily upon the 101 incidental circumstances and coutingencies which affocted the
result, and which sie knew must be met and dealt result, and which she knew must be met and dealt
with by the hand of experience as they arose so, in the case of reaping, weather may be oncertain, and time thus lost; the hauds may on some days be partially employed at other work
there may be pervant boys, servant men, servan there may be Berrant boys, servant men, Bervan
maids belongiug to the house, who are fed there and have min barrent miges: there may be aloo work done by me nilens of the family; there may be ment hired anto the house anid men hined out of the humee, and some with ration and some without ; there are also in some instances bread and checse and beer aillowed, and in others none, and in some beer without bread: so that the question of actual cost bncomes, in most instances, one of calculation rather than of fact: and, therefore, the practical farmer seldom ventures, either in print or conversation, to state the positive cost of reaping by machinery.
Now, it fortunately happens that none of these exceptional circumstances wccur in our experience this year. Our whole harvest has bern cut by the reaper, and every man, woman, and child has been paid money wages weekly. There have been no men hired with rations, and no
been given but one pint of beer, and beer orily, to each person twice a-day. We are, therefore,
in a position to answer the question, What is the actual cost of reaping by machinery? precisely and positively; and that, not for
one field, or plot of work, but for the whole crops of an extonsive farm, the reaping of whech wr carried on consecutively through tho wholo period of harvest. This statemont of cost and weok ; and we shall be very glad if any of our numorous readers will be good enough to furnish $u s$ with their practical experience also. What We Want are "facts" illustrativo of the
subject, and not opinions. Opinion, as we have shown, has piven its verdict; and by facts and figures we hope to be able to show that the opinion is comrect, and to what extent in tho
f. $^{\prime} s . d$. point of view it is so. Our correspondents, therefore, will pleaso to state precisuly all the following particulars:- 1 , The kitd of reapor used ; 2, Number of days at work ; 3, Acrenge of crops cut, and what sort; 4, Character of crops whether light, average, or heavy; 5, Numbar of men, women, and children employed; 6, Rates per day, and wagos paid to each; 7, Total amount paid in wages; 8 , Amount paid for ulo, repairs,
and other incidontal mattels; 0 , Total amount paid for reaping, tyarg, stooking, and raking the gross acreage; 10, The average cost per acte of the same.
The correspondence which has taken place on this subluet between Mr. Mrcrim and a "I Durtnan Farmer" points clearly to the nocessity which existing for ventilating this subject. A fricud of Mr. Mecri, writing from Yorkshire, states that
ho has cut, tied, and sto sked, and stubble raked, 10 acics of white Whant, about ist bushels per
ance, for 51 s . The "Durham Farmer" saws that it has cost him 107. 4. , to cut, tip, atrid stook, and stabble rako 12 acres of Wheat abont 40 bushels per acre; and Mr. Mreitr, in
1 poinder, fixes the cost of reaping the arroage of 1Alonder, fixes the cost of reaping the ary
Wheat upon his fas mat G\%. gil. per acro:
That three practical men should gravely stato the cost of a simple operation in the art which they profess to practise, at 4s. 4ll., 15s., and 6s. , ad. per acre respectively, seems extraordinary.
To exidopt these figures as facts, to say that the varying surrounding circumstances produced the
difference in result, would be to accent a glaring jaratos
 of leaping, menennt in the operation, and not by the money paid by contract, which may vary greatly, is pretty nearly aliko in all district. It may, owing to the co-oxintent influencing circumstances, as we have already shown, le difficult in many instances to arrive at the actually in some cases, and approximately in others.
Anyhow, though we do not hope to bo ablo to reconcile the anomalons results alleged above, we truat to be able to stato such facts regarding the uitual cost of rectining by machinery that it shall no longer bo laft in doubt.

The Corn trade throughout the country has been in a state of inactivity during the week, at no appreciable alteration in provious prices. -Over choice qualities. and all orter kinds, except for very tho supplies at the meat market, participatel in the reduction. A slight recovery took pace on Thursday.

Mr. W. Bripora ADaus has publisfied a supgestive and instructive letter on cattle sest transit. His remedy for all this evils connecked with it, which are
not absolutely whlful, is to get rid of emetiokneen; and
in the following is his plan:








## hr a w b b <br>  <br> co train kiv tit <br> <br> $\stackrel{2}{2 n y}$ <br> <br> $\stackrel{2}{2 n y}$ <br> $\qquad$




 wublic Cuestion to animals is just now a prominet Well ventilated in the newspapers, arad many aut westions have been made both in regard to preventio

be turnel ter s. mann, utuch. has eusaded, nor hy brarted lady lias added ariothar to the noble eflort Whach Ehe has mado to do good both to manke and the dumb creatures whely are fis servant Mhas Coutct inclases to the adrantages of eath training 2 at the rahth way, and she accordiugly mile to the Times as fulans :- "The thideous revolitionad your corresjonfenita as the exterit and deptla of de pravity practised in the forema cattle trade requil something more than superficial remedes. I therefon feal it a duty to entreat public attention to a cjstematy training among all classes both in principles of humank owneds animala, and in a knowledige of the propa reatmont of creatures that we are del, Drient upom then dincusses the imphrtanea and nterest it is th treat the gifts of the Crator with a merr consideration for theur feeling
the following sugkestions, is heming tho more hkef to lead to a reniedy for the evils 1 nu so common Surh considerations sumpest whether a gystemat
tearhing of the absolute duty ur man towaris the lomer nimals should not citer isto the noratical aineation
 country, earncatly jrressol ujoul oclety somewhat similar to ore eatahlished m Ham
 Food an object through the orily i uble chanamed It eotio

 l'rasident of the' Corimatteo of Coun
 de ninte manner atal Tulue to man. I cinnot conclade this, I fear, feebols expressing my surprise that the Sucicy for the Pro vembion of Crueliy to Aummals does not prosecute forenth cattle prescnt on fanding. I'hese matit law, and those who matereat them fully and ande wo hepentitieq
we aré uleasd al
 ecretary to the above-mentioned Socinty, the resulta which is, the proper mode of showngy fowls in basta
has been adopted. This is so far satisfaotory, and we brinulug fowls from Ireland and Holland will be dealt bringing fowls from as its cruelty deserves and the law already mith 2.3
diretes

## OUR LIVE STOCK.

Mr. Strafrord announces that the Farnley Hall sale is postponed from October 11 until next spring.
Ltzzu A few well-bred Shorthorns, of the Craggs gnd Thumton o
ham, Kent

- Our readers w.ll searcely need reminding that the Farnhwrough sale takes place on Tuesday, when Mr. Stralur! Mhil givose of a arko and excellent OMphls atid of wor noted sires. The name of the Res. of the stoek Furnburoush is six miles from Banbury and two miles from Feuny Compton stations.
- Tast week we gave a brief notice of the Kenvil wonk and trandoge first nn the hist, whe purchased hy Mr.




 eatalozue. Fan-finn (lot i) He mentinned last week as
a danzhter of Futh, sold at Mr Sandaj's sale in 1941 for 23: g-, a yrarlme hull frimutho row, and by Baron Bootil, wil be olli.red tor sile. Anne of Laneaster, a
nember of the well-hninm Isenton tribe is the mother


 fromt, attytart atuk. Ito lieavil lerd wall be sold
next Iteday. sale for October 1 . Thas advertised an interesting 30 head of Shorthorus, the properts of $E$. $J$. Scholnck,
Fsq. Rev. I. Benson's Winifred tribe and the Ulverstone

 late Mr. Benjamin Wilson'a stock at lurawith. The catalogue inoludes a list of 20 cows and heifers and
four bull, all of which will be brought to the hammer four bulls, all of which will be brought to the hammer
by Mr Mretherell at 1 oclork on the day epeeified.
Ater a fesw prefatory remarks upon the bigZ claracter
 comes of a tribe lopo bred at Brawith, Sne fi the
 bred by Larl Cathrart, and is the mother of three
helfers Bloomany Rose aud IH hute Rose, both by
Glactch, come of stuck bred by Sir S. Crompton, Glaticon, come of stick bred by Sir S. Crompton,
Wool kin, sud have added several females to tho
herd. herd. lastly, we find several representatives of
Mr. Wison's Certanity family, deqcended from a cow
by Mr Crofton's SIM tFALIt

 These animals are resteclively by Ravishiole, Tho atalogue of the Shouldham Thorp herd is befure us. Mir. Gauble has bred his stock carefu.ly fer
many sears, and bas adhered to three or four excelle.


 or gramdmother of secue temases whes names. dypear
or the listi. Next we have a famous old ribe,
in
 by ORONTES tribe, are also present, boasting a


 SLouldiant Thutp. Fianguaheb is ful, brother to
the last named heifer, and is hum atout beven mouths old.

Wo notice, as an addenda to the weekly hrotir-
 Nibsw, in whel, a fasourabse report ${ }^{25}$ given on the
Adfortou herd. Why Shorthorns should eligoy such a monopoly of ationtion has aukays appeared strange to Herefurd ruen are showng symplums of greater activity in this particular. It appears that the Eari of
Southesk is estalishiug a hird of the "white faces"
at Kinnaird Castle, and among tho anmals there
assembled will be found Mr. Judroos Diadem, the lot prizo beifer among tho o-sear-olds at Manchester

- An exceedingly well gut up catalugue has rerently heen soued by Mr Thornton, 10 whin the hatory
and I el.areps of Mr Contirane's unrivalled sturs at Comptol, Moutrcal, Canala, are very conchsely gateu
When we remember the Etuklish origu of the sta and are unformenl that the 22 shorthorns have cout
 orcited imsige the lovers of betit Wates and buy eloportation of the varmus ammay now collected at Hillhurst, Conpton, and more than our allotted space
would be occupied in atcemptink to aivo balf the nould be occupied in atcemptink to give hald the interentug soformatiun coutained in the sup page or cure
publication before us. Our readers should atonce procure for thenselves the entire account of 3ir. Cocarane famous herd, by obtaning as copy of this most excellent Shorthorn catalogue. The cattle were seleoted from
Aylesby Maruor, Wetherby Granke, Waitun-on-theHiil. Braithemaite Mall, Branches Park, Keavil, Beeston. West Deerham, Butley Abbey, Mr. Barnes herd at Westland, and Mr. Cbalomer arra at king Fort, Ireland, and aro all singularly well bred and perfect in form. Mir ('ichrane has patromesed both


 ing us of the general features of the locainty, the esta-
blished breeds of cattle in the surrounding district, and some ponuts regarding Mr. Cochrane's career as an agriculturist, whach, we are sure, would have been most bimself by sending out, without introduction, has raluable contrabuzion to slaorthorn interature, trusting to it to win its way by its intrinate merit.

RECENT RAM SALES AND LETTINGS.
Lincolnshires. - Meswrs. Salter's annual sale and on Thurday, at Atteboroukh Hatl Farm, Norfork. The great mprovennent whell had taken flace in the flock, and more pariculariy in tha lambe, wis a mather of general remark, and was aluded to 1 nosnted terms made from til. 1 us. to $35 l$. Which sum was given for lut 18 by H. Webb, Esq, Cambrudkeshire. The averayo pruce was $1 /$. Sh. The lamber realised $5 l$. 10 s., the buchent price given boing list. -The Peterborouga New Ram Fair for the sale ot hincolushret sheep hook place on 7. f, or upsaris of 210 lems thall lasl sear, and but fess Hore thatn half the suppls two or turee beare ach
The result was, all the stacep were all whem The result was, all ile shet phere ni, Wbleth hat put
 bougut a compact good sheep at $22 l$. Mr. Wincup, one
at 211 .. Mr ljeacroft, one at $16 /$; and Mr. Leeds, two Mr. Johss Litory ( asswell, of Laughinn, sent 5it, as usual. Hts sheep, huwever, were not equal to the which we have presiously seen the loungaton sheep This arose principally from the fart of Mr. Casswel, ${ }^{3}$ from the long drought and succession of heavy ratns whech have occurred pertodically during the last 1s months. The line quality sud form of the laughton wheep were, however, conspicuous, but thrs the puans panad w.th upstandjog appearanice aud well-grown greasy flepces. Last y ear Mr. Cassmell's average fur the same number was $1 ; /$. 12s, tixl.; the loss wheh the late extraordinary seasons have caused will therefore ear was only 11l. 10s. Une was let for 21l. to Mr. March, another for 192. to Mr. Burdett: Mr. W. Wright
bought oue for 217 , Jus, Mr T. Wrwht and Mr. Wyman - Be each for $1 \mathrm{j} /$ Its, Mr Misman one for $1 i /$, Mr

 The past shashs, and hat ucep din not come the thelr
u*ual saze and commandug appearance. Last jear the Putnton thock averaged upwards of is only $13 l$. $8 s$. There were the usua the average 13 only 13, . S. . There were one at 22 gs. i Mr. Rooke, of Wilbourne, one at 31 ge, Mr. Everington, of East Dereham, one at $1^{-1}$, \&y 3 - orfork, one at 20 gs , and Mr. C . Clarke, of Ashby, had 10 rama, one of wheh Mr. Grifin bought at 2at Mr. Jrudicid Mre at and one at 1 ith., and Mr Fergett one at 13l-Mr. S. E Dean, of Dowsby, here mad his first ajpearance in pubse, the number he broukh
beng 33 . Uue of these was let for 107 Ihe remaiuder were sidd at prices ranging between sheep, and 7 l . 15 s, , the average being the respeotable one for an beckning of about 9 gs. The remaining the upset price, to $9 l$. each, for common store purpose

TIIE AGRICLLTURAL LABUURER. The following is an abatrict in Mr Botles's paper, rear before Me said. Whether we take the statist, cs of M1 Bailey Dentou, Mr. Corrance, of Cathon Girdlestone, the con-
clusion forces itself upon us that the statue of the aprirultural labourer needs and calls for amendment. Mr. Briney then procerded to sive, from persanal oherraspicaking of elucation, he said that where so many
 of guardiansmp. Ie was continually remunded of the necessity of compulsory education. In the matter of clucation, Scotland was better off than England; and while only one-thard in the English army could read
and write $(9)$ in Prussia could do so, 1 th in 200 in Saxony, and all in switzerland. The thre lays per weoh ssstorn appeared to him, iny rest, ,heh he had witneesed in the North Sur rrey and uluer inductrial schools, to possess consid rable mert America, Switadvantakes of the compulsory system, and that mithout those drawbacks whech opponents urge against it. He thought it would not be going a step too far were the Lesislature to compel landed proprintors in rural thatr. in to bulis or pronde the re gustite number of
 prietors was, it they hal mot the means to lmuld, to rasse the money in the same way ac, under Act huidinza. Commg to the earmings of labourrss. Yf Botlet sal, , "The average of day tabourers throughout Lagland is satd to be lis. Wd. per week. To this mukt
be added, in the case of carters and shepherds the cottage and garden free ; but piepe-work, such as Wheat hneing, Grass mowing, sleep shearing, te, tahing the nean at loss., sad add 20 per cent. as the earomgs of his wifo and chulureu, the groas will be lis per week for a man, wife, and three rlyhdren, to pay rent, buy suel, ford, and mothing. what daty expenses ste, may well wou fer hom, with
 the most adsanced aspiniturists when ririmemble, stimulath, tue men to exerthon, and infurins a bettor
class of labour : tho mund munt he hrought to hear class of labour: the miteml must he hrought to hear Efion the whirk-the whel tend thereto it it is what at dus triably had hau be-1adusirial. Speaking of empatron, he sald had lise present liberal ss-temi in crants of land been adopted years ago, tens of thou-ands whe emprated inategil. and would thus lave enreched the territory unfer the Britidh cronn sote hundrade er minions. 4. lered it a reat boon to many who might sutfer
hare belore rended rempther were eonsmed of
 and improwng theur leads by the well-directed appli-
action of labour.
Provident socisties and aotecole Provident societies nd aotitage earien exhibitiona
were edvocated by Mr. Botlee. With regard to oo-
operative socleties, he thought, if the agricultural
labourer could be educated up to provident habits and economs, there would be no lack of respectabie tradesfor his mones. Coming to the second part of his subject, dranape, Teclamation of waste lands, bonber out the adventave of draware hath on actount of its sanitars henefit and mereased production should stipulate as to the game, hedyerows ese, also as to the lease. As regards the game laus, he saidagricultural labourer, that they are all but universelly cosidemned, to say nutang of the thousama filleth not his hand, ne ther he that bindeth up his sheaves his beson.." He had seen a $u t-$-acre field of Wheat so eateu up and prisoned by rabbits and hares, that the yield was scarcelys buchels per aere, when, from the excellent cultuvation, it oukht to have sielued to. What farmer could stand against stuli resuits as these? he amhed. With respect to leases, he had never jet heard or read any arpument to alter or qually hys propretors who objected to let on, lease to do what


 ment of landed preferty. Mr. Buthes thus summarised his ideas of moproviog the condition of the agricultural
labourer.-1st. By an mastrial education producing labourer. - lst. By an industriai education produciag By every estate hating a sufficient number of sub-
shantial cottages thereon, with land adjoinug, to grow
 a conpen aho All wet str.ag land to be thoronghly drained. fth. The immoderate preservation of wame 6 ths Tenants to be selected, not on account of therr poritics, but as mate where possible, instead of tay-work the utmost enuloyment given by the firmer, who
hows that Judicuis outhy in tat he Grnsin s cure return, realning the dowired uhtmatum a lar day's pay for a good day"s work


| Professor Levi. <br> Profebsor Thonold Rogers said that to doubt that the wagas of the agricultaral labourer had fallen within the last 20 or 30 yeare would be to fy in the face of facts. In considering this question of wages it was important to take noto accuant the power possesse i hy tha agricultural labourer of purchaning the scondary 1 necessuries of lifa-such as butter, bacon, nad cheese, Thfs power had, he held, considembly dinutul oi |
| :---: |
|  |  | aithoush it obviously refers to the praotice of purposely

killing, to prevent seed of apother kind brairding such killing, to prevent seed of another kine charlock seed for nixing with Turnip sed. All the 13 tisarda and Trefoul seerls are liahle to be thus afulpractice of purposely kuling th carried has for a long trme imperatively demanded the interference of the Iegislature. But farmers are familiar with other artiare partially or wholly destroyed than those used in this modern practice, such as heating in the stacty or granary, kilu-drying, destruction by minute and obscure anmalsand vegetables; and surh seeds may bo and then be muxed with sound seed, so as to give rise I julteration of Seeds Act; the soeds so killed, scoured. and dyeif bemg of the same kind, and not'" seed of another kind" as desiznated by the second elauso. another kind as designated by that the clause enacts to sell artificially kulled or dyed seejs is a puashable offence, subject to apprehensve, will mako the matter rathicr worso than appretiensve, wil miko the mater rather worse dan killing and dying seens should have bainple quoted for des, gnated by the sta
The above remarks apply chiefly to small seeds, such as Clover and Turnip; when fact that the larger seeds, as Wheat, Barley, and Oats, are killed, dyed, and doctored, in various ways, not onlyoy corn merchants, but by farmers thensend ohimney drying, soouring, sulphur smoking sud ohimney it is only when these processes are carrued to too great lenglh that harm is done. On the contrary, when kept within proper bounds they often do good; hence the practice is advocated by many. Some kiln-dry only, others scour, \& third sulphur-smokes and kilndries at one operation; while a fourth smokes in the kitchen chamney,
But thes is not all that requires to be said under doctoring. The vitality of both the larger and smaller seather at the time of flowermaz; or rather, seeds may never have possessed germinating powers, or vitnlity mny be so weak as easily to be destroyed in the stack, granary, or by the artifictal modes of drying now coming into use; or the seed puay into granary too damp, or even into a damp granary or store, and when heating sets in, or moulding, it may then be put through a drying or scouring machine and brightened in the colour by sulphuring, or by some other means, not objectionable, and yet discovered, and sold and bought, not for sead or maltings, but for grinding, and yet ultimately fall into the hands of some farmer or seed-merchant who will have seed for little money; or not intentionally to defrand, and so on. In this way adulteration may be carried on to a very large extent wit will be found equally dificult to reconcile with the requirements of farm practice as at present the seventh clause, relative to the limited tume allowed
for sumarary procedings. The clazse runs thus:"Every complaint under this Aet, against any person in respect of sefling, or causing to be sold, any killed on dyed seeds, shall be oommenced withun 21 days from the time of the commisston of the offence complained of," That something of this sort is needed for the protection of trade may be taken for granted, both as ragards the seller and buyer-but selling, or'causing to be sold, is one thing, and the delivery and receipt of the seed sold and purchased another, and a very different thing, good We are somewhat apprehensive, the statute does not make suitable provisiou for the differente Those farmers. for example, who are in the habit of buying when theyare delivereal and fore there are more than el days between sale and delivery, how is the farmer to know in time to lodge his complaint in court for redress? in perhaps worsie than that of the farmer Many wholesale seedsmen clear off remanders annually at any prise they will bring, in preference to mixing are purchased by retailers. A portion may be sold that season, but the bulk yoes on to the next for
mixing or adulteration. It is sometimes smoked and dyed, not by sulphur, but in the kitchen chımney, rom whence it comea out brighter and of a richer
colour than the new goed wath which it is mixed
Hence ingtand of Hence, instoad of stacking the new Turnip seed in
August, it is threshed out, mixed with the remainders of the last cron, or two or three errops, at the case may he, and the whole storek wel. smok cid and dyed, in small
 as well as dyed, and therefore this oll pradtce,
which has been foltowed by farmers aud small traders from time immemorial, hay become a modern offence punishable with $5 l$ or sol., as the case may be. Must sible?" True, the sed thus killed and dyed has not the appearance of that of abother kiad, as meant by tho second clause of the statute, but it nevertheless is the seed of one season sold for that of another, and obviously fails under the third clatse Ifence a difliculty may arise, more especialiy should it turn out that the retall trader has umntentionally purchased killed and dyed seed of another kind. We repeat, to meet such practical complications in the seed trade the second and third clauses ought to have been much There i asy wordec
than any of the above, that requires notice, viz, the
sale and delivery of seed full of the seeds of weeds, much so, that numerically the latter sreatly prodo pitue minate, It follows that good seed is sold and pur-
chased, but weeds are delivered and sown-alas for the chased, but weeds are delivered and sown-alas for the they kill the crup with whinh they grow. Cases of thus
kind, we presume, fall under the pinth chane kind, we prasume, fall under the anth clause-the
law of the past. There are, however, exceptions to the general rule, for many samples of this k .nd are sulphur smoked and artificaally dyed, sa, so as to bring them
within the second and third clauses, and the summaty within the second and third clause, and the summary Aroceediags under the fourth and other clauses of the litigation to which such cases may give rise is ancal
The conclusion of the whole ruatter is manifest this. The above Act to prevent the adulteration on and therefors we accept it thankfuly. Good seed no secondary question in successful larm practice, and own st adice we cand well preaders is to mrow thetr quality-and whetherwise situated to the proper purchaises subject to common sense and th scope, 14 preference to Statute Law- Tia
of Soeds Aot, 1809, not excepted $W$.

## RECENT FOOD ANALYSES.

IT has been suggested to us that it would be of coniderable service to publish the reanits continuously boing mado by our analytical chomist, Dr. Beajama
$H$. laul, of 1 , Victoria Street, Westumster. The analyses, being made for our awn wullance in coor tracting and purchasidg on belaulf of our memben re very carefully and scrupulously performen, Hom far the information they contain is likely to be of public utulity, you will bo ablo to judge by thil No. 1 samal
No. 1 sample (sent to you herewitit) is an artide known as decorticated ground-nut cate. It 18 Lrodon
made, and the entire produation ta at present taken by mado, and the entire production 14 at present taken b
oil crushers for "mixing" (ie. aduiterating) linseed cakes. The selling prioe is 7l. to $8 l$. per ton, so th farmers by buyine the article and mixing it themetre can evidantly effect a considerable saving over the sold at 11l. 10s, to 19l. per ton.
It will be seen by the analysis that the cake is rem rich in flesh-forming constituents, bo, n; ; one per coal higher in nitrogen than the best pure Linseed, It taining only 30 parts of asli, (mineral matter).
On the otner hand it 18 low in oll (fatty matter) indigestible) fibre. The following is the analysis:


The second sample sent you is a new make of deort icaterd cotton-cake, just now being introduced frou unusually bright yollow colour, and remarkably clens It is selling at 7 s . $6 d$. to 10 s . per ton more than th best makes hituerto known here, and the follonimg analysis would seem to show that the actual ralut 18 even preater than :


Nitrozen por cent.
For purposes of comparison we add Professor Toelcker's analyses for us, last sensors, of the bast also his analysis of the best pure linseed-cake. We understand that the American farmers earerly buy ues dinseed-oake, and that that is the reason thay we receive from the United States so short a supply of the fore the latter.


The third sample sent you is a pure imericsi inseed-cake, imported into Liverpoo in Amorica as a "special mako" seems to be almost the only American coming into the Liverpool market, and none of the sime make comes unto the London market. Exce oil, it is prensed too hard, and therefore demede the very best Linseed, and so carefully sorecned belon

Woody fore and husk


## nineni matter in the cake. The present market nalue in Liverpool is $11 l_{\text {to }}$ to 11 . Du. per tom. I annex

 sna.js18:-Sorien A-No. 8 (Lin Linaced eake


The fourth sample I send you is a London made srable to Smith's Pslm-nut meal in fatty matter ; but the latter can ony be bought in Londom at a oost of i. per falm-nut cale can be sold at from $5 l$. 15s. to $6 l$. var ton here, it ought in all fairness to be allowed to and ite Fray to the apricultural publio instead of the IT our market. The whole production (except some
add lots purchased by ourselves and others in the rade), I believe goes at present for "mixing.
Voolcker's analysia of Smilh's Palm-nut meal.


Should you consider these inquiries of public value will conlunue to send then to you from time to Aricultural and Horticultural Co-operating

## RELATIONS OF LANDLORD AND TENANT (TIPPERARY)

## I Mavr to present a picture of varied outlines, com

 pheated in its lights and shadows, difficult to comprebelieve the condition of the mass of the tenant-farmers corresponds with that of the country sround, whioh, high point, wears, on the whole, a look of prosperity.In this, as in other parts of lreland, the land 25 years ego was engrossed to a great extent by masses of
cottiera, whose intense competition caused rents in mans isue- to be extravagantly high, sud also con s.atrinat
remumerative husbandry.
most part, dizappared,
aecessarily accompanied

## aecessarily and hardshi fuffering and of cruel wrong, the be

in the
the shan fouders were doing as well as the large.
siderng the admirable quality of the land, and its proximity to several excellent markets; and though I intanoea, I am convinced are excoptional, and rents are cenerally paid witifout dufliculty. From \& compa-
nson, moreover, of diferent periods, im astisfied that hison, moreover, ontiferent periods, has been steadily diminishing; and though rents have been gradually rimng, I do not thuk, as a gencral rule, they are as then, to nssert that the oocupiere of the soil around Tupperary are, in a material point of view, by no means
sn unprosperous alass. Yet the resources of the sn unprosperous olass. Yet the resources of the matural ferthits, and not much to the industry of man and its agriculture 18 backward, and, in most cases
what may be called its agrieultural plant and fixed capital are of an inferior description. Nor are the tarmers as a body, contented; they are, many of
them, disatisfied in an vague way; they put forward
several distinct grievances; they are not, as the several distanct grie vances; they
corrapundmy class in England
 owners are, with hardly an except.on, Prollatashe, am
 inentibly
distowners are absthtet, "hou seldorn or never imit the neighbourhood; and though their estates are gecherally well managed - that of Lord Derby agent canh lefer supply the place of the resident pro prietor, and the kindly link that ought to unite the of society suffers in consequesco. By these means a
barrier is raised botween the classes conneoted with the soil, and the natural relations between landlord and
tenent are occasionally marred by hardship and wrong tenint are occasionaly marred by hardships, and thos ohiefly of modern date, all that has been done here fo the improvement of the land, the draining, enclosing and building of farmstesds, has been the work of the occupiers, not of the orbers; and thoush the occupiers
uring themr tenancles, have, of conrse, recelved the wecruing beneht, they, complan that, as a keneral rule, they have obtained no allowance or compensation
They say, moreover, that in some inatances their rents have been actually enhanced in consequence of what they have thus done, and that they are discourazed from 1mproving oy a gene have not been able to find ont well-authentioate cases of such injustice, I have lithe doubt that some might be discovered. Furthermore, leaseholds are exceedingly few; the tenancies are nearly all at will detarminable at a six months notice to quit; and though I can affirm with oonfidence that no general ystem of oppression exists, and what evictions from of tenure, the tenants are ot the meroy of their land lordy : and it is quite certain that some members of this cless, not united by kindly asworations and leennes with that in complete subjection to $1 t$, perasionall ebuse their dominant position. Another circumstance connected with the system of tenure requires partheula an outgoing tenant is accustomed to sell the soodwil of his intareat: very large prices are paid in this way for holdings usually only at will, and though legally purchaser acquires no new right, it is impossible to satialy him that by his outlay he has not beoome virtually a part proprietor. In most instances this tenant-right is treated by the landlords with respect, but in some it has bean disreparded, it has no sanothon whatever from law, and I have heard of cares in which an incoming tenant has been capriciously evicted though he bed paid his rent, and though he had, perhaps, invested $10 l$, au acre as a premium for merel obtaining such possession. the tenant suffers very great hardship. Times.

## 

Staam Cultivation-In the Agricultural Gazetto of December 19, 1888 p, 1326, I made some observations on the above subject, nod concluded as follows:"There is so much that I may be allowed, to call a step in the right direction in a traction-evgine, that the traction-engine be made available for draft purposes Is it possible to hive out waggons or trucks made so as to be drawa by the traction-cogine, now pioking up
 this subject, will find communioations regarding steam
cultivation and otherwise, to which a tration-engine
conld be put, at $\mathrm{pp} .343,388,540,566$ (1869); sind the following, which I have taken from the Farmer,
would show that the Messrs. Howard, of Bedford,


Is this the first instance in which a traction-engine has been used for harcesting corn? Are you able to tell We? West Indian. F . "A Parmer " in lust week's Agrionltural Gazette, Which nom de plume Mr. Smith of Woolston moknowledges in the hames of mis 2d inst, has aggin brought forward his charge of misrepresentation againgt Mr. Mecta, in his published sold in the year 1868. Perkaps it is Mr. Smuth' impulaiveness of character that prevents his looking calmuly and correctly at Mr, Mechi's balance-shoats Mr. Mechi gives the averape price of his Wheat for the
year, that 18, from January 1,1863 , to Decenber 31, 1888. Now, is it at sll surprising that the Wheat averaged $63 s$. 9 . ? - when 1 find in the tondon markets
guoted in the Field ol danuary 4, that the bishest price
 arm ont lanuary 1, livin, valued at anal was on the
Hr the balance-sheet sis, hay, corn, \&r, unsish1 Let it appeared in the $A$ gricultural Gazette of Fabruary 20 p. 202; he will observe that the Whasts there spoken of as selling from 48s. to $62 s$, Were Wheats of harvest
1868 , and sold between the close of the harvest and the date of his communication in February, 1869. What evecounted for, in the usual rearly balance-sheet, in
let ua hope, the Agricultwal Gaudse of 1870. Perhape Mr. Smith may have found out his error before he Hnother Natmer
Misrepresentation of Xr. Mechi-Mr. Mechi says fata in the rether odd jumble of metters that conat faots in the rether odd jumble of matters that coasti-
tute his letter." Now, if you will refer to your Paper of Feb. 20, 1869, p. 204, you will find that I supplied to you (under the $\begin{aligned} & \text { biguature of "A Farmer") the dath }\end{aligned}$ taken from his balance-sheet, proving that he drem 150l. 6s . $8 d$, from his tensnte' capital, and that the sum of $201 \mathrm{l}, 16 \mathrm{~s}$. represented the sum st which he entere hss Wheat as sold at, over the imperial averages at the
sameneriod, and that when these twosums werededucted from hus gross profit there only remanned $21 s l .10 \mathrm{~s} 10 \mathrm{~d}$ rom his gross profit there only remamed 2178 , the total of his oncupation, at $84 s$, an eare, by $82 l$. 02 . $2 d$. There fore there cannot be any misceprosentation on my sid Mr. Mechi's 68s. 9d, a querter for Wheat would no have been the road to the big loaf. The genera farmers' 538 sd., sccording to the imperial average from August in Decomber, 1868, is a much nearer approach Bucks. Sept. 13
Redrued Superphosphates.-As one of the pripoipal Bemasts in the case referred to in your leat, Bralburn ". Stevens," and the one commaissioned by and divide atterd solicitor, I trust notu will allow me to append to your able article the following notes -1 st. The distinction ou meation between soluble and precipitated phoo-phates-viz., that the latter 18 nerior to the former by having lost its power of diflusibinty in the soil, but in other respects equally aratable as plant foodwas pointed out by me at the time in my explanation of the pature of the reduced phosplates, and had not been previously dwelt on. 2d. That for more than process in past I have adopted the oralate of ammonia separately stating number arinitated from the ordinary undecomposed phosphate, and have found the process perfectly sattsfactory when employed in the of aner fully explatied by me in the current number St. John's II ood New.
The Farmers' Capital must ever Vary.-I am led to this remark by an unjust charge, that I take irom ought, when roy capital is in exoess, to add the increase to my profis But the foct is that in taking eboak (which is the larmer's capital) it mustibe valued at the (whiou 18 the farmer's capital) it musti be valued at told and this price may vary 100 per cent, or more from the precedicg andual valuation. I remember selling my precediag stan of Wheat after harvest at 44s. par qro, and my last stark , both within the i2 munths) at 10 w is great. So it is, in degree, wath live stook. Lamb and the deficoenay on 10 millions of seras of root aig have heard observing farmers say, Nute the various
prume at what you sell your Weat for seven
jears, and in another coluinn rut 5the annually, and you till find the twals agree. The history of agrioul-
tural produce has bean, or ages, variability, and oo it will continue to the end of time. A farmer is fucky who gnes out of his farm when everthing is dear, and cheap. He must, however, in the intermediate time ness, or invest it in funded or other securities. The amount of tillages is also alfected by the price of Iabour Game Itws in Scotland-Any change in the lsw which should authorise and induce tennmfismen generaly, to become, in their own persoas, killera of rabits, hares, and other Rame, as a neressary occun would lead to 5 pro and pursuits, most disadrantareous to themselves. In he same way, any change in the law which should duty for them, would lead to unpleasant feelings and differences, and misunderstandings with their landexplain ind end. It wos part of the subject espe cially as regards the innumerable evils certain to be by their masters, A landlord would naturally on inevitably dislike to soe men with guns and dogs roamab toined fromeing so; end oyen if doun uct, such persons would inevitably raise a belief the they were doing what they ought not
the evit effects of any of the
were proposed in the last session of Parliament. It concuived that it diferent system and scheme would be much preand grievance to which very mady, but by no means all, tenmot-farmers are now subjeeted, of which they most bound. Let the sweriff in each county in Southand be ordaned by law to selu t witha his county sons, whom he shall denominate game inspectors, on by nome better name. Let h by law, whenener a case of shall be broukt before him and consequent complalnt samil be broukt berore
exists and is maintained, who shall forthwith report to
him the result of their inspection, and the amount of him the regult of their inspection, and the amount of having duly consudered such report aud estinuate of damage, be empowered and required to give deoree in terms of such report and esthnate, aganst the landsuch decreo shall be prouounued; and unless he can surave to the contrary of the report of the usppectors, prove tecree shall go forth and the money shall be paid, on deducted from the rent nezt to be paid by the on deducted from the rent nezt to be paid by the Bpply for gach inspeotion, and haviag so applied, tot it decision of the Sherill-Substitute to the Sheriff-
de the
Depute whose judgment on Depute, whose judgment, on appeal, shali be final. The whole proceedings to bo conducted in a summury maneer, no writtea pleadengs-oral disedusion
nlone-but alone-but a written record, It is believed that in several casse were disposed of in this manner, would be speedsly brought about tnroughout the Whole of Sootiand. A swart deduction from rent in one year woull render it pretty certain that there
would be no simalar deduction, but a great deal tess Would be no simular deduction, but a great deal sess the proper person to reduce the quantity of rame. Let the Sharifi have a power to indict a penalty on the tenant who ghall make a complaiat which is not sustaided by the repert of the inspectors, and let the
subject of costs follow the msue of the inspection. It subbectie of costat that, under a system of the kind, the good relations between landlord and tonant would be mucti better maintaned than under a law which male tenabtfarmers the redressers of their own grievanoes, It 18 a great object not to make changes where changes are not required, on some estates, the subject of game is pround for compluant. It is most undesirable to introduce change iu such case3, which would be certain to create great and instant evils, which do not at present exist. It would be a great evil that killers of game should be introduoed on estates and farms where there is no excess of game, and no griovance and no complaint, Why should the innouent sutier for the duty to puch persons would have no proper a great nuisanee-and could only do that whieh would not now enst let remedies thany kinds whuh do the places where they are wanted. The system proposed in this paper provides a remedy quite eflectual and exactly co-extersive with the suriace over which and no further. It bas been attempted to make this statement ss brief as possible. T. F. K, Sopt., 1869.
botwing corn in Wot Beatonn- - In the weat of Russia, for drying sheaves of $W$ heat, do. when carried in damp state to the hon
the bramehes I mbed aff wear the Pame-tree atemo, witu poles set uprignt, with sude pers patiur out, serte of supports sheaves are huag with the heads downwards, so that it rain falls it runs ofl without loriging at the base of the soales, and rotting the grain. The uprusht supports are Lept in their places hy strouk lateral struts. J. O. W.
Crop Reports, 1869.-Some time ayo you favoured your resders with Mr. Sanderson's optuions as to the Wheat crop of $1 s t i s$, wherein that gentleman states his belief that it would prove very little inferior to that of 1888. Iou have singe given us in your oolumns the mente and trials he has made une his own Mr Sanderson has written often, and uttered his prophecies frequently, but not one of them that I mon aware has ever been fulfilled. His writings are of so partial a nature that, though they may p.easelandlords, thert. With respect to Mr. Lawes' detriled ace upoust of his experments, I have only to say that arounts clusions he has arrived at are not branoout by tae test regand to the yleld of the whe that bis statemeuta sith most erroneous. He estimateat crop of detiens year are footly ridiculous 1 ()a July betow the averise-perWhent orops, and I then stated my beliof that the lomity quaprors por ane. Aince that tume we expertapproved the Wheat crop I sm, however, still of states that in many cases the leficienry will mmoun theseonif quarters per acre. ILows are we to revonche spoken, and who have testeni thereryone towhom I have assure me that the yield of Wheat is at least 1 . less than last year, and I have threshed out a Held for 26 buabels per acre, whel usually returns me 310 eithor Mr. Sanderson or Mr. Lawes, but their public, and statemente tomd to mindead the public, and are productive of mnoh harm. Let will goon into any corn market in Eagland, and they yield of the Wheat crop of this year is very nearly Ford, Merton Hall, Hariman that of lant year. Juth Fard, Merton Hall, Harustek. Nept, 1,s
Crops in Herefordshire - With few exeeptions the for Wheat, Barley. Oats, and Peas-the Beans are still in the field-and a more glorious season for securing theresult of the use of the threshing mathinem all sides to disappoint the expectations of the growers, the yield
of Wheat bengstated at 1 a to z 0 per cent. less than last yuar for less shand that of 1868 , there will uaquestionably beadeliciency of at least 30 per cent. compared with that year, and 15 below an a verage. The pastures and green crops are in great nued of rain-ita past few days we our prospeat for autuma for the stock is much worse than last year; onng to the very peneral falure of the Chovers aud artificlal Crasses, the stock has been aecompanied by a most yectuiarly unyenual season, has verv bare. Horaftordshive, Sapt. 8 . The Hop Crop.-The uncertainty of securing the Hop urop after beivg in readasess has been fully
verified liere thas last fow days. In May aad June the biue in mont justances grew strong, healthy, and nvered the poles, it was attacked an July and August by the luase, or aphlis-the most destructive vin to the berbaje, vegetat,on, ant frats of our country - blisutund destructuply as to toll known. The beatuful Lady-bird, that arraved in such strarms bad cloudn, to eant on and deatroy thus pest of aphus, dil not arrive a time for its eradication; a groat extent of the best oultivated land did not, therefore, resaver from its serious atiauk. Nevertheless, a sood extent of the bine on the higher and poorer grounds in the outakirt villages of Farnhurn dhe make a start, flowered, set, and broduced a pretty sprinkling of Hops-ant larke in size, but tirm. Some commenced puking and gathermo in
theoron a week sinue, others went to work as the Hops the orop a week sinse, others went to work as the Hops naght of Thursiay the ar a lluaderstorm aroseheavy storms of ram followed, continuing thll Friday morning, the loth; then the wind rose to quite a rale, blew hard from 12 to 3 P. He, blowing down and smashing Saturday, the 11th, was a warm, Calm, growiag day, but with indications of more wind and storms to come, in which we have not been disapponeted, it haviag commencerl to be stormy soon after sunset, the wind risiug to a gaie, contmulag all day and ugght on Lonay, and is but little subluad this morningamongnt the Ilops, uarooting stachs of corn, blowing slates from bounes, and doing much serious damage Thu, we see the uncertanty of securing the crop of Hops, when a good erop is 1 utite roady, even at the eleventis hour. Jumes Burnes.

## Societies.

## WhRTICKSHIRE AGNICCLTURAS

Covmarer: Sept. ls.--This Sooiety is holding altogather favourable, either as rexards the number of 12.d yonterthsy
tentsiand
 now and the dmner had to beadourned the flow (r hall in the town, white the pigs lad to trust to trises of straw for shelter from wind and wet. These and gentloratu, sud personages who aro lest interesteid in the meeting, with the contidence which would msure a larate attendance. The result is that the company has beou moro select than numerous whioh are, apparently, already somewhat low, will no It anpears, mowey as the authorties would desire. tage of this county soctety if a little "ners blood" was infused into the management. Relf-suticienoy, on elon and a severe methodical method of speech, are good thing even it a secretary, when combined with a duties; but when thase qualitios, or defects, are alone relied on, and the voree and enersy of aspiring young men are made subservient to them, an association is
not likely to pronress or advance. Intl some new management is untroduced, the probability is that this county sociaty will continue to decline till there will be no funds beyond those necessary for the managetherefore be confaut to houcurable rivalry. But Whether this management woll succoed in sucuaring a In the cattle classes there is but little worthy of
notioe, exoepting a buft sent by Mr. T. Walker, to
which is awarded the 1 st pricy in his anmal is an extraordinary buill for quality of flesh and and rinip. a jeffet $r$ lean meat oter the lom, back, shown to the mont areaess onemper Ifface
appears to be coutent witis the value of himanime too
 Whwards of seven years of age, and has been in Ifr. Wa!ker's possession 1: years, he has only been shown Warwiole competition once before. I'heen whas at The under 3 -year-old haty last year.
Mr. Garne, of Churchill Heath are at poor class, and half-ribbed, and consequently rery poigey roan which hali-ribbed, and consequently very poigy roan, which
bas a fairish louch, but his phnserfue, as may be judged rom his pot belly at two Jeare ot ase, is not to be dernise of (ibANEAN'LTIV, the sucereaful prize-tahing Worcester, a I Mr Lsmn concludes that there he had a sun-stroke during the exceessive heat that prevailed in that condition during his journey home, shortl after reaching which he died
his promisug poor, collection ; and Mr. Lym Sultan " (lefunct), wan placed 1st bruthout hesith
The feturles in tiue Shorihorns are seareoly a pasine nothec. Mr. Garne's lst and aro litt a and pretty In the pairs of heifers
Harris oxhibita a pair of very useful and Mr. Garne is od with of very useful red and about thom, one being a good store heffer with prat
ing tratt, and tho other a short, fat pate
 years old." "th, although sbe

Is in a class " tonder th
animals. The Herefords nuws there are some aud are very mean, The single Longhora bill ure a capital collentiou, and the cows of thas 30 calves, aud a balf-ored Highinder kerrieg, with it coat, and fine frame, and a porfoct bag a dul that sa, eo eoat and line frame, an
clude the cattio vlasses.
The sheep azd horses are altonether unwortiy county meeting. The prize list below will mul ition as much inforimat.
these departments.

The pigs are even worse. Mr. Duckerlop mol considerable lot of entries, but, as be dud not kut
single promise, the compethtion was lefl to namme as a rule, were the only
wherein they tonk prazes.
The awards of the principsl prizes are as fullomer
Far tho best Buth, above ? ? year
shirswell Hall, for Graul Dalki gth


$\square$

## 

Far the best Ball. Livt, ols, is H, Chaptua, 何

 Tu the wwior $f$ the leyt luill, for breading pirpow



## 


 i.-









There were soveral ciasses of extra stock, cheese, \&o. but these were only of local interest.

RUI AL IML BLIN BHEFP SHOW.
Agbictltcral meetings of different kinds sppear to be becoming as irequent in Ireland as they now are in for not on. y do Irish breeders bring larger numbers of improved home-bred stock to compete witch breeders but ond-established thand in Ireland for inpraved animals by taking ofer specimens of their flocks th exhbit side by side with Irish-bred ones. This
rivalry, and the intercommunication which takes place rivalry, and the intercommunication which takes place
between the anthorities and members of societies there and the exhuitors and judges who go from this sido the Irtuli Channel, cannot fall to produce a desirable extension of good-fellowsh1n, as well as increase the
business yrofits and materai prosperity of every oue
an conc, rued. 'Ito Dublin Soclety's Sueey Show, Wheh was teel. with great success last week, is one of the mectuys which is helping to do the good work to
which we have briefly referred. The following list of prize-takers will show how honours are now divided
between previous purchasers of Britiah stock and the between previous purchasors of Britigh gtoce and the
present owners of the flocks from which they sprung:present owners of the focks from whee
LUVG WUULLED SHFEP


3 LII.-Lingoly Siefr.
phreseology) is called a lot of tops. During the tim that the ram is amongit the ewest they should be looked
through once at least every day, by this means you ame through once at least every day, by this means you wre enableu to note the several ewes as hey run.
liefore Jambing - After the ram has been thefore Jambing-After the ram has been rerooved, land (und it is always more profitable to have tea too few than five too many), will require nothing in open
weather but what they prok up, farther than boing Weather but what they pho up, farther than boing Within two or three weeks of larnbing Should, however, bare hasd froat or snow intervene at sny time, in that cease hand-feeding of some sort must be resorted to, else dire results whl follow. Nuw, I have observed
that the custou, too much in vogue at a season of this k 10 d, is somewhat after thas fiolion. a wiap a straw is laid on the zround, or elese stuck in a lieok, and a lot of Turaps spread on tho field. Now, nentlemen, I consider this both o wabteful and cruel prao tice. the straw on the kround, or in the beck, very with the very first shower of sleet or snow, and in thi stale they posilively will not eat it unless compelled through sheer hunger. Again, when Turnips ape spread on the ground whes it is oovered with frost of anow, thes soun beoome, if not so before, like lumps of ice; so hard, inseed, that young sheep shedding their rate then than they could a stobe. Now, if the be true preture, let me ask what etfeets a two or three weels sictars of this kind would hicly have on the answer, and that a nuost unsatislactory one.
Economiral Feeding.-Our pratice hitherto has been (and we don't mean to chauge it), whenever hard frost sets 1n, or a fall of snow. to lave a lot of short wide troughs looked out, and these are placed one here and one there in a small well-sheltered feld near to the steading, in which stands a roomy well-aired aked, an here the ewas are brought at once, Whenover a ohang troughs are short and broad, and that they are placod protty wide apart from each other. You will have pretty wide apart from each other. I ou will have 3 long trough together, they press and push against a long trough together, they press and push against to be injured. A short trouth entirely provents this. By having to feed standing as it were in az circolo, they cannot press one another unless it may be at the shouders, while the wideness at the trough prevonte
the food beng pushed over the side and wasted the food beng pusled over the side and wasted. The troughs benk set proty whe apart, there is less cronumg, and by beng shifted every second day joachiths is provented, and drepunge spread more
eq cally vor the land. Haring experienced lons ago eq ially vor the laud. Haring esperienced long ago that Turmp, more esperaily if given wd hotum, is the Wort food yozsible for premuant ewes, we have used hay or striw, ajling a fow hisht Ont at the rate of
 soveral breeds do you consider best adapted for ou
 farmer of tidy habitz, the well-bred apimal will be
found the most profitable in every respect. Being o mulder disposition, they are seldom fence-leapers;
 so bid as thelr more restles brechres, whe you have the most jurolife, and, in general, the best of mothers. Preparatas of Eines - The colluition in whatis the ewe ought to be before and whlu soing witil tho ram is of matter pretty much in s wurown hand, whether your the matiter pretty mued in orop of lambsare to be many or few. Bear in mud, bowever, that the bet then, for the ewe is not the mast sultable lor the gimmer, foriastaia, is owe, if very lat, if she breed at all, will seldom produce
more than one lamb, aud often proves a surry nurse beatdes, whereas a gimmer iu first-rato conditiun aill not only breod more readily, but, 10 general, wa ll bo more prolific, sud a good nurse as Well, while gimmer ya low oondition and badly wintered, in most cases, will produoe but one sickly lamb, sud that
seldom will be found a pajing andmal. Thoowe at thos season should nerther be tat dor too lean, but simpily in a thriving con lition, and mothong conduces so mach to this as a run of nice sweet Grass, in a tield where no wheep have been duriví the season. Whan this is not avalable, a fen Turatps or Cabbages, or eveu Turap-
tops, seattered daly over the fold, wht have a similarly good elle t .
(on Rtms Here let mo say that now-a-dass one doey not so oftea comb auross the mungrel tust was but toa oommonly met with some time ago-the brute Fith the big, ugly head, long slender neck, marrow ohest and loins, flat ribs, burd bare back, with the twist
culminating at the fal, standing on long, bare, bent culminating at the falk, standing on long, bare, bent produce of suoh ars animal Fill invariably prove a The mala in every case ought to bo superior to the femsle. What, then, sre some of the leading points needed to constitute a good ran? The following, in my hoad, clean jaws, large brisht eye, and thin ears, wel sot on musealar neek, not too long or too short broad shaulders, and nlaced so sis to allow the head to be carried as it ought to be, and to walk properly; wide, ns a barrel, broad loins, straight and mellow-handling back, square, and plenty of mutton above the tail, mantle of pearly, lustrous wool, ranche, nu down to the mantie o peariy, lustrous wool, reaching down to the istics, and a woil-bred aqual lot of owes, ought with proper management, to turn aut what (in ghepherd
and who may wish to dispose of them early, should
give them a little oilcake. If finely ground down, they will begin to eat it when only a few woeks old. To prevent the ewes eating the oake, put up four or more
flakes in the field, formiag a square, leaving one or more openinks of suftiviatit size to ademit the las or nore openings of sufinuent size to adimit the latab
only inside the fibkes, Place whatever troughs you
may require, these, however, muthe may require, these, however
 the quantity to ?lb a day each-inith this hittle extria, Should it be intended, however, to keep the larabs oo in the spring, the little cake given fat after being clapt will be of immense advantage; in the first place, will enable thetn to thde over the weanng period
nicely, and, by giving them a good start, wiul nicely, and, by giving them a pood start, will facilitate
the fattening process very much afterwards; and here allow me to make a few remarks as to what I consider is the bast method of carrying on the feedrag operation during the autumn and winter. Say your lambs have been gettigga ilb, of cake a-day each from list of May to ist of August, at which dato they ousht to be
weaned, the anves I3 weeks exactly; during this time each will have consumed 2inb. of cake, which, at from experianc will amount to 2s. $6 d$, a head. Spesking from experience, I would debit the land with one-fifth months would emount to $2 s$. The lambs being weaned they should get a bite of nice Grass, and, if possible, in a field where no old sheep have been during the season and the cake continued; and ouce the fields are the Grass is pone and the weather breaks, have them put under cover, so as not to allow them tor retrograde in the least. By putting them under coser, I don't is needen is stmply a wooden crection in the mat sheltered corner of some grass-field; and provided the root bo hept Fater-tight, anything will answer for laning up the sides.

## 班cticios.

Tho Journal of the Roval Agricultural Soctety of Murray.
The Part just issued by Mr. Jenkins has for its leading teature a considerable number of very well-written
reports of noteworthy farms. Agricultural reaters are reports of noteworthy farms. Agricultural reaters are
best taught, and most likely to be satisfied, when the practical farmer is their teacher; and a fairly drawn picture of successful farm practice is the best sort of agricultural lesson. There are a number of oapital
lessons of this kind in the present volume. Some of
the most energetio and best-known agriculturists of the most energetio and hest-known agrioulturists of
the day are thus pressed into the servise of the Soolety,
and their practice and experience pilsinly and aimply described by Mr. Dixon atd Mr. Jerahiny will nat doubt puque many a student sato ruvalry and eflort.
Some of these pietures of English farm practice we some of these pictures of English farm practice we ungy
from time to time transfer to our columns From time to time transfor to our columns. Dr. ou Beet-sugar and the cultivation of the
Sugar-Beet. Mr. Evershed writes a the agriculture of Statfordshire. Papers on the
improvernent of grass-lands-on the retention of improvernent of grass-lands - on the retention of moissive areen crops, are contributed by three practical men ton ; and MIr. Chambers, of Derbyshire The of Lelghportion of the annual report to the Veterinary College ment and Cattie Show at Manchester of the Implemakes a capital volume, contaning more than the usual proportion of kood practical information.
account giren of the fivestore' is, mus ustal, very meage and that of the catierent classes of implements exheabited and tried is, as usual, very detailed and explicit. Mr. given hy the judges in the former department, and Sir reports of the implement judges. We are glad to see that Mr. Wells condemns the exhibition of horseof au agricultural нociety work ratber of a circus than

 Which it was founded. This is a mintikiz. The pribe prize
Was given to Mr. Gibbs simply as the author of the best
essay on Harvest influenced by the fact that the essay judges were very diataled arcount of his own elfists to bring Fork-tut tue prize which economimally on harvest not won by Mr Cibbs' machme enther for ita practical
efficency, or, as the report suggests, for its priaciple. It may be good in elther or Sooiety ol Arts neper but on this the judges of the stathitics of the recent meetings of opponion The montary on the policy ol holding are an instructive comlocaltities. Upwardsy of holding neeetinas in propulous
Society nt Monl. Were received hy the

On the Nature and Treatment of Mild Ferer in Corrs.
By Duy, Sons, and Hewitt. London: 29, Dorset
Street, Baker Street.
one it may as well be brought and as it is a solitary once-1t is short; but for all the informy forward at the 15 pages of clear type coatain, they might have

## been indeffinitely condensed without any loss being thereby inflictal upon veterinary hterature. It will not be delised that any oue has the abolute risht to publish a book upon any sabject under the sun, or for publish a book upon any subject under the sun, or for that matter above it, but in common fairness the writer shoul 1 mith sure that he knows so.sctulug ot the ubysut on wh sh he intends to expaliate. The authors of the pruphlet <br> 

 it is atl throush the buok arpparent. TLcu they poosoning and pharperal fover the exes spreading through the flock: and specific ferments in the blond And hen at p. G, emergmg for a moment, they tha state their views of the pathology of muk-fever, by
which we presume is meant the common disease, "droppusig after calvag"
"Thas brimps as to the morn immediato stabject of our pajper, that of molk fever. From all that is known of thin terrible disease, we hare it on the authonty of caused by the entrance into fever is a blood disease, and destructive poison in the samelation or a spectic hydrophobia, rinderpest, and small-pox are produced." Tuis is the philosophical view of a fatal congestive disease which occurs only under the one essential condition-parturition; and is no nopre frequent in he dirtiest and most crowded of cowsheds than it he mysterious is not natiates but our authors' love of of the idea of a specitic poison; at p. 8 we have a nore explicit doctrine propounded.

There may be-indeed there probably are-gnyma to seize on any animal whech is lowered in bealth by accidertal or natural caluses. What so likely, then hat a cow which has recently calved slou, il fall a tion renders every animal lable to be assalled by an disease that may be epidemir or prevaiting at the time Who would expose a cow that has receully calved to the infection of murrain or the catilo plague? There may be no actual commumention between the two then can unis possibly he, except thriugia the medum of the atmosphere, or by contact or communication,
Fancy the germs of mulk fever floatingnstration ? air ready to pounee upon an unhappy cow as in the she becomes a mother: But we presume we lave quoted enough to show the character of the lozic nature and causes of disease; and to indicate how far frey in competent to desl with the subject of milk
 Letts' Game Book is a conventent form of merno folio ample space on one page tor remarks, and on the head of yame of vartousi kinuls thot can be entered the

## Farm Memoranda.

Athortil Ridint of Yorkshire.-On Sunjay the nearly 1 inch of rainfall On the and we had on that day noderately fine weather, and on the latter day some corn was secured. Since then we have had rain, more or less, alnost every day, putting a complete stop to harvest operations. Aswe write the ran falis in torperfectly faturated? corn remaning in the fields is haps more, 1 yet unsecured in this district, so perdisastrous. So far the temperature has been low prove the dry intervals. accompanied with seen low, and whioh. while partially dryman the wran, bave also prevented germination.
With the better opportunity afforded by cutting, we last month as to thaterially modify the opimion piven crops. Wheat woo yet consider to be nearly, if not from other distriots of this county concur man reportating
the ears as badly flled, yet all we have seen in this dis-
triot josatify wo in trict juatify us in heaitating to endorse a similar an arcrage The bulk of the crop, even of now securel in gord order, caunnt, however, be ft to usa unitil spring
 Beanh are thort, thim, ind joorly podded, and The ran rame average crrn
pastures, both being at a 1 for the Turnips and whate thow a smank bulb a for the time of ycuips as a farly expect them and an open antumn we may mise better than white Turnips. Thuch. Swedes propaces are koing of with grmb
healthy $W$ are reported an ind $M$, Sepferent crop 15 . but as yet
Hale, Gite, in the To
farm contains 24j acres. In nsinf of Hate. The seeds, and meadow mown, 121 acres; Wheat after
Potatos, 21 ncres, Oats 37 Potatos, 21 ncres, Oats, 37 acres; Ibeann, 12 acres Swedes, 1 acre; Mangel, 1 acre; orchards, 13 arres homestead, rick-yard, romds, \&cce, 3 acres. Customary facks well and neatly thatehed The nem min through the farm in jropier condition, as well as ath en titue wire protection had to be put up to preperti pre au antipathy to new fonces, for they afford then me shelter. Mr. Johnsou h.s a good assortment of iat wL
huuse, yard, and hotuestead. No great quantif is i stonk is kept ou this farm. Most of the produesp the and the woight of produce on the furru is a prod th there is a sulficient supply
Inspeoted July 29th, 18.9.
Mr John*nu lath inc

## 


 though nearer to Liverpotel. Thats clanamat bad
$\qquad$

## CDe Joultiy Yaro.

Ther moultry slows now con on thick and he and the question wo have many times astod is ne the Landmpotw- Why have we no phultry shor thould be very giad to liear that tho
wond was any chance of one
The l3rminghate prize shent 13 ansiously looked ts

 took firat Mrize and Mr. Iearpark serond for wh
Dorkints ; Mr Wormald first, and the Rav Gust second for chackens. Tho quality of the bard w careful) in sele thog their cla, keras for exlubtion Tha grow out of in ano ard a mere tritle, which the brard in the showyard This was the case with a pen
Dorkink chickeus at If hitby. In Spanish, the prow for old birds were tah en hy Messrs. Holmes and P. first prizo game forls, beloucing to Mfis Julina, were tery ghod. The second prizes mere taket alher and Mackhurn. Th h La 1 Mr. Ieadman took threc mot sutin oirus fif aberate quality The tark or yenelle loskshare and here Mr Leech woo tue tret pram Houdans were preferred to Crevecarurs. As magb h expected, the Hamburghs were anuugy the no inas fancy for tho breed, which is strove Certainly the berds juetify it tor there a bizes for all the edults excur folmes took the fuld Where he ran se und tos Mr. Wather.
The hardy hittle favourites, the gatue bantams, wall good. The first Mrice Was taken by a weil- hat
brecern tient, Mr Entwstle M1r Burn, of Whth ducks. Mr Leh back Eart

## Where Mr. Garbrett may be really proud of Mis first. In the class for any other rarnety of duck, Mr Waiker Won with a pair of Carolinas. The Rev. G. Hustler diand MrO i loung winn tio first prizes for geese: Mr Peew the other <br> Ther prenn- were very good, sad the greater number The prizes remaned in the county. The arrangements were very good, a <br> The arrangements were very good, and the attendance

## calenilar of eperations.

Septemaer $L_{i m} m g$ the land in autuma for winter Beans aud 1 etthes is preferable to himing it after these to be sil ceporfuly applied it must be thorouzbly incorbitporater with the surface soll, and hept as near the sank to the a ubmpl. The practice of autumn manuring is, tberefore, that best adapted for haming, the hase isk aet up into ridges, as directed under the prachice of himing for Turnipe in epring time. Lime may also be apylied before settink up the rudges for Potatos,
Carrits, Mancels, \&e,: or the these ctops it may be

 tively little ir no harm mo dry weather to the yount plants, as it is rocn shaken not er washed of by an for suteessful Bean husbandry. If alpilied on any of the stubbles, and well harrone ed in before the magure is nppled, or if the land requares broadnharing, or
scutling, it should be nppled after the weeds have been rethoved. lime may likewise be suecessfully applied to grass-land, elther by atself or in the form of lime, and 10 lasing down land at this seasout 10 permanent pasture, it should be well inmed before the of the lana and the jength of thop between the apple catons, some preferrins requent limings, as onse oversmed annasliy; others every alteruate rotations, or
Prrnanent Grass.-Tand may be lat 1 down more protitaby during the whole of this month than 118 spring 14 most countes, Grass-land, whether for whatever crop it follows, the land shoutd be l.berally manured on the flat, liglitly ploughed in. If the lated is deficient of hme, then hme on the surface, and at
the rate of trom 100 to 200 bushels of shelf per arre. Some sow the seeds on the lime, but it is better to the manure as possible. This makes a fine seed-bed hor the seode, which may ver fovered mould is not desirable at this
harrow. a small cloddy roughness atanding the winter roats better than a smooth suriaco
Rye-grass for early spring feed
Rye-grast for early spring feeding is sown from month on all sorts of land. But it grows freely will not p2y the seed Wheat an 1 Oat atubble are masurure is then appleet asd phasybed in on the that and the ham gere drilled th with about ? 3 cwt. of guano. $1 f$ there 18 a comnand of townsewage, and the land 18 light, fill the newly scarified and way be applied with water.
Hinter Jetehes are sosn for spring feed during Aurust. Seplenher, and O tober. The crop, like other spring forage crops, sollow is off the land in time for sowish Turnips. The cultivation should generally bo a smple
thin furrom, as Tares reiture a tirm secil-bed, about
 krow on all comparnively fict crap is better adapted for theavier ciays, whil tans crap is better adapted be worked advantageously at this season, wnule the can be wext May can cither be caten off by sheep or Oats or Rye with $2 \frac{1}{2}$ bushels of Tares for sowng, per acre, purposely to prevent the Tares kneeing and rothog tin the uround, as it generally is under ordinary good mansyen eut
Trifolium
Trifolium incarsatum is cotmmonly sown during August and the first half of Soptember, for soiling or
hay neat Moy and June. It prefers a rich but rather hrim suil, ${ }^{n}$ that the lanal nould neither be ploughed nor suashed up. It may therefore follow Wheat,
Barley, or Oats, or any of the root crops that were Barley, or Oats, or auy of the root crops that were
rathly manured. It 15 sown by chain-harrowiag in
moun about 2 lh . of clean seed, or 4 busbela of the rough seed
in the bu-k, per acre; ur, if the land requres nanare top-1/fesify or artifital manure may be ayphed with it alut 5 with the seed. Tue cultivation of the crop ;
 texture thau that whuch 18 ususily termed a Buan-woll
But, whatever be the nature of the soil, light or heavy the land is ploughed or smnshed up, erossed and manured, as already direated, and about $\&$ bushels of the small winter leans drilled in per acre, the coul-
ter bemg set from 18 inches to? feet apart, with a ter, being set from 18 inches to 2 feet spart, with a
suthecent lever pressure to put in the seed to the proper depth. A stroke of the seed harrows completes the operation. The land should be drilled due south and north, or, as is nometimes toohnioally termed, " 18 o'alook' " (A.M.). Some think the moraing sun
more powerful than the afternoon sun, but the differ deneuds upon the exposilie of the lan ls. But for all diffrences of thas kind, due prosision should always be made in the cultivation of Beans
mahenomteng Grass-lands should be done sbout this time. 'Tuwark and other uferior Girasses slowht be dug out, and when weeds and everithink of thes sirt are removed, $\Omega$ heary top-iressiog should be apphed seed may, hastly, be covered by bush or lasit chain harrows The carting and other operations are much more easily done at this season than in early spring.
and with anfintely less harm to the land, and the and with infiately less harm to the land, and the
young Grasses will be well establi-hed before the winter frosits set in, Stock should not be admitited, but in growing seasons the young Grasses may require
to be etther eaten off or mown by the middule of to be etther eaten off or mown by the middte of
November, so as to prevent roting durng winter Sheep are prone to pull up the tiner Gra-ses, and blach cattle to do harm both with their feet and mouths. mown the Grass should not be cut too close, and a mowing machiae and horse rake will ro over a arge green int day, the rake teeth belog sel hikh; and the adjeinme pastures, or to cattle of all sorts at the home-


 reppl gromtl of freh (irass, the recunvatur work heing
 top-dressing the better; and, therefore, it 88 more advantageous to do half the land well, so much annually, Lhan to half do the whole field in a burry this year and nothing next.
Milch Coves closely resemble fattening bullocks as to djetary, but it is meldom advisable to house themi permanently so early as thas, unless therof is a liemirul however, they will now do better indoors than in the pastures during the day, and over-night they should be permanently housed, by the beginning of the ruonth in southern crounties, and a fold month earler in the north Tue Covera, bathding Lurerne, Samfoin, foraze for cows at thas senun. Rape aud Turnips produce inferior malk for the dairy. Cows will do we.l solled on any of the above forace plants after they have become accustomed to theml But it is a wed-authenhcated fart that a mixed dietary is proferable, so that When thas campot ber conalised with an allonance of rough aatmeal, barles wea, or pea or beanment should nredce for sinil 11 just now than earles in the yewon, From the beneficial effecta produced by shifting their milch cows two or threo times daily at this season, so as to give
conclusion
The Dairy-September is \& good dairy month, both for butter and cheese, if the milch cows are properly being that suited to the throwing up of cream and the drying of cheese is southern countles. Northwards it is on the wnter side, too cold and moist. But to both hable to fall off in the ithatitity of rullk, and to give more checse than butter in what they yied, as con plared with the early pated There is not much to be dreaded from solar heat, either in the milk-room or cheese-room, in fine dry open wenther in the south, bat it is othersise ia close mukgy days, eversthing becoming more and more artficial heat may be needed to keep things dry, whatever may be the temperature of the atmosphere; and it 14 a wise maxim to kindle the fire in time, as very little the contrary, the extra heat needed one way may do harm anothe
Calres, if neglected in their proper food and shelter, are lable to be infected with worms in the niadp. pe "hoose" or "hask"), and lice on the skin. Our improved breeds are more liable to be thus allected behnd the eara, and alung the neck and back. Harsh, frequent, dry husky coughng indicates worms in the arr passiges and derankenuent of the howels tho stato
of the natestines The newly weaned calves " have got sett, as it 18 termed in some districtas, About the middle of August they were growing rapidly, but the milk being taken from them without any adequate upuly beng suade in its plare in the dieiary, they ceave to grow for a time, and so on. Prevery thus, attend to food and shelter, and as t cure, apply to your veterinary surgeon. W. B.

## Notices to Correspondents



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 Af tho boit nrts which can be planed out at oxce．PLICED reapectfully tuwtor．＂Thpton＂Nornotios，Cbestor

## 『he Gatmonegy ehromicle．

SATURDAY，SEPTEMBER 25， 1869.
Bhinuas of will desciptivis，to suy nothing of Hiberminates fool an intoneo－intereot in al that concerns the culture or the improvement of the Potaro．We are，therefore，Borry that com－ paratively few had the opportunity of witnessing the resolks of Mr．LizNiN＇s experiments，as dis－ played at tho Royal Horticultural Society＇s rooms on Tuemlay lust．＇the object of Mr． Fens＇s dinplay was threefold．to show the effect of grafting un＂eye＂of ono form 1 to the tuber of another；to exlubit the pruluce derived from cross fertilisation of differont varieties carried out in the ordnary manner ；and to exbibit a series of those varneties whech hat proved，in Mr． Frans＇s experience，to be the best adapted for garden or field culture．Reforring our readers to another column for the detauls of thus inte－ resting exhbition，we venture in this place to make a few comments of a general character on the results of Mr．Fexx＇s experiments．And first，as to the reyults of graftimg．When this matter was first broached it was received with incredulity and mdicule．The incredulity was natural，the ridıcule was not whully un－ deserred，owing to the manifest want of caution on the part of some at the experimenters， and the very high jump they madu to therr conclusions．Trien came the remarkable ev uhrico published in our columns some time ago（p．…U－ evidence given，not by enthusia．＂ic whit u：\％or as the result of crude and ontrustw crtuy ociuctitic experiments，but tostimony furnished by hard－ heuded，observant mon，with no theory to bolster up，and no physiolugreal problem to solve，no scientific assertion to prove or disprove；but given by men whose aim and objects were wholly and solely practical．Our readera had that evidence before them，and drew thear own conclusions．
Now we have got a stage further ；a well－known Potatu－grower exhbits publicly the results of his expenmeuts in the matter of l＇otato grafting； aud here we may add，that wo had the oppor－ tumity of satinlyang ourselves that there was lome fide alhown of semn to stock in sume of tho samples submitted for our in－poetion by Mr．Fenn，somo months niuce．Nuw what are the resulta？Where are the craft－hybrads：Of the illustrations furnished by Mr．Fexss，on Tuesday，all sive two wero purely negative：
no change was risible in the new frbers．
the two in which a change had been effected are amply worth notice.

In the one case, where "Fenn's Onwards" had been grafted into "Yorkshire Hero," there Was, according to Mr. Fens, some difference in the appearance of the shoots and haulm. As we had no opportunity of formurg our own conclusions on that matter we pass that by without further commont. In tho other caso an eye of "Wheeler's Milky White" had been grafted into the old F'luke as a stock, all tho eyes save those of the scion having been carefully remored. The result was a crop of tubers from the scion possessing, obviously onough, the characteristics of the Fluke and of Milky White. Samples of botb parents were placed side by side wath the hybrid, so that every one might have the opportunity of testing the matter for himself. Mr. l'ens's label, attached to his graft-hybrid, said, in one sense trulv emough, "character of Potato quito spoilt." In another senco Mr. lient might farly have written "groat success", for ho has deraonoxhibited the results in a form, as it appears, almost beyond doubt. The cui bono man will probably aneer when he sees the unpromising looking progeny raised by Mr. Fens, and learns that the majority of that gentleman's experi-
ments havo been without rosults. On cui bono principles, however, we should have remained stationary, wo should have had few or no improved races of plants or animals; as every experimenter knows ho achieves sticcess, in most cases, after manderloss fanlures. Agaiu, our cu brance of the fact that some very excellent Potatos are anserted, on good ovidence, to haf boen raised in this manner
In ordmary grafting, in which the tissue of the scion adheses to that of tho atock, when
growth takes place, in by far tho majority of cases no alteration in tho character orther of the stock or of the scion takes place. Reservoir is added to reservoir, conduit to conduit, or, to
speal more precisely, cell is developed from cell ; and as the cells of the stock repeat themselves so also those of the scion develop new ones. In both appearance by the contact of stock and acion, even though the nutriment of the latter is pumped Whether of scion or stock, thus appear's to be mere augmentation of old materin, so far at least as the scion has to get its nomithment through that aro produced in habit, rigour, flavour, and the like, as a yeault of grafting. The little altera tion that taken place in appearance may, perhaps, be accounted for on the supposition that the stock, rooted as it is in the ground, and producing no leaves of its own, acts merely as a channel of communication between the soil and the scion. This would open up that other question as to whether stems can grow without leave=, and i they cannot do so, how it is that the stock is not aflected by the acion moro often than wo know it upon. Revermons
Potato stock, deprivetl of its eyes or buds, emits no roots, but become ilecompored; its
insoluble matters aro changed into soluble ones, which serve to feed the growing shoot, so that When the old tuber or atock is dag up it is found Where no union takes place the Potato stock
remains as plamp as it was on the day it was
operated on; hemce the Potato stock aupplies notriment from its own resources to the graft, production of graft-hybrids: but, on the contrary, there is reason for
Here $n e$ larfo tho subject for the presont, with the intention of shortly revertang to it and to the other experiments on cross tertnisation carried cott by MLr. IENy, and which hate said to be identical whth wald tubers obtainea direct from P'ert. In the interm, we tender in Mr. Fena on behalt of all Potato losers and that love has many pbases '--corinal thank for the opportunity of insperting his prouluctions; and we earnestly beg him to stick perveremingly to his motto, "Onwards:" and to prow that there may be " Feroes" in Oxfordshire as well as in Yorkshire.
AT the recent meeting of the British Associstion, Miss BEcker is reported to have read a

Laper on a PeGULIAR FORM of the common were present in the same flower, contrary to what happens usually in that particular species. Furthermore it is stated that the anthers were filled with spores of a smut-like Fungus, no doubt of the same description as that brought under the notice of the Scientific Committee durng the past session (see p. j03). Miss BECKER, it is sald, brought for ward two modes of accounting for the peculiarity, riz, that it was
due to a reversion to the primitive form wholly due to a reversion to the primitive form wholly
independent of the Fungus, the other that the change in question was really due to the pre sence of the Fungus. We have only seen a condensed report of what Miss BECKER really did say, and hence we may possibly be misropresenting her riews; if so, wo are open to correction. Such cases as that recorded by thas lady aro who sometimes find a difficulty in getting Cucumbers or certain valieties of line to " set properly, and therefore a few remarks may not be out of place. Let 118 look at the facts:-This particular Lychnis is commonly found with fowers of one sex only-stamens on one plant, pistils on another. In Miss Becken's instance the flowers were hermaphrodite, and were further affected with a parasitic Hungus. Now, mont of the allies of Iychnis are hermaphrodite, but a
very considerable number are unisexual. In very consuderable number are unisexual. In
tho ordinary Tychnis dioica there is tatally a trace at least of tho missing organs; henc it is allownble to surmise that their absenco in perfect condition is due to an nrest of develop)
ment. What tho causo of that arrent may be we cannot andertake to decide. It may bos tuo to oxinting external canses, though this serms hardly likely; it may be due to that tembency to a subdivision of labour, which wo sce as fully factories; or it may be, aud probably 1s, ansinciated with that incre $2 s e d$ fecundity which results from crossed fertilisation.
And then as to Miss Becher's plant, where the flower was structurally perfect, who can say what were the causes of the change? The authoress herself discards the reversion theory, on the grounds, we suppose, that no one kuows there is no distinct evidence of any such reversion horeng taken place. Wo suppose it morht be sand tiant the thower was originally hermaplrodite hat by natural selection became unisexual, ho Miss BFeck Fre's instance may bo one of rerersion, but, as before stated, there is no evidence to show what the original state of things was. At the samo timo as a theory this riew of the matterseems to us moro plausible than the notion which Miss Becker upheld, that the Fungus was the causo of the chauge. Wo aro at a loss to see how the parasite could have brousht about tho change om an uniscxual to a bisexual condition. It vould, in our opimon, be wow hkoly to induce


While refering to Potatos, we may cite an Mr. larerson, i well-known raiser of new lotatos, and by hamebliging y forwarded to us. 1 circuin tance has come under my nothe to-day, from an old Potato zrower, respecting your Victoria. You are pinched out the bloom of one portion of his crop a soon as fully formed. The other he allowed to bloom and fruit, and the crop he allowed to bloom was not moro than half the erop. The other was not ouly cleaner skinned." the Potatos were much siner an

- We are informed that the widow of $\mathrm{Mr}_{r}$ powtion oi beate, who for many years now whose contributions to horticultural literature are well known, is, from causes entirely beyond her own control, in greatly reduced eiroumstances; and, unless a sum of IOUl, can be almost immediately forthcoming,
she will be compelled to part with her only means of obtaining a living for the future. Mr. Cox, of Rod. of these facts; and for the relief of Mrs. OqLe contributions are solicited from the afluent and the generous. Remittances may bo mado to Messan Mr. THomas İead, Parade, Tunbridge Wells.

Londoners with botanical proclivities will by glad to leary that the long promised Flora DYER, is at length issued. We shall advert to thi exhaustive work on a future occasion.

## New Plants.

## Passifloba (§granadilla) macrocarpa, Mast., sp. $\pi$

## P. ramis quadrangularibus ad angulos profunde alatis; fol

 late ovatis vel siub-orbieularibus abmipte acimminates, petiol apiesque umblacit, lonst
Critics recommend would-be poets to keep effusions of their muse under look and key for lengthened period, at the expiration of which time the production appear sstisfactory, it may be permili. to undargo the test of pablio oritioism. Arbistar for similar reasons, recommedded occasionally to fien upside down the more readily to detect any error upsive dow, We kave followed these directions error of nay glnost in letter, with regard to the big-fruted Passion-flower above described; and at leagth, afte repeated comparntive examination of living and dried spiesinuells, native and cultivated, onve setisiod our
serves that tho plant in question is deserving of specific honours; that is to say, it is at least as mach as the mazority of so-calied species, even in a parel botanical sease; whle for mardea purposes, as we sha presenty endeavour to show, inere aro andele reasos for seeping it assunet from is unies. Whle the proressing our bellet in the expediency of keeping gularis form distinet from its near ally, P. quidr opinion is no direct evidence, that both forms, as well at -1 nata, shruns orimally from a common source. flving the hastory of the Pumphinffruted Passionfeatures of the blant in the valigar tongue.

## 

## 

Contrasted with $P$. quadrangularis, in addition to What lias been prevouviy stated as to the folage an stipules. P. macromarpa has routider. larger, moro gerrated bracts ; a shorter, shallower calys tave, the petals, which are violet (not pink), the petals considerably in P. macrocarpa, and but little or not at all in P. quadrangularis The sucuediag
coronal rays are filamentous in macrocarpa, while the
are strorter ．nd tooth－1ike in quadrangularis．There is have seen some with fruit larger than nsual，but jet there are two in $\mathbf{P}$ ．quadrangularis．The column of $\mathbf{P}$ ． macrocarpa is relatisely，Bhorter and stouter，at．${ }^{\text {phe }}$ the nullev－like process is thieker and larger than in $l^{\prime}$ or obovoid，pot ovoid；than stsles wery the $\cdot 6$, and the Passion－flower with which we are iceqninted．I，Lailly， P．quadrangularis，and of a different shape，the true s swan＇s egg，and it is ordinarily not depressed at the pex at least，nor furrowed．
P．alata can hardly be confounded with P．macro－ barps，as its stems are much less doeply winged，its impler，its fruit pyriform，de．
Almost the first notice which we got of this Pumplin－fruited Passion－flower，was from the Mur－ chausen－like epistles of the notorious Hullett；and when specimens of the Hullettian plant，obtained direat tem and foliage indistinguishable from the old P＇qualrangularis，was it not pardonsble to 6uppose Hullettian form of that well－known species？Phere was described a larve－frutiad form of $p$ ，wadrangularıs common to the West Indian istands and to the main－ land of South America Hoserer，a more trustworthy
aceunt was miven iu the catalozuo of Misden，and hy－tin 1－by specimens of 1 Lo Iruit made their appearance on cur exhbition tibles．
ras the produce of a variety of to whether this fruit of anew species．Therb was this point in favour of its heing only a rariety of P．quadrangularis，viz．，thut acquid，in his original deecription of the last－mamed transversely＂，sulcated．In order to ascertane the true stath of the case we put nurselves in communial yentlemen who grews the plant，or when were presumed to the w yentlemen our best thanhs are due for their The information received from them is so valuable in cleariug up the history of the plant that no apology will be needed for intiroducing here．M．Linden，to whom we owe the intro－ duction of this Passion－flower to European gardens duction of this Passion－fiower to Europan gard
1hua speaks of it in a letter dated January， 1887 ：－
This Pasaionsflower was difcovered by my eolloctor，M，
 illuensturx，md that the fruits，which，we
Minatelen adus，and the testimony is all the more quadrangularis in its tropical home，then the 界pecies is avidentis allied to $P^{2}$ ．quadrangularis，but is quite
listiuct from it，in fower，fruit，and leaf．So mnoli for tha tontumony of MM Linden and Wallis
plant gathered in Peru by the famons traveller Dr Spruce，Fe noztapplied to that gentleman for informa tion．Dr．Spruce，in reply，expressed some doubt as to whether R．macroesrpa
indicated by M．Wallis．

## ＂If＂says Dr．Spruce，＂3，Linden＇s collector gent from the large－sruiter Passuiora，I should asy at has rased thore from sced brought from Porn．    

 Hence，then，we have evidence that the $\mathbf{P}$ ．macro－ carpa ot our gardens is digtinct from P．quadrangularis in many points，that it is cultivated in Peru，and hasprobsbly been introduced thence into the Amezon district We hsve seen imperfect specimens from Venezuels，and from Central America，that Fe rofer with some hesitation to this form．
The question remains，is this the big－fruited Grana－ dilia of ihe West Indies，with transversely aulcated frutt，
of which Jacquin speals？This question we cannot of which dacquin speaks？positively．All the West Indian epecimens we hasp seen belong to quadrangularis．Among them Fe
carps，and truly egg－shaped．
has the the raluo of the frut for the table we
 The frut grown in 1 his conatry is，to our think－ that of the old quairanianaris．On a frial made of speuts for comparison，decided preference was piven to that made from the $P$ ．quadrengularis，And commonly as P．quadrasgularis is grown，its fruit is ao know of fery confections of that inature of a richer flavour and warmly recompleud prowers of $P$ quadrangularis or Pracrocarps，to aval themselves of the frut may be serviceable：－Cut the ripe fruit into slicen orysh the pulp surrounding the Beods with aspoon as to extraot the juice，remove the seede，boil the slices fill teader，and pass them through a，aieve，mix the juice with the pulp，end add white sugar in the pro－ abouts，and boil down to a proper consistence．＂M，T．M．

## ＂ABOUT TOWN．＂

ON Soptomber 2 I took a run throuph two of the of the Royal Borticultural Sooiety，South Kensington and the Crystal Palace．Upon entering Hyde Park at tho Marble Arch，＂too late＂dropped institictively istress，and showed unmistakeable signs of sutumnal exhaustion．They looked as if it were the latter end of October instend of the day after St．Partridge＇s Day．The heds were nearly flowerless，the leaves weather－beaten and autumn－stained，and the general effect was wintry and bleak．It needed not the preseuce of a band of men snatching cuttings by the donkey seemed as if the Aumast frost had expended all it power to destroy this floral fringe of Park Lane，and had suoceeded in almost wholly stripping these bods， Which had evidently been very besutiful earijer in the way down alike．I was glad to have been felt all the tion made in your columgn last year had boen attended to made in your columng last year had boen attended Had it not been so，no one could have reaognased many of the varieties of Pelargonium．Such grand trussers as Amy Hogg especiall J were reduced to the puniest imentions．And here，in most cases，misfortune did not come sinale－handed．Proceding，or on the beels of
the frost，caterpillars had been riddling the leaves，and
the very Grass betweon the beds looked languid and the very Grass between the beds looked languid and It will be rcmembered that towards the corner of
 witls shrubs．
 the atmost profuston，nad in the hes day of health and strengli．Thereare aso some beds near the park rasls beauty between the round groups，and those extending all tho way down from the Marble Arch to stanhore Gate and Cumberland Gite．Thev were well prutseted
by the ehrubs from the Park Lane side and jurety freely ex condition．It is impossible to see muthin a compara tively short distance in the same locality the effects of sher upm lialf hardy phant insere whing inntrates
The same lesson is taught in the subtropical depari ment of Hydo Park．This is confined to comparatively nartow strips on the Knikhtsbridge side．On the highest ground round the open park the suburopical shrubbery．Broadly stated，then，this slirubbery furms one 4 ad－break，Kvigntabridge and the trees ignde the park another，the anzular shrubbory，thou，h at some distance，closes up one end，and，the artificial points the force of the wind is broken，and as a rule it points the force of the wind observed，that where the shelter was most omplate，the subtros ical subjects scemed soostat gome．
Proceeding from Hyde Park to Kensington the Proceeding from Ifydo park to kensington the
 chaltering agents，A living sereen that sifts the air
through it，thus breaking its force into fragments，is much more efiective sis a protecor than a dead nall the latter case the wind will vault over the barrier and form a fresh eddy or current inside of it，and
 motion，and scutters it utterly，like water sput on the roun 1 that camot bo the siah ber clic of buth hind－of probeceien It nestles lieneat himeltered on the other with a donble line of white Poplars．With the double protection the plants were last year．The other portions of this garden are pretty well protected by lines of trees，masses of deal of heast must be radiated at while a good deal of heat must be radiated at might from gravel．The consequences gre，that the flowers hore snffered but little from the cold．Another circumst
 the gardons，and this year over 600000 percons avaled themselves of the prisitege．8uch vast pum
stanaped off most of the Grass，and thit oheoked the stauped off most of the Grass，and thuc cheoked the of the bedding，wase fresh and green，just an if there From Kensing scen a most effective ill proceeded to Battersen．Here is of shelter，既保ully disgosed．The looality is by no nacians fafourable．The rontiguty of the Thame might rather tend to draw than ward off frost；though oxireme and suddeu cold early in the sutumo，it doen not part with its heat so suddenly as the plant－clolked earth．In this way tho river might assist the park beside it to resist the cold．It would at as a moderator concte of sudden chanzed form and plenting of the ground have more to do with lanping back from the end of Ootober into the middle of July．The subtropicals seemed to be all theroukhly at home in their coosy nooks end werm cornerg，with massive banks of richly elothed earth behind them， Warm．No proof of weakness，no sign of deony，no Btrain of trying endurance，were visible．Health，
gitength，freshness and beiuty，were inseribed on very group．
Iolieve the difference between the two parks is mostly if not wholly，one of shelter．The beddang pianta in Hyde Park are set， 88 it were，in the teeth of
the wind．They have a wide road on each Bide of them，a walk runging down betweeu them，and a broad park，beyond．And the beds，as well as their windy park beyond．andrine beds，as well as their windy aurroundings are straight，hence dive air sweels ang eren has been remored；there is no wind－break any－ Where．At every yard of its progress the breeze gains fresh momentum：it sweeps the wholo line of the narrow beds like a hurricane．Were it broken here and there，
or turned out of its course by or turned out of its course by living creeens，its forco
would be weakened，its momentum lessened，as it is， the fawer－beds are exposed to its full energy．

In Battersea Park all theso unfavourable con－ ditions are reversed．Every oxpedient has been sdopted to shut out the wind from the plants，to turn
it aside，or send it scampering of into the air their heads． absorb much hent during the day，and give it up azain to temper the cold of the nigbt．The energy of radia tion is cheoked by the discharge of this high－level heat，and the plante in the thus sheltered valley
preserved in safety．Whether this explanation be accepted or not，the fact remaing that white the bed ding
plants seemed paralysed with cold in Hyde Park they
were fresh sud beauticul Proceeding from thence to the Crystal Palace，the
 frostat at the palace to the site and soil：the former is Rome what elevated，the latter dry and apparently poor． texture firm，and they thus ofler but hittie frost－ hold for the cold，But subtropical gardening is not
attempted here，and would possibly provo a failure if Tueve J．ferent states of vegetation within such al．unte arca inplinar to illustrate the itpportatice of The later espermills is of the ntanst immortana
atters on the yeretation of southern firome the very slight amount of shalter may often prove of greater ralue to tender regetation than several degrees home．The writor has geen the British Queen Sirare berry in high perfection on the sunny side of a bnow－ clad mountain pass in Inverness－shire white it was periahing from cold in the east and north of England． In forming gardens for tonder plants gitustions should as much as pussible be cliosen where it has been ohserved that common thagz，such as Potatos，French
Beang，or 1 Dablias，escape the frost tull late in the Beans，or Dablias，escape the frost tull late in the
season．If qreater care were excre ed in the choce of a site，and moderate shelter provided，no one would
bave to lument the lons of their flower garden in the
litter end oi Augut，or dread storn wintor treading
nim tho fowry toes of eummer，as it has do


## GRAPE GROWING AT BISHOP STORTFORD．

For a full quarter of a century this little town has been famous for Grapes．In the year 1848 （60e
Gardeners＇Chronicle，1817，p． 683 ）Jones Nash，Esq． Gardeners＇Chronicle，1817，p．683）Jones Nash，Esq．，
planted a larke videry，for the time，with Hsmburph many，years those Yines and therr produce were faned Pilcrumagen were made to the Bi－hop Stortford ineries to learn the great art of（rrape growida， Berry，bunca，The plants grew like Willows in su．Cluess like karried Oaks in robust strength．The produce of esch year echipsed that of the preceding，and hands were pplifted and oyes opened in wouderiag admira－
tion．Bitt the zenith seems ho have ben reached years ago，and now the glory has departed from them．A fa． weeks since I stood in asdness beneath these arand old

opened up the oitadel of life to the cruel havoc of the shank fiend of the Grape Vine, and these grand old rods, longevity of the Grape ine, and tiese grand atill strong measuring from 8 to 12 inches in girth, are still strons border is likemine mile-about $2 f$ fect, and well raise above the surrounding surface, And yet on the apot the cause of fallure was attributad to the probabinty of the ronts aving run cean fhrough dener who had plsnted them expressed it) no probably be discovered this autumn, as it is in conanother start with out those masmmot fresh planth It seems almost like sacrilege to destroy such Vines, and it is to be hoped that a few of them may be lifted into a new root medium, and have one more chance; and that the remainder may be sent np to the arcados at Kensington, to show young and bld thai the Grape Vine may be grown into a respectable timber tree in But from the setting we turn to the rising sun-from Thomas N. Miller, Esq. Five years ago the site into a kitchen garden a and furnished with some of the largest and beat vineries in the kingdom. One house is 130 feet long and us feet wide, in ther to Mamburghs. Another is 100 feet by 13 feet, in three divisions-one Fevaral varieties, and the other two, one to Muscats, and the other to Hamburghs. The length of rafter in the first house is about 19 feet, and in the second of noble span-roofed house, 200 feet long, and 30 feet wide; the side walls are about 2 feet 6 inches high, surmounted by a a feet eash leading up to the roof, and
the centre of the house is about 15 foet high. whioh is the centre of the house is about of rafter on each side. This house is difdel into three is whost wholly to Lady Downes Seodling, another to Hamburghs, sud a third to Muscat of Alexandria. These incs wcre phantedls, only four years auo, and this is the first season that they had been permitted to bear a full crop, right up to the top of the house.
Along the middle of these vineries a 1 -font pathway, placed by a neat iron grating, is laid, out the top of the it of 2 feet on each side, standard or puramidal Vines 6 feet high are piaced, 8 feet asunder; they thus stand 8 feet by 8 feet, and betng laden with fruit from top to magnificent. The whole of the Vines, from wallplate
to apex, are laden with frapes, of excellent quality rolour, and size, while both folinge neml wond m?
bo gaid to be as isfrect ass possible. The chief feature of the whole of the Vines to be zeon at Mr. Miller's is their uniform and genoral have place within either of these vineries; each bunoh throughout the houses is as like every other bunch as may bri and the same vinal this uniform and unerring excolience, while it reflects the highest credit upon Mr. Ward, tells arainst him as an exhibitor. Many, whose Grapes are far below his hi, $\mathrm{g}_{\mathrm{l}}$ average quality, mipht cut two
or three heavier hunches, but wath the exception of a Amall house oi Misacats, grown by an amatcur nuder Mr Wm. Thomern's matrietionz at Dhacelth, 1 bave never ceen any Muchats to equal Mr. Mil er, The Hamburghs arr alon very fint whot int bugh and are bearing their third erop, the gpan-roofed hinuse, which whs nuly rianted foup year ago, its about 20 , and tha waight in the different houses will have asphalterl britoms, are well drained with rubble, and the water is cascuarged into a passage that skirts their front. The dephl. of the borders is 30 inchea
 addition of orusied hones and lizee rubbish. They haver of stubble, about a foot thick, is put on to exolude
frout ; this is agaiu covered over with tarpuling, to froty
throw of the water. The early Vine border is formed,
pieceneal, of turfy sponqioles, ramifying in all ispertions towards the surface do drainlan wa- rons deml nor -pental prepr A little loam mixed with orushed bones was placed upon the surface of the original earth-so I understond it-and the Vines were inserted in the usual manner fection of robunt hearith, and models of fert are the per Nertion to robunt headth, and models or ferthity. Vines, and the uniform quality of their produce, was the spotless clemaliness, size, and gradual and late ripening of the foliage. On the early Vines, with the wond ne hard as buckshorn, the leaves were still treasuring up more power for next season's exigencies. The chief peculiarity of oulture observed was, that the houses plant was seen throughout the whole of the vineries, This adds immensely to their dignity and crandeur, and probabiy contributes considerably to the high of allowing the leading ehoots to ran on without stopping, has been alreedy edverted to in your colvmns.
likewise to allowing a sccond sboot to run out from the browths ating es root stimulators or sap pullers, he practises pretty close stoppiug of the laterals, so as to Which is alkeproof and rause of the highest excellence. Thustheory of open manns is, however, not gher apase is eft to rater for itsell. The advocates of bottomthem. True, he does not heat his main borders from below, but then with his stubble and tarpauling ho
ntores un as nuch heat as noswible. If he directly puts no heat in, ho is very careful to lot but littlo out. The borders, apain, of his large span-roof house are heated by the surface air from above, while the carly vinery border is placed so close to the hot-water plpes, as to be heated, 1 stould sunpose, consideraby, all plants tha have their roots plared in the same temperature as their tons are grown in bottom-heat.
Further, Mr. Whard raves a qood mang young Vines
annually, and these are srown to great perfection annually, and these are grown to great perfection within a few inches of these pipes, where the young gromes remain fumn. At the time of my visit this house had been shut up for the night with a sun-heat of $1000^{\circ}$, and of course the pots, brimful of roots, were enjoying the same temperature. During cold hiche degree of hent, and yet no plants could bave looked better. Even the erale Yines are sumacted to a high temperature to finsh tielr growth, M1r. Ward remark inc tlist he loes not belteve in cold as a wood ripener.
Ur Word scyually and perhaps more famous us
Pine than ' Grape srower. Thas season he has taken will be recollerted that lie created quite a sensetion at the lagent is Purk bs showing a first-rate Queen ove " lb. in we.ght, and 13 otners weigumg toget Cher this iote Rothschulds, Quens, Smmoth-leaved Cayennes, \&o. Jike tho farapes, may be satu to be ail good alike; they are the mot regular and sturdy robust arat aro grown and can be inamberlis. In from 10 to 14 month the frut 15 keneraly cut. The sorts grown are mostly Queen, Charlotte Rothschild, SmoothJamaica, Blark I'rince and the Blood P'ne, of whic 1 saw a splondid frut nearly 6 lb . in weight. They are grown in two houses, one a lean-w, over of them being mostly uped for fruitink plants, and the other two for successional ones. Three pipes are used for being kent up close to the class The other house
 10 fiet meh in the rentre. Sx inot-water pipes, three depp, in double tile are carrsed all around by the wide flat bod for the lines in the rentre of the boll-o. Five pipes are carried tirough this bedior bothomtan as a plunging material. Fiwn rows of plants tion of them had been cut but enough remained to show the high standard of I'me arowing at lishon be moveli into thas linune, and a fresh start made. The top of the centre hed is about lawel with the shelf over the pipes. The plants are therefore a long way from a sturily habit havo been so well and surely laid in the lean-to lonuce, that the plants retan it to the end of their lives; in fact, thas rentral force, roncentratine
itself ato fruit many pips deep, the spotes cleanliness of the planta, without scale, or buy, or any suck
thing, and the shortness of the time letween the start into growth and the humshel truit, are the chie characteristic of Mr Ward' Pine growine.


Fulmer's Early Foreing being found the beat for pro vidiag a dai.y sup.ply. therr legitmato reward-sutcens. Daced Tell Fact

## INDI.A. FORESTS.

the present consil


 rulating montive. If withn caky jistance fif a market where great, un the expiry uf the lease thore might hardly be



##   ahead much more vigorously than before; any needligo millions-the legitimate deacendants of the fallen great-whil  

 treatment, and tired of life, they depart one by one, andonly mementos left of what was once a magnificent pitan forest are a few charred rotton stumpa. Could burning have beon prevented, in the course of a taplings, the thinnings of which would have been wot nod oommercial that would bave resulted from such a
 man and beast, land so much, thet oven these posta in the dio fromim sheer starvation.

## If instaad of annuany reducing the grass to asthes it



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dived 1 arm
The Indina Glovarnment noerma always to have boem rendy recognising, and liberal in rewarding, merlt in its strvel
whether military or ciril-in many finstancea ns rewis










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 careless scouncurels，an excossavely dry and poverty stricesen soil，a burning sun，and hot winds thet will make eren a
Mamillarta sbrivel，and periodical fires which nay at nny lustant destroy the might proratuing of experimente．Theye
are a few of the difficulties that tho forest officer will here are a few of the difficulties that the orest officer will have to
thin tunter rim lovercome in the discbargo of bis duties And



 formed by art，it weuhl be engy to Beo whertin lay the
gadt intiges of \＆Germin trammy Or，if British foresters


 13 nt sih．Whul everywhere elge whicre nat market ex ista for thos







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manv instances might barelv pay for the postage．fur leas the







 Not having trwet．es to for as germany，I cannet from
 un wlich ota itrent＝pratico



















 for tho market，that in hardly worth taking notioo of．It
scmas that the market there toi such like drthicles is conider－

## Suei．g that the Gorman aystens bus been paraued on so    

REVIEW OF THE GE\L゙Y N゙ARCISSI＇S－IV

Group ILI．－Paryicoronara ：orowa less than half as long as the divisions of the periant
$\mathrm{OF}_{\mathrm{F}}$ this group wo may define 11 leading types，as follows：－
Limb of the flower horimontal，or nearly so，when oxpanded；an－
thern sesulte，or very nearly ko．

## 


Fluw ers 1－2， 1 ，itly white．
with itulo ill

 Flowers，white，leates fiattish， glusculs， 3 －it ins brn ${ }^{2}$
Fluwers bright yelhw，leaves 14．Pat migotrets． 3．Jonytilla．


 Howers whatary ；crown with
 Divisions of the flowers 18．varnipionves pivieenions of the flower white 19 ．rasonss． Lenves produced eftor the \} 20. skativels.
If mb of the t．wer canmanite
crown netrly obsoteto．




 doxpanded or selghtivan，sefexed；the oxperded fowar in thits
 crenulate or lobed．Anthers sesalle，bisoriate，the uppor unt
The above description applies to \＆plant whioh is very commena in curtura irom the south of Europe，Chrough syria，Cashmere， and the norta of inda，to China and aman．Suere lase number of forms trild in the Suuth of Europe，and known in cultivation，which do not differ from it in any important characters，and wheli appeat
 debme manner．Of tuoio known in our garden 30 years ago， 45 are brielly deacriboil in Haworthi＇ honograph under specifio namee，and recenty si of the wild ones have been fully described by Profeasor Parlatore（＂Flora Italica＂vol．3，p．125－156），and 14 of them have been besutifally figured in Jordan and Fourresu＇s ${ }^{\text {＂}}$ Icones Floras Luropere．＂To these works we refer any of our readers who wish to study out the subyect in full detanl All that we propose to attempt
here is to olaracterise a few of the most striking of these varou－forms，and to enumerale under each
o thena the moal maportant or best known t． 1 ay nony mis
Yiar．I，lacticotor－The typucal plant，as just deseribed，of Yar．I，lachicotor－The typical plant，as just described，of



 Min 1．2 k ht 5






 Hine greanish wate， $\mathrm{H}-1$ limes lagk there the ovary，the

 Noggrlage，Cont Ment．t 70 ，Purl．$F L$ Ita．${ }^{3}$ ，p． 125



Parlatore＇s tw．）other speecent this ueries，X．Barla and I ．（jemart，wo have not seen．





 more imbrionted，but stull narrowed to a puilit，a diatinct


 Var．g．a wreus－－Expanded flower 18－15 linee neroass，the


 Hol crim of Ilmontli，uparime iaz If smlilutea，
 pertanth．

## 








Well－knowa an cultival，but never matched with any shli plant． he varucties of Tazetta and noeticu－．it has the leaven aud goneral habit of N preticus sar ridl florus，but the flower is different．it mas be the No ancusti－ but it is not the plant figured under that name by


 and Mentiato．Anthers bisoriate，subsersila，the upper ones
protruderl into the crown．DC．FI Pracc． $5, \mathrm{~F} .35$ ，Crem．


INT Mon．po

## ef．werniling lincentate．Ices

 3 irAhis patire of Spann，the Snuth of Framme，znal the Baiearic Island，Intermediate hetwon trentr and the Jonquil，b it terth the and the how，the stans
 arosimens．The thren takell tosether may he known
specime from all other Aarenal by theo cup－ulaped orowns， from a quarter to a dirrd，or ill evtrenue cases naariy hall，as loniz a
J．Gaker．

## 

The Hamburgh International Exhibition. - It gratifying to me, av one of the wetims of thinse whe proyccitat the abose exluhtion, 10 observe that Gurdener's' Chroas.? and in corrohoration foreign exhibitors recoived, some account of my own oase, which will perbaps be better explained by the
publication of the copy of a letter I addressed to them
through their Senretary but of through their Seoretary, but of whioh, up to this date,
they have taken no notice:-

## they have taken no notice:"The Gardons, Daikeith Park, September 2, 1869. sent moy son to your exhibition with the  <br> $m, 0$ <br> <br> er <br> <br> er0 a 11 11 <br>  <br>  <br> 

 were feeding greedily on the parent stem. Hif they of your numerous correspondenk noticed simila instances elsewhere? The soil in which they sre growing is a good, rich, uoderatcly stif, loam, resting think, contains a large percentage of iron. The locality is considerably elepated above the sea level, thoroukhly to enjoy in the young stages of its growth. T. Foote Gri, Haldon House, near Exater.Iris (Viengsenxia) Pavonia.-Can any of your corres-
pondents give me any information as to the cultiration pondents give me any information as to the cultivation
of Iris Pavonia? $\overline{1}$ have rrown it both out-of-door of Iris Pavonia? I have grown it both out-of-doors


 on Messrs. Sutton \& Sons seed establishment, it i therein stated that "a new Lettuce, named Hulme Park Green Cos, is a large servicesble-looking variety, not state the we bad the plessura of distributing seed of this valuable Lettuce for the first time in the spring of 1866, and advertised it largely, 80 that it cannot now be called a "new veriety, "or that it is "not yet seat , Out, sed has never been plentiful, owing to the
the seld
diffioulty of getting it to run to seed. We have
had it very fine in our trial grounds for some had it very fine in our trial grolnds for some sent it to Mr. Fairbairn, of Sion House, to Mr. Kose,
now of Frogmore, and to Mr. Thomson, of Archerfiald,
for their opinion of its merits. Wr. Thomson described for their opinion of its merits* Wr Thomson described follows :-"Lasti summer amongst other varieties
such as the Alma, Moorn Park. Nrapolitan, and several others, I Brew the Floho lo ark, and found it than any of the others before it $\operatorname{Tan}$ to seed; and in other respects it is first-rate, being larree, orisp, ard and in and does not require tying up, but forms itself into a Barract-hearted Lettuce, Bomething in shape like the variety to all who esteem fine Lettuces in the leat of summer." It is, like Rowden's (not Bowden's) Brown Cos, blaok seoded, and not white seeded, as describad in last week's Garden
Black Kolso, $N$, B. $\quad$. Murray ( $\mathbf{~ p . 9 2 1 \text { ) has suggested that this little insect }}$ should have a scientifio namo attsohed to it, and has propoced for it the name of Acarus Ribes, If is quite true that, is our knowledge of the creature is at prearat very incomplete, especially with referenos to its supposed perfect condition, I hesitated to give it a name but as a speoific one would certainly be conventent, sttached to speoial plants by the genitive case of the latter, the name of Acarus (?) Ribis-nigri may be
given to the insect in question, the generio name being
provisional. $I$. $\bar{W}$. The Taday-birit.-Go mmoh has been Written of late reppecting these beautiful little inseats, thet it is guite
notural that the rising gemertionshould be inquisitive,
and require to knon momething of their mission,
$\qquad$
people who rally spring from the and down the world in many eereral ways without greatly troubling themselves as to how it le matio ip or inhahited, or withnist ohserving for themaclven $\lambda$ atura's sorious, curiou*, nut wonderful Ways, until they are tickled all at once by something wonderful in vegetable, insedt, or animal life. The babits
and mission of the Lady-bird have possibly been quite都 well known to some, for ages past, as they are naw. When in boy I have heard my father, wis well as older a mol desired
not to kilth inn Tho beetle has been acolund by some Wheating fruit; that, too, was observed in olden times. season, they have been observed creeping into boles earwige, in soft, ripe fruit, both on the trees and on the kroand. fruit-devouriog insects, any more than it does the bold and enterprising sparrow, This bird has lately been aconsed by the Secrotary of the Australinn Naturalisa-
tion Sooiety of devouring the fruit, I heve no doubt
but that this bird occasionally likes the taste of fruik
when tnsects are searce. I have seen sparrows eat ripa When insects are searce. I have seen sparrows eat rip
cherries near towns; they wilt alsu eat corn, and grea Peas, and will nip off any kind of yreen stutf that may spring out of tho soll in sprinu, but that does net constituto them wholy verobstians, the ammense amoums well lnorn Jame derayin.
Blackberries and Barberries, if mixed in a simile manner to Currants and Raspberries for pies, puddina tarts, do., Will be found to be quite as good as the latter. He Barberry entirely rectilies the rich flavour, much resembling Cherries. Whoov tries it will never more neglect the Blaokberry and the Barberry. They may be considered the most abundatif native fruits we have, and if used in this manner then is no rasapn whe the dish should not macom popular $C \in$ A Allon [A capital surgestion EDS.) Sambucus racemosa, - How is it that this bositifit shrub, the soarlot-berried mider is not cultivated Fngland to a great extent? Its appearance st thi time of the year is most brilliant, and althoul Europe we have lately seen it growing in the greete luxuriance in Denmark, Sweden, Frnland, and Russio in plantations and gardens, the most beautiful spen mens having been to heicht of 10 or formone a thick bush. In its leaves and general hio it is quite like the oommon Elder, but its panioles trait, resemblome miniature bunches of Grapes, of int-scarlet, render it the most beautiful wild fruit with

Alicante Grapes, - At the cottagers' show held ounches and Hill, Esq., Blackwell Hall, Chesham, that weighed ittle oter lilb. They were the finesi bunches of th sort that I have
Chowilate Cales.-Will any of your correspondow be good enongh to inform us what is the amount nutriment in the oonstituents of chocolate, in or parison, say, with cheese, and whether it is pronoun a be less digestible or otharwise? Fater. Chocon tains larg to "Watt's Dictionary of Chemistry," tains large quantities of fatty matter and vegen
albumen, and about 2 per cont, of thoobromine whi albumen, and about 2 per cont, of thoobromine, wh cid. Pas cafteia, The ash is very rech in plosphan fatty Pryen's analysis of cocoa beans hives 53 yer cas 10 anster, 20 albumen and fibrine, 2 of theobromit nalsarch, and ofter mattars. The same authar atty for weight, we suspect eheese would confain mop
nutriment than oocoa, but with the majority of peojp is not so easy of digestion. Dins.]
canohonate nt Dt Milema, Ithe followfo gardoner at St. Helent, on the present stateand futa prospects of the Cimelimas in that jisland, may not subject, published in this Jourasl g fer weoks The letter is under date of the 11th of August las Mr. Chalmers states that by the end of last month expected to have 500 plants permenently plan season. The weather after september till abow Apris, being drjer, 18 leqs sutable for the operatich and therefore that timo wali be taken upin proparim nurseries, and in geting the ground order for future jlanting whern the rainy sas and hate a fine meper vizorous appearatne scerl, is nearly 3 feat hich, sad promises to do tre
A plant of C succirubrit growing in the propagetio house moasures 20 mehes in height, with a cincu round. broal thead this plant was rased from of plimalis of same are, and prowing in the same louse, is 2 hish, and is tuch brancheu and very healthy, but it smaller leavea, The other yount
 it neceseary
uflicient quantity micht be raisod to meet all rei: abla deinanis. In the introduction has been do fromsced-sent ifrom Kow. Mr. Chalmers sas - as mi added to the 18land. It seems, however, diflicull make the people appreciate suiblther, their belog the introduction of edibles or suct
Varregated-lesved Orchid, -On lookjne ow collection of Orchins imported from Guatemals apring, and now growing strongly, I notioed one plant with rers prettily striped leaves, ill the co and which yellow predominated over the usual go to common amongst Orchids?

Wellingtonia gigantea.-A besutiful specmen this ornamental tree is thriving amszindy bottom of a high sloping hill, and alose to s if ress bed, which is aupplied with water from nome prings guehing out or the hisl-side. Lhe dimen
passed for hardmess, is as follows :--Height, 23 feet, I country by growing Mushrooms for the million, so \% feet. It was nlanted about elath y years ago, and wes, tuenabout 1 feet hign Genrige Berim, Longlent, Hills
 fa tory manner, and as a conser, ueuen the materest in hportumties of seemine hathy, and trom mommes on thee drought of the two last summers has at all afferted them, the trees themvelves bear evidence to that arougrafated th yarious solle and psitions oldent speemmon here was phanted in the spring of 180 and its height, when measured an the month of Maren present year, was 26 feet tivelies, and I cannot add that ither soll or situation are particularly favourable
may interest some, in the future, to record hera that tht by the Messrs. Veitah of Chelch raised and distributed by the Messrs. Veiton, of Cheises. Permit me also to well-formed snepmen, 12 or 11 feet hut and is now a in the ermunds of the Viceregal girdens. There is a slight difference of charanter amoup,t them-some grow tall and tapering, and heep tery ins ratudal
others are dense and extend laterally more in propor hon to the herght. I may also add that, in the ajome con siderable numbers planted, with a view to test their value as forest trees; and I have heard that they are alt hriving well. D Presstey, Gnockmaroon, near Dublan to Mr. Robinson for the information which he has hrought to light from the deep Mushroom caves of said, that the batile of the cordon can be may be uraht over in the Mushroom, unless it be to bury enterprise. That one house out of the many should ixport to this coluntry no Iess than 18,000 boxes o hattle. And when it is true that various branches Durind industry have sated asay from us in fur and prube the valuerable parts of the commerce of be properly adjusted. The cuterprese would have to
he enterd into laraly befure me culah fully ascertane how far the culture of the Mushroom macht
 but more of carpability. Winctane of rultural abylity,

daily, whilst here, if the beds produce a
basketrul of pottles in the Bame time, the oul-
tivator is in mighty strength. Therefore the gist tivator is in mighty strongth. Thermofre the gist
of the question would lie in the sites for operations, not only for the culture of the
Muhinroom, but also as affording ready means for the transportation of material. There are plenty of caverco and other waste places in which Mushroms might bo not so much to examine there capaid bring before the notice of intending
rial which would be found as good, rial which would be found as goad, if not more ate prodetion ousurooms, than that which is at lated strap of lons of this material must be swept up weckly, und
if it he examocd in the agkreatn, it will be found admirably adapted for the culture of Uuslirooms The particles bcing composed of the very essence of the sub-
stance most desired by horticutturists, and fit for immediate use, do not constitute its chief merits; it also Would be found cheaper than the material at present
used, which, according to Mr. Mobinson's account, takes soveral weeks in preparation before the beds can be formed. Now, street-sweepings can be bought for a third of the price which has to be given for horsemanure, and at ine sanae time goes further, retains an the manure brought from the mews, important cultivator. Of course it must be strictly understood that what is meant by street sweepinus is not the heavy, bat sumply the dry swe cepmzs of the tralli,
 prise wnereby we could make that quantity less by puting them in our own peeketa 18 certainly worthy of
a trial. And if our caverns and exhausted mines have never produced gold nor silver in the nugget, we might has value in the coin. The silver mines in the cold Rusalan law-breakere the great depots for receiving would not repay the Government of this country to transport, somo of our finely-nursed convicts to the elsculhere, to prepare the way for the future development of Agaricus campestris, Forced to kerp errur har onenders, and whech soon will be inadequad why bunld more prisons while tho country emain unoccupied. Parliament can possess itself caverns for the lodgment of offenders? And if more offendera could be made to add to the wealth of the

## the flavour of the Mushroom, and probably it woul

 Hise the ghor an well as the rimb the salifaction o knowing that they were consuming somethus pro-duce? hy thowe who were tasinz the just penalty of Pot Vines at the Royal Caledonian Hortileultural Society. In sour isure of lant week, Mr ML Lad sis

 had Mriner of the prize alluded to, I mule say that, the case before ruvhing into pirint with his suppiosed rouble it would have safed him a hast amount of trouble. With zour permassion, I will brielly atate how ruy wame was grosn. - It uas planted in 1867 , at the International Foower Show in Edinburght. It stood in flat at the top of the hot-water pipes the whole of the time, and derived no nourishupplied in the pot and the sasucer or flat. Now ths consider a pot line in every sense of the
Mord, but if $[$ am mintaken, Mr M'Leod wil? perhayt kindly undertahe to pre "a bint $2 n$ to what 14 moy mention that I had nut the sightest intention
 Edinburgh, called, and, on going through the vineries, cold mo if I took it to Fduburgh it would take
lat prize. I took it there, gained the Isk prize, and I leave it to the public if it was not honestly wnn. If
this statement of facts does not satisfy Mr. M'Leod, I shall be most happy to refer him to differen gardeners who have seen the tine in its different starps of erowth. Andreve Turnbull, Gr. To James eceived other letters in corroboration of the above. Eds,]

## Foreign Correspondence.

Cemtral Pabk Nkw lork.-When tho Jate Mr. Duwning winted Eugland nearly sy yeara ngo, he
was struck with the wze and dunity, so to speak, of our public parka, more eqpecially Hy de Park, and said that they had nothing like them in America. On his return, therefore, has first object was to aupress unon his ecteat on in all reapecta worthy of he native land, to the improwempent of which ho was so much dovotod mattera emmentel will rural rmbellishment, his
 by nearly every town 10 , America of a puble park com-
mensurate with tha fodividual requiremento A comparatively recent period Now York itself could bost of no park worthy of suoh an appelation, but
now it has its Central Park, which masy be safely said to equal anything of the kind in any other couotry. Some 10 or 18 jears ago a prize of Zutso dollary in
 tirm which, it tnest be orned, has done ample justice to the confidence reposed in it. The Centra, P'ark 19 abnut tiso and a-half miles long and half a mile wide, bounded on the sides by straight parallel avenues, and at the enclosed by a rough dry stone wall $\frac{12}{2}$ feet high, in Whath there are to be park gateq at convenient
intervals. There are also sescral stulea for the adnisbin of valtors on foot. The area enclosed 15 about 63 acrex, of which 130 acrez are occupted by reaervoirs, from Which the city of New lork is sugpplied with water ; of these reservoirs one is square, the ather irregular in outline, the latter covering about lowis acres. Tnfortunately these reservoirs are not under the control of the garceu architect, but under that of the park commissjoners. Owng to this cause, they are too much elevated for the water within them to give the best effect in the landscape. They, however, practically divide the park into two portions, the northern, of containing 331 acres, whito the conneoting grounds,


## them, ath the remaning noe near the mudlle of the ower park. Thene are so constructel, by mons of

the viow, or practically ellect any division of the park; and they furnish the means of direct transit across the park for business purpases, without causing large fracts formerly covered with stagnant water have been drained ; and 10,000 loads of stones have been conveyed to the borders of the park, furnishing materials for the construction of the present, enclosing wall. The site for this portion of the park was very
 not thrust itself above the surface.
some might be apt to think the selection of the site as heavy expenduture is concerned ind was so as far effect is much finer than coull poss.bly have been obtained upon a tract of the richeat and most easily and without character. Grass and shrubbery can be formed anywhere, but great rocks and those forms of oarth's surface which are only found in Nature where rook exists, can seldom be imitated on a large scale
with perfect success. By taking advantage of the features just indicated this portuon of the park has
been made to resemble a charming bit of rural landrape, such as is seldom if ever found within the limits Breadil was. huwever, wanted, sul 1 to ohtain this three considerable pucees, of ar und bave bean clared
of all ob-tru tinns, ants brumzht to a omparativels
 ower purk, bresents about sur acres c, lewa surface o si,ghty undulated groumj, forming a reach of turf,
about a quarter of a tunte arross, unbrokell by a single
 Wed ior nultary distuss ; ordinarily, howeser, it is
 there chasren may run abont mind play unt.l thes are They fall. This greou is boundid on the north-east by rooky ridge, which has been reduced by hlasting 6 feet, thus throwing opan from opprote points the wo finest views in the mark
The rock and earth remorel from tie ridge, together with that taken from a low hill kome distance to the south ward, have been used to fili a awamp lying east of the groen, and this boung further coverod with earit to
the depth of 4 feet, an additional level space has beon obtamed of only separate! from the green by a sli,sit leppresemon of
 natming a broad promenade or tuali, whth $n$ f montan at an orer end. seat- for vinitory, and acummodition for of turf, and little broken rocks and planted banks, con duet to a lawn-like surface, ralled the eqstern plateau. Lews of an open and mastoral cliaracter are thus obtaned for a quarter of a milo in etther direction,
terminating in a forest-like brekground, having from its ruggedness a peruliar pi turesqueness of effect.
Valleys oceur in the sonthrin portion of the park, of tho central valley has heen hate more spacion the remmen the mank toh wid the cart the surrounded the larger ones, so as to form a shallow basin of irregnar outhine. Jhis band almost entirely occupned ly a lake nearly eo acres in extent The view across this from the most favourible point is of rousiderahle breadth, ant $f$ entrely unbroken for skating tat a puarere of and and for whet purpose it has been spectally prepired -a sunll portion at the upper end heinz separately dammed, in orier that water nay winter level of the remumber of the pon!, to be used




 ouscurity by ogrefuly planted shrubs of lighterand more
indistinct foliage digposed among sud above the grey rock of the background. This hill-side, being isolited in position, is crossed by no road, but is entirely laid
out with secluded walks bordered by shrubberies. The out with secluded walks bordered by shrubberies. The bell-tower at the summit offers the best position from and wheh at the same 4 eye serves is a means for tho overseers to transmit by stgnal ordera to the workme at a distance. Tates much for the lower park. The natural auriace of the upper one is much more nomo geneous, and it has been treated in a correspondingly simplo manner. About midway betweent hound esst and west boundaries are two connecting plateaux of turl amnunting to about 1 s.rres, and hese take up hearly all the space for orbamental purposes whica the rook ledges lenve avalable. is regirds rouls and walks the sunken and tunneled thoroughfares across the pari render pedestrians safe from all danger of being injured by horsermen or carrages. Seversl miles of broad kravel walks have also been carried under arched passayes beneath the drives, by means of which al parts of the park may be traversed on foot withou encountering a single carrage or horsemsn. The ride are everywhere distinct from the drives, but horsemen also penerally carriageway the drives on one or both sides, within conreniout conversing diatance. An
arboretuk of about 40 acres has been planted in is


Sintterel throughout ile prak are also some good examples out some account of these and other matters of speoial interest connected with this park must form the subject of another jellar. Josepa nerotom.

[^35]the extert of the trade, Fhen other oities are supplied about 30 cents a bushel; in some places they are feeding cows with them, for whith they are said to be good. Potatos are a good crop, as you may judge
When I state thati it is diffloult to obtain $3 s$. per barrel for prime samples. A large grower told me a fer days ago that he ouly received, in New York, 17 cents per barrel, or not quite 7 d . English, for a lot, nfter deduct-
ing expenses of barrels, freight, \&co. They are now bringing over fruit from California, and wonderfully fine it is; but the Grapes, so far, have been knocked
about ton much on the road. The Lemons are ss laree as anol Shaddorkc, and tho l'ears much liho the Chanall Islinds ruit, jut of bottor flavour.
although in some parts it has been duite weather here The scason tos hotraver hean con ure a wet summer many nights the temperature has been below $75^{\circ}$, and rarely up to $80^{\circ}$. It was very cold for several nighese, and dayn too, lait week, the thermemeter hemin domn
 there was a slight Beet shower; near Boston $4^{\circ}$ of frost ponds, but it is warmer now, $86^{\circ}$ in the shade to-day.
Jomes Taplin.




 whose experiments, he said, were of great importanoe,

Mr. Frnn -
I graftod this year Red $\Lambda$ shleaf on Dickson's Promier,
Patorson's Scotok Bine ma Royal Albort, and vice verad. I huvo Patorson's Scotol Bhine m Rogal Albert, and wice everad. I hmve






 lntter, and thcir produce goneraliay, for form, proved rounder
than Onwards. Tho Mrilky Whito groftel ou the Fluko is tho


Floral Committee mite to the scionce of horticulture. A small and comparatively, ruimportant meeting From

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 exhibition of Potatos, 8opre of theas consistod of the produ
 the most cutious of which was described aul bolng very lnt
tho top not appearing till Juma, and the tubars of which ho degenerated to a sionll round mottled form, and wero not



 froc. the Roynil Muscudine, was espectany fine in flavour an I Wra duly favoured with a First-class Certificate, A Itrgo
collection of Onions was exhibited by Mesta, Barr \& Stagden,
of King Street, Covent Garden of king Street, Covent Garden, who were requested to show
them aquin a the noxt nieeting, when the anibject wall b
more fully pono into mora fuly gono into. Sovema examples from Cbiswick, and
from Mr. Willian Paut, of Waltban Cross, were also requested
to 30 gent agaln at the shme timno. From Messre. Ytollway, 7, Jeffrey Bquare, eamo a rory large exnmple of the "Nor



 class Certificate whs awarded, and the variety was named hy the Committee the Burghley Green Flosh From Mr. O.
Goldgmith, Roleeden Lucy, came tiee Elarlet-1 enhed. Windmor





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## Thia Polar World: a Popular Deseription of Man a

 Glove, By Dr. G. Hartwig. 8vo, pp. 548. London
## Longmans. 1869

## If the natural history of our planet be divided int

 readily be allowed tint we know most a, ", it the oljeest much efill to discover in the tronics, and tha is, in proportion to the limited extent of its speaies in many respeots deficient. The number of travellen who vent irn amnnmat tains forms but a emall proportion of than who yid is that in such inolement climates and in such almos uninhabitable regions every partiole of scientifio enery is not frozen to the core.and and ment apou the burrice of our globe, and see ho hemisphere, it is not surprising that our accuaintana with the natural history of the arctio world is mon exteusive than with that of antaretic regions.
all the Cape of Good Hope, Sydney, and Buenos Aymu all lie about so south of the equator; nne wo kno Zeeland, and Patarinia, there is no land at all unt we come to the antarotio oircle. Compare this wit
 thence to the arnetie eirce thera mast he at least fut times as much land ns gea. Spitzbergen is abont is woth froms that island and from Baffin's Bay, unt. I a very and tho goal thoy tried to reach. But it is far nthel Wise with our knowledge of the Soithi Pole latsit in Whole of the reuth coast of Australia, at about $2 ;$
the South Pole; sud in one plate, opposite Geanand, ships have penetratod to within $12^{\circ}$, and feen an sohve volsan; but in ail other direobion
It is not therefore surprising that in the work no before us 460 pages are devoted to a desoription of th northern polar world, while 60 pages suflice for

保 or ail that 18 known of the antarcuic rexiona in hish subjeots connected with the patural soienees, and the present volume is in mo respectinferior to has entrion compilations. While he makes no allusion to biving visited any of tho frozen reglons, his writiong pregens imagine that which he has boen personally acauainted.
After givine a feneral account of arctic lands, with their clinate, their zoology their botany, their palseontology, he traats aimilariy of the arctic seas; and havias thus introduced the subject, he commences at leem and takestheresderesatward with himalong thonort In Spit Furnpn, Asin, and Amricis, mans on finally on the shores of Greenland. The journey is
 carefolly recorded, topether with the history of the customes, and pecrularitues of the Ieclauders, the lappo the Samojedes, the Ostiaks, the Tungusi, the Kampt-

 Siboria, its gold diggings, its most important far trade,
and its

 capture of all the animals whose skins are of value ; of
these the principal are the biach, brown, and grisls theas the principal are the wiach, brown, and grisly, blars; the red, back, and diver fores; the racooon,
Elutton, marten, skunk, miny, beaver. and musk rat.
the The accounts of the early attempts to find a northeast passage by cea to India, first through the Thaltic,
and subsequently, round tho North Cape, are very mussing to us, with our prosent zeographioal knowledgo. But perhaps the most interesting partiof tha work
is the able restmd of all the attempta which have been is the able reskm of all the sttempts which have been
mido to diceover a nortli-west passage from the Allautic to the liacif. Occent.
Our limited space prevents refenco to many other
subjoets to which we would have wished ton allude as subyeots to whinch wo would have wished to allude es
heing admirably described in this hook, and we therefore content ourselcrs with the cordial recommendation of it to our reader\%.

## Florists' Flowers.

It can scarcoly be said that seedling Datiuss have been prodxeed so plentifully this season as during the
 nne now flower at any of the meetings of the Frloral
Committee during the present month. No doubt the Committee during the prresent month. No doubt the blooming of the zeediling fowers, sud there is reason to beliove that, not only are they late in blooming, but
imperfect. in development. Notwithstanding the
 yet some very fine flowers have come to the fore, com-
bining with the fine properties of the florist truch bining with the fine properties of the florist much
novelty of colour. Five of these flowers stand out novening of colly, and each has recived the highest award
 Hower is unquastionnhty Royaty, from that Well-known
raiser, Mr. George Rawlings, Tlomford. It was well raiser, Mr. George Rawnass , Remford. Committioe ns one of the most beautiful and perfeet howers ever
brought before that tindy : it 1.af hripht poldent
 boldilv, and torm uniformy lai ciroular :11- whas

${ }^{2} \mathrm{mad}$ s another first-class flower, of fine shape and sibstance, and of a crimson-purpe hith glossy dark Thison d'Or (C. Turner) is a glorions yellow self, of a deop bright Rolden bue, and oxquisite shape, met ium
sized, and very pure; if it ahould prove constant it gized, and very pure; if it ahould prove constant it
must be a telling exhibition filower. ILarfard (Fellowes), exhibited by Br furner, is 7 most pleasina
flower, of a soft an 1 yet bright hue of liac-rose, the fower, of a soft an 1 yet bright hue of hac-rose, the medium size, and close high contre. Queen of Yellows the last of the five above referred to, appears to liave
been exhibited by a new raiser or exhibitor, Mr. ( been exhibitod by a new raiser or exhibitor, Mr. (r. Parker, Maidens Green, Winkfield. This is a fine
bold bright orange-yellow self, of fuh substance, and bold bright orange-yellow self, of futi substance, and
looking as if it wond be a constant and rolisble flower.
All these, except Aristules and Qucen of Tellowa, were represented at the Imeetina of the Floral Committee on September 21. In addition there were Alice (rair
(Iurner), blush heavily tipped and dashed with brisht rosy purnle, and yet, though betominit to anmmerous type of flowers, with much noselty of character, of
modium size, and sery promising, though mot smown on this oceasion in the best condition hard Wheymonth
(Wheeler), balf gnlien ground, havily tirperl with lake, a pretty and pleasing flower, rather coarse and outline, and jor macinis to be finer whent uc,l grown.
 Turner, for lorm.s., in ntantore 1 thom $r$, if $\cap$ las the petals paler, dishinet meolour, and of yoot substinn
and outline, though as shown requiring more finish. In addıtion there were Sarali Maris (Wheeler), in colour a pale lilas self, the bsae of the potsl finced with
deep rose, but inforior in outline and finish to Harvard, which it somewhat resembles. Edith (Turner), pale ground, tipped with a paser hright purgle than Alice Gair, was represented by three blooms all more improved state to remerm an aprard. Enchantress (Parker), pale ground, shightly, guffased and tipped Fith purple small, but promising; and Mr. Parker good as tho last named, nust al-o be considerably improved ere they ma
already in cultivation.
Mr. Turner staged solfection of 72 blooms of ahow and fancy Ihahlias; of the former the following Fero very good:-Memoria, Siss Ienshar, Jurple King,
Edward Spary, Vee- President, Charles Taraer, Chnirman, Buttercup, Valentine, Mips Roberts, Oyg-



## Thr $\mathfrak{A p i a x y}$.

##  










 bourbod of the part ulued tor broed ing mas of oweon




 cativ havered and tor the samor reson itappara pro-
 Tho odoror of ornace bes been from to to forour tad

 hire is well koont., Wraether this explanation of the cuat may be correot or not it appari to be tho one


## Garden Memoranda.



 Ihe crile,tion uf chant: os warhe if fature in the Whd the excellent oondition that charaoterises the whole. flower-hardening, with the suitable sdjuncts of lawa and better prepared for apprecinting the details of the fol lowng pleture of quiet lovelmens.
(rasen astraight gravel walk, running about som) yarif first down an side, the bowtra planted tuw--back lioe of Gladiol sind Christine Pelargonuums then ovals slightly raised of Polargoniums Flower of Sprine, Golden C'bain, ant Cloth of Gold alternately, tied together as it were with mass plants of Centarzrea rapusina, the ovals edged or garnished with Pernias, an! set in a groundwork of the grey colonred and ralud growng Artenat ia stel Terlana, wi
There was a charm about the arrangement peculiarly coptrating: the batelnges of contrasting primary colonts was avoided, and the and of with the frey decided croumdrork, the polden and silver ovals set in purple ensbronders, and rehered at intersals with the hoary colonired nom rumcinate leaves of the golien individual treentike nanses of tha Pyrethrum next to a 12 -inmb markn of Griss - tlie worthy of imitation $O P$ course place and position worthy of imitabion, OP course place and positinn there is a screen of deciduous frees and shrubs sand
evergreens of the Irish Yow and Coniferous sections,
 in tis waters like a mirror.
Exemplo Nio. 2 stands at right angles with the borders described, running along the foot of a grass terraced bank in front of the mansion, and is of a more elaborate character in its details, but wroucht out with the same masterly hand. The bordes is about Io feet wide, backed up With several fine plants of tio Cawson Cyprass, the Irish inw, and Thumonsiaborealim, golden balls on sombre green stems, interiulvel titls neat portablo nlants of the variegate 1 Acer Negumplo, the grousdmork among these is Pelargonam stell Confronting the beck actangement 18 a broud lime of Finaphathum linntim, with wry dereded diamonds of P. Mrs, Yollook, Eirninhel with the dark $80 n$ parple hue of Iresine II rometi, reliescl at the
jnnetions with the beautiful Contaures; and the sholo is finished up with three narrow hanes of Arabis lucida Fariegats, Alternanthers spathulata plant blending in evident harmony witi two of the
ration
With the exception of the flowers of Pelerronium Stour there was 耳othing but foiling to provide the collour here and sexie efirect wze signicant, and abore



 Lorescence; Allornanthera amabilh and Ireano
 carly part of Sop tomber
A capital wrinzle is in store for your exparimental readers, and ono that can be putinto form next season, viz., encircling tho base of suoh lhings, for jngkance, as Drillant growing things, with oircles of about 2 feet diameter of the donsely-tuftod Sedum lividum (?). Hore it was quite first-rste, besting for colour and density, ovor tried. Thereare meny other succulents of a hardy ing the flower-garden. Quietly take tho hint, sontha
readers, for to many of you st least it will be invaluable
informotion. To Mr. Sorley, tho gardeuer, no small Americans onll it, in the carrying out of parterro flower-gardening.

## Miscellaneous.

Limits of Pines.-The road passed Las Tablas, where for the first time we found ourselves in a mostr delightfalty coot temperature, and in a forest of Fir treen Ooote" a corruption of the Aztac (Mexican) (Ocotl ${ }^{3}$ ). I may, however, add that this is not the most southern limit of the Pines on the Pacifio side of America, but that it is, as far as at prasent ascerbear Chinandega, at an elevation of iphilf foct above the sea-level, whilst the most northern limit as Fave shown in my Hlora of Taskmoland, is on the banks of Captain Bedford Pim found a rogular forest composed Captain Bedford 1 m found a regular lorest comphsed of a speoies (Abies arctica, A. Murr. ole Pine. We did not long remsin in this delightfully cool atmosphere, but were compalled Bgain to descand into the hot valleys, pessing the village of
San Jran do la Maya. Dr. Sammen's Dortings Conal Plantr.-Stigmaria or Sigillaris, together with
Lepidendron and Calamites, formed the prinoipal trees Lepidendron and Calnmites, formed the prinoipal tree
 nised stems they possessed. Ferns are the only Cryptocarns whioh reach the size of trees at the ahounded 1a tho coal period wero qeneraly humble planti, only in one or tru cives iaving a stem of any and Iforcetalls of our day attained at that early period a size that equals or even sur
Hon fo (iraw Gooselifrries for Cooking. - Many years ago my father planted a hedige of Gnosebery be put in a lot of spare buabes and a kreat many cuttinga of full length, just as they were pruned from the (inoscberry bushec, and a matted thicket was the conseduence, very prolific indeed ol spines; but a very Gooseberries had got large and sweet, these were small and sour, and made excellent tarta, Any quantity of Goosebcrry cuttings can be got in minter, and, if they root, and make sood plants in the course of a short cime. If any one possessed of a stock of plants win nto hedgerow fashion, he will soon get a weight of annll fruit off them, for the plant is a sure cropper
 high, yet it is quite astonishing to gee the quantities sold, and the large 8180 they are A tart Gooseberr should not be larger to are as big as Waluuts, and need to be aliced allude to are as big as Waine Cuengers before going into the pie-dish. As the fruit is only grown to hal its natural size for tarte, and only eccupies about half the time upon the bush tha the if the caterpillar can be kept down the plants will mo on fruiting for a great many yeare, for the Goomeberry planthoush never pruned. It is less than the Currant in size, and consuderably longer lived. It seems 2 if it consing to oupsrd itself with mointa armour whioh it has to manufreture as it roes on. The subicnt ( n'? want to be named, and the line of distinction drawn ly treen the calture for ripo fruit and the culture for green and the work will pet forwar 1 in 100 thoe. It it that gives the thing a fair and honest trial. $A$ drory ${ }^{\text {ren }}$ that gives the thing a fair and

## Gariden opperations.

## For the ensuing week.)

plant houses.
Many climbing plants, such as Dipladenias, Clerodendrons, Stephanotis, Combretums, Jasminum logustro-
folium, \&e, among stove jhants, and Rhynchospermums, Solanum jasminotdes, Sollyar, and the like, amongst greenhouse plants, Fill now need very little root mois-
ture when grown in pots, suflicient only, in fact, to ture when grown in pots, suflicient only, in fact, to
keeps them from showing any symptoms of flagang. keep them from showing any symptoms of flageng.
This will tend to finish off the rupening process effec-
tually, and condaco greatly to ther flowerine capatually, and conduco greatly to ther flowering capa-
bilties in tho spring. All those plants whiulu are
 Poinsettias, Fischynanthus, Gesneras, Impatiens,
Pentas, Torenias, and early spring tlowering Justicias, \&c., should have all the light possible afforded them by being placed in well exposed sttuations where the sun can find them out. A nico growing pertod slould be
afforded to them, if it is possible to do so without interafforded to them, if it is possible to do so without inter-
fering with the requirements of the other inmates of thes stractures I hare before suggeated the despra-
butity of housing all plants nt the earlicst possible buty of housing all blants at the earliest possible
moment alter a wet time has set in. The showers we moment alter a "he time has set in. The showers we the balls too wet if this be not done, a state very greatly at variance with that which is really essential to the production of plentiful bloom-buds, Attend with care root waterings, which, whilst they should not be too rostricted in their application, should only be afforded when they are really wanted. In fact, if I may use the expression, just let each plant feel the want of water,
so that when it is given it may be imbibed by the roots, so that when it is given it may be imbibed by
and turned to account with a healthful zest.

## FORCixg houses.

The outdoor borders of those Fineries which are intended for early forcing should now, if not already done, be covered over without further delay, for the
purpose of warding off superficial rains. Jown and purpose "bracken" Furn is as good a material as can be nsed for the purpose when makeshift materials are in demand, and no proper shutters exist for the purpose. The Fern is ligit and open, and whilst it absorbs the rain freely, it dies not mpede a tolerably free circulation regard to removing decaying or imperfect berries.
Slinht fires must be kindled each morning, to afford the Slight fires must be kindled each morning, to afford the
air an opportunaty to dry up the damp which may air ab opportunaty to dry up the damp which may
have settied mithin in process of condensation. The tires nust be so arranged, however, that the pipes or
flues become cool again towards night, and before the structures are finally shut up for the night. With reference to Pines, great care is now necessary with regard to the bottom-heat from those pits which have
been renovated, and into which the recently-potted plants have been plunged. The heat theroin will be dic, however judicionsly the miterinl may be made up
Hence the test-strin muvt ve requenty felt tato sio as a ma vimum, for, taking downwanil huctua-
tions into ace ount, this is it good average, beng a safe one to maintan, bestles allowng a slyght margin for increase of heat besdes, without danger of injury to the roots. 'Those l'ses whech are now in the various fruting stages, viz, such as are just finished swelling, half grown, and just over blooming, should be pushed alonk quickly durng bright, warn, sunny weather.
danger will oxist of their coming in too soon if they are intended for uso from December to February. The quickest pace you may keep them at from this tume ever, urge the desirability of keeping up an only moderate tempersture by night, for reasons which I have given very recently in former Calendars. The same remarks apply to Cucumbers whech are being grown in incua moderate night temperature, and aifording air daily, and especially early upon mild mornings, a strong bine may be formed capable of carrying a continuous
crop of fruit onward through the winter. To force Cucumber plants into making too quick a growth at this seasou, even in instances where they are somew hat behind, will be to anjure the rr future well-berng.

## HARDT FRUIT GARDEA

The ingathering of all choice varieties of Apples and ducted. Perhaps the bemt oncer, and carest test is to gather them th the time when they will part frou the trees perties may be enhanced, and the period at which materially prolonged by maktig several distinet gatherand a little study of individual peculiarities will be necessary in all such caspe. The pip, or seed, for instance, whist the exter.or should have a matured bronzy look, Without some hittle knowledge of these and other aimilar facts some risk wily be run of picking them will follow to the greater or less injury of the crop. The crop of any given sort of Pear may be prolonged in usefulness by placiag somo of the fruits when mathered into a close cool place, and others into fulisut and air. This, however, applies only to such norts as are

## hardy flower garden.

Finish pricking out all seedling Garden Primposes, Polyanthutes, dec, at the earliest possible moment, otherwise these will not have time to become esta-
blished before winter. Cut down all Hollyhocks blished before winter. Cut down all Hollyhocks
which have done flowering to near the kround line. This will afford the stools an opportunity to allow
young shoots to establish themselves before winter sets in. These may likewise now be propagated by means of some of the youncer shoots, which have eyes
at the base of the leaves, where, in fact, no flower has been formed. Cut the stalk away close down to the leaf upon the upper side, and again below it, leaving
about an incla and a half of the main stalk below the leaf, which part should be firmly potted up to the base of the leaf. Do not destroy the leaf, but keep it fresh and green as long as possible. Use very rich sandy or
aritty soil for the purpose. Some of the earliest sprint flowering for the purpose. Some of the earliest sprins sprout, even if kent out of the rround; they should be planted at the earliest possible moment therefore It may not be posssble or convenient to plant some of which wrich are intended to make a display in beds should bo placed singly into smalt thumb pots, plunging them into some light material until the beds to do this the billis would he better if they were placed into some loose leaf-mould or similar material upon a firm bottom which is not likely to become too wet, and into whel they caunot nenetrate, but where they may
make a few roots, and kep) the bults from becoming exhausted through premature sprouting. Remove the lights or other temporary protection from Auriculas at ail times during dry weather. These plants delight in fresh air and a moderate temperature. There may be instances where Scarlet Intermediate Stocks, which were planted rather late, have not yet come into flawer, and such are taken up at this time, potted into a good rich compost, ramming the soil firmly on to the roots, and placed in pots not larger than G-inch ones, and then fully exposed under a north wall and kept well watered unth frost arrives, they wil overcome tite
shift; and if housed into pits where a litte fire can bo afforded in severe weather, they will bloom very freely and beautifully in the early spring. So soon as the
flower-buds shotr, if any single ones appear, they can flower-buds show, if any single ones appear, they can
be removed. Few things are sweeter, or enliven a conservatory or greenhouse more, than these do under such circumstances.

## kitceen garden.

Continue tying up Endive and Lelluces upon dry favourable occasions, a few at a time, and often. These
blanch more slowly at this time, and are more likely to rot daring the process, hence the дeed of proceeding as above. Tie successional Cardoons round with haybands or other similar support, and afterwards proceed with the necessary earthing up Continue the earthıng up lot up at three different times only, thinking this plan imuch better than placing a little at a time periodically, as it blanches better,
and the soil is not nearly so likely to run into the heart, or amongst the leaves. Finish thinning out autuma sown winter crops of Spinach, Trusips, sc,
and use the hoe freely amonest young Carrots which na use the hoe frely amonjut youg callo which
In view of a neat and tidy appearance, without ahich
ao gardea is really enjoyable, keep the walks constantly swept and rolled, and remove a.l decaying flowers or leaves. H:

## Town alrdening

THE Chrysanthemums should now be attended to, if it be wished that they should make a pleasing feature when in flower. The plants can now be trained to almost for flower-buds, which should be sll removed with the lower-buds, which shore bo removed fill the exception of the centre ote on each shaot, ror I
sider consider quality of flower is to be considered rather than quantity. The earwirs are a great piague to the means, as by trappines them with bean-stalks placed on the rround, or by lobster-claws placed on the sticks. stock is required for next season, take off all the suckers, and pot them in 60 -sized pots, and winter them in a cold frame. They will make the best plants for the next season. Plants of any size will remove well at this season if taked up with a good ball of earth. This can
be done in the following manner:-Tread well round be done in the following manner:-TTread well round the plant, clut all round with the spade about water, and on the following day they can be removed without week they will produce fine fowers. Pompons can also be takea up in the same manner and potted for the
conservatory, and receive no check. I have grown and conservatory, and receive no checly. I have grown and seen some fine pota of Litium curratumand
folism, and should adrise that they remain in their pots, turned down, till apring, when they should b
btate op the weather at chiswiek, nat london For the Week end.ng ${ }^{4}$ ift $22,1683,0$ os observed at the If ortirultural Garien

sTATE OP THB WEATHER AT CHISWICK.



## Notices to Correspondents.

** Tho Editors request thoso who orward fruit to be named
 scrius, as is frequently the case, for thess it is impassible
to recogtise They can tuke no notice of any cummumeanion
inless cartige jais?


 Richards, Esq. Assistant Secrotary,
Bociety, South Kersington, W.
 avishoous : A Constant Subecriber, We could wish for no
better material than that you refor to for the formation of better materfal than that you refor to for the formation of
bed, and the certainty of a crop. If you have not qnite sufticiency for your pirpuse, then thoroughly atnalgamah
fresh wet droppings wish the mass. Canse it to fermon sligbtly, and it whil be fit for use ; otherwase, ff you intend Leap. In dise time, place it out in layers, 2 or 3 anchopa thick, This will cunse h glight fermentation, and furzash latent
moisturo throngont tho while, it woll then bo in raro order
 scalding then to death with boiling water as they evlect in
sufficsent numbers. Earley on the Mushourn (Bradbury,
Erans \&f Co), price 1x, would no doubt be useful to you.




 whels is produced in the perfect state during the summer.
The krubs are easily destroged with lime wator, or by Preparivi, Home-Gnows Tobacco for Fenigatisia' A Leemer.
Gather tho full gruwn leaves on a fine fay, lay them on each ethor madry, sunny place, nbout 1 foot thick, constantly turreing thenn every day, and as they get dry, beep putting them a box, pressed quite tijbt, piek oft the best leaves and hang
up the stakg. [. .t them gradunllydry, and then chop then up and mako ise of then In dryigg pick ont the leavel
no they get brown, and put them by themselves, $1, e_{\text {, after }}$




the beetle has eaten the pith upwards, ania made its oxit at the oxtremity (b). Fig. 3 represents the natuml eize of the insect, and Fig. \& shows the beetle greatly magnifed Tho sumth in well arapted tor gouging mit womd, as mager with stenilar pal l
 that he was not the writer of the rotice to which we alluded
last week.





## Look to your Grass Lande.

F MES CARTER AND COS'S RENOVATING

 CARTER'S MPRIZE REDAL' PASTURE GRABSES For
OAMING NEW MEADOW8, mised to sult all solie, from \&ls. to

869. Welal WEEN FOOD SEEDS.-
 Whater Ryo
$\begin{gathered}\text { Wincer } \\ \text { Wuate } \\ \text { Winter Rapo }\end{gathered}$ Mits. nid nt thodernto pries, THE LONDON MANURE COMPANY


PREPARED GUANO
 딩

AWLS' WHEAT MANURE, for AUTUMN
 DAMS S'8 NITROUMA SOWInG. TE OR BLOOD









## The Cheapast and Best Ingecticide.

 DUTY-FRRX TOBACCO.

## 毅紧

JOOLEY'S TOBACCO POWDER, for the Prevention aud Deetrictlon of Blight and other Disaruen to Prath

 Tylenk, sooth kensingtou, Mny $T$ lise y ENULNE TUBACCO PAPER, of the

$\left(H^{I}\right.$ S H U K S
Used by mayy or tho lea tion

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of frous it to 16 ounces as an
Wtater Dremaing for Vinel and

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PRICLS Partant
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Betterses, Lobdon, B. W TOWLER'8 PATENT 8TEAM PLOUGE
 لALNER'S AIISCATE of 1 KON UAIN Erretuall PRESERYES IRON ati WOOD,
15 unaffected by oztrome HEAT sud AMMONL.


THE LANDS DMPROVENENT COMPARY-
 Frederick L. Dashwood, Knq, Kirticgion Pirk, Ostorn.




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Whe Conpol
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 1-L IMPROVEMENT COMPANI.

J. BALLEY DENTON, Praclpl Eagneer
Akriealntril
Man

 Cha Landowners in a siorter torm.

THE BIRMINGHABICATILEEAJd HOULITKY SGUW.


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 by the roforence letrera
CATKE-FOrma

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## siteep.

pigs.
RIze LTRELES", Form



 S MGTHFIELD OLUB IMPLEMENT SHUW



## © ${ }^{2}$ Sgritultural $\mathfrak{G a t e t t e}$.

SATURDAY, SEPTEMBER 25, 1869

WERE<br><br>

FOOT-AND-MOUTH complaint has not yet exhausted its virulence; on the contrary, it seems to gather fresh force as it advances; the ratio of fatal cascs has increased, and the number of severe attacks is enormously in excess of those which occur in the ordinary something yet to bo discovered reinectiver the mole of proparation of episontic affections. With tho cattlo phague it was all plainsaling,
wherever infectud anmala or maternls which had lun in contact with them (naterid, there the malady appeared, and absoluta secunty was enforced. The present epizootic, however, scems to bid defiance to all precautions, and in spite of the cordon round the metropolis and the slaughter of cattle in the defined parts of the outports the disease has spread with greater rapidity than the cattle plague did in $106 \%$.
ren days ago foot-and-mouth diseaso was
reported to exist in nearly $\$ 00$ places; last week the number was over 1000 , and this week it has renched nearly 2000. The following list of infectel counties will serve to convey an idea of the extent of surface over which the affection has spread:-
England.-Matropolis, Berks, Bucks, Cambridge, Cheshire, Cumberland, Derby, Durham, Lissex, Hants, Herts, Kont, Lancashire, Lincolu (Lindsey), Middetingham, Oxford, Salop, Staford, Suffolk, Surrey,

Sussex, Warwick, Worcostar, and the Bent, Weet, and
North Ridings of Yorkehire, North Ridings of Yorkehire,
burgh, Haddington, Lanark. Clackmannan, Bdiaburgb, Haddingtod, Lanars.
On the Continent the state of affairs is not more satisfactory; from the Black See to the Atlentic foot-and-mouth disease prevails among cattle, sheep, and pigs, and cargoes of infected animals are day by day landed in this country. Sheep suffering from tho disease have been detained at Noweastlo and other outprets, and on Cuestay last a cargo of noarly 106 nhep arrived an London frum Hamburg, and on inspection it was fornat that $4 \%$ of the nmmals Were affected with foot-ami-mouth disease; thoy were accordingly dotaned: the remander of the cargo, howevor, bones appavently healthy, was sent to the metropohtum market to bo distributed over tho country, and add to the already uumerous centres of infection. Tho same course has been adopted at other ports, with the natural result of spreading the diseaso: but for the future the dangor will be effectually inet by the detentwo of the enture cargo of shaeep in every instanen when any of them ary atfocted with oczema. Thas arraugement is mperatively called for under the present encumstancer, and its adoptiou at all tho ports may be expected to produce good results. Under the propistone e the Contagious Diseases (Animals) Act, and the Goneral Ordor of August 10, cargoes of cattle must bo dealt with in an equally summary manner in the event of any of them being afficted with a. contagious disease; it may, therefore, be presumed that no inoro iufected furoign ammala will bo allowed to pass mland More stringent measures are, in the next place, required in this conntry before we shatl succed in urresting tho disetme which has advanced up to the pesent moment almost without lot or himbrance. Wo do not advocate a recouse to the soverity of the cattle plaguo orders; but strict isolation, aml a free use of disinfectatate, aro posental pate of an affectivo syetem of provelution. It camuot bo nasumed with any show of reanon that the restrictions at preacht in forco aro sullument to mect the emargency; with hundrada of diqeamer cattle gra/nig in commons, and in practacally open pastures, it is impossible to arrest the spread o infection, and even when the disease is known to
 prevent the removal of tho apparently healithy animals from the premaises to a neighbouring fair or market. The disease, both in reference to its severity and extent existu
in an excentional form, and special provisions are needed for its eradication. Authorities charged with the carrying out of the Act, working in carnest, will find that they have no light labour to perform, and when they manifest an intention to aot vigorously it is beyond everything desirable that they should not be crippled by want of power to meat every difficulty as it arises.

Tirees is a peculiar district on the mountain limestone formation, in Staffordshire and Derbyshire, which is too clovated for corn or arablo cultivation in general.
The smooth outline of the hills, with their grass-covered surface, gives them a strong But the limestone soil is much richer than the thin covering of the ohalk downs, the climate is cooler, and the rainfall is 50 per cent. greater. We have been much struck with the comparative character and quality of the herbage on the two sitem. The natural poverty of the one and rich
the other are not more remarkable than the fact that the Grass of the latter, under exhaustive treatment, assumes the same character as that which covers the former.

Most of our readers are familiar with the look of the herbage common to the tract referred toto the Epsom and Brighton Downs, and to the North and South Downs generally. It is aweet herbsge for sheep, and is as unproductive as it looks, nor can it be mado otherwise by any system of cultivation over yet attempted. 13ut the better soils of the limestono are clothed with rich Graas, that feeds heary Shorthorned cattle, whose bulky frames, seen on the horizon, have a singular appearanco when the animala stand on the topmost edge of the great round hills to catch the air in hot weather. The fow sheep which acoompany the cattio in this rich but elevated district are, like them, natives of the plain. The condition of this pasturage is easily
maintained by restoring to the soil the elements remored in the cheese, butter, bone and flush which are yearly sold to the more propulons districts which requro thom: but, as wo sain before, tho condition is lost when this restoration is neglected,-the pasturage then becomes poor, the best Trissocs disuppear, and the land, instead of rotaining tho succulent early and cultivated varieties which had beon sown, is takeu possession of by plants peculiar to tho chalk and limestone, several of which are not Grasses, and are a month later in sprugg than those commonly oultivated.

It is observed that pastures from which hay is sold lose their herbage first; the process is much slower on the choese farms, because pigs are kept to eat the whey, and a partial restoration takes place in the corn purchasod to fatten them. The bill farms are occasionnlly farmed, or sputed, by thoso who oceupy land elsewhere, and himo for their convenence several "gates" of hill phastnrox, or for six sheop. There are, in short, many examples of farms where no proper or complete bystom is carriod out, and the exharstion of the soil, as shown by the injury done to the herbage, is found to bo in exact rolation to the managomont. Exhaustion, sooner or later, is inevitable, oxcept under vory high farming, which includes gonerally cattlo feeding with cako and corn, and large purchanes of manures. But the period iv, of tho land and subsoil.
We have often been struck by the appearanco of two adjoining pastures, presenting the greatest possible contrast, though on land of simular original quality. Fot it syema that tho C'lovers, \&c., aro not lonished from the exhaustul soil, nor are they deatruyed ; they exist, though with-
out rigonr, and nro pie eut, thounh in portions too minute to be obscrved; and they can be mado to appear sumbenly (that is, in a singlo tasm), by sowiug bones. Seed alone wouli bo thrown away, because the comitions of growth aro
wanting, but the constituents contained in bones supply those conditions ; and the plant, which had nover been quito destroyed, immediately becomes luxuriant.

Bones have been systematically used in Faglish farming for half a contury, and the singular phemomennn Hescribert is familing to apricul-
turists, but the lesson taught ly it has yet to bo made familiar, for tho practico of molern farming has perhaps led us autray from simple truths; We are apt to overlook the fat that meleri
farming tahes from tho snil move rapily than farming did of old, and that it only restures to the sonl, clumsily and inadequately, by force of purchase.
Onr great crops are obtained at great cost; wo work the lund harder than we once did; we plough it deeper and crop it faster-and wo feed it better. Unless it bo so fed, our decp cultivation and other oporations do not pay. Even the richest land dom not long bear nur rotations of crops, withont being fod by manumes obtained.
directly or indirectly, outside the farm. 'The German Professor was not far wrong when he said to his pupils "manure is the soul of agriculture." It is almost the one thing needful to the English farmer: all his other processes would fail without it.

Some persons havo declared that tho earth is inoxhnustiblo. Iret them attompt to farm without manures; meaning thereby all the fertilisers.
The truth is, plants appropriato tho subutanco of the soil, which is romoved with them. The
land has no power of continual self-restoration, and therefore, farm it as we will, by plough or by spade, we must constantly manure it. The expenditare for manures is an enormous and Their ent controls the cuat of foud. If guamo, euperphosphaten, and cabes were me-hali th. ir present price, therw would shortly bo more whather our fields may bo properly called oxhausted or not, there is no itrostion of the effect of the extra feerting they would get. Need we point out that manures are more wanted becallso tho land is luss ille, and thoy get seater becatrab they aro wasted? l'hants are grown fur man and
atock: man is the groat approprator. Where does that portion of tho substanco of the ear th which is consumed by man go to?

How to rouse the farmers of Englanl to a sense of their wants, their privileges, and their true position, is a problem of no small difficulty. Isolated as they of necessity must be, it is by no
mons easy for them to assemblo for muturl counsol: and it has boon hitherto impossilin to great budy of farmers know and caro hittlo for those questions which are diseussed by its learlers, alt hough thoso topicy have a vital intorest to every occupier of land. Thas inertnoss is being grudually broken down by elucation aud tho extension of agricultural assoctatinss, but it is still to be rogarded as one of tho gratest impediments to their progress. It is 12 fostering brotherly feeling or the selus of professional kuship that Chambers of Amticulture should find their greatest work. In this the usefulness of professional associations in a great measure lies, the body caring for, and, if mecessary, protectugh its members. This elument of usofulness slomld be kopt steaditr in viow by our Chamberof igricultues, and as tho suasonfor their montores adivances it is advisable to cull attention to the vulue of uatel afion. Whan ar import nint
subject is discuszed, agricultursts shonld ondeavour to be prosent, on the principlo that tho larger the meeting the more influential will it provo. Too often have wo hoard a farmer aay that ho coull read all about the moeting afterwards in the newspapers, forgettom that his personal intlaence in backitg up the opinions of the Chamber was thereby sacrificul. 'To say that as much is learnt by perusing tho report of tho speeches at homo as by hoaring tham dolivered, indicates a want of appreciation of the main objoct of a public meeting. Why, we
would av, is so littlo progro*s mado in the diectim of secure tenture for the necupher of land? It wis it that the quation of emmo preserving continues in so unsatisfactory a condicottafu a why is mot thatation
bromeght baforo lindowner: Free diseus-ion an. 1 tho expressina of definite opinions, suppntol by weindty argumonty, would do manch portant topics, and wo long for thu day when tenant-farmors will interest themsnlves in the endeavours which aro boing made in otho localities besides their own, for the adrancement of a common interest. Agriculture has advanced, but until more attention is bestowed by farmers themselves on such subjects as have bean named, With reforence to the first 4 testam-the tonum of land-hose is it powible that the wasmaces of the so. can be fully bownght wat by yearly tenancies? It is not in tho nature of things that it should. Further, when we romomber the monopoly of land which exist, it isat once cloar that tho randiord has the advantage in what is so often incorrectly stated to bo "an equal contract botween mara and matn." Let the tonat-furmers of Hirgland, however awake from thoir stupor, and demand a better a mole secure, tenure; a tenure which wil canblo thom to do juntice to themselves and thei country by rasing produco under tho most
favourable circumatancos. Then thoy will bo backed by a strong public opinion, and the landlord will give way in a matter which can be shown to be for their own advantage. Our system of largo estates becomea absolutoly vicious when it acts as in dras upon the production of food for the poople, and tho only
means of naking it consistent with modern notions is to securo the tonant in quat possession. It is positively sad to tind
the yearly tonnney and "good feeling" theory maintained by men of agricultural talk of improving land as it ought to bo improved, withont the inducemont of a long lease the matority of capital inves for samn liberal light in wheh it lua buon res.sudel

 tive men from at onen tho livise and the deal. It may bo long before the voots of such men are gencrally alopted, but they are tha growney opinions of tho day. The gond of tho many, nut the pleasire of tho fow-this is the inviacible weapon to bo useat. In concluason, we once more lamant tho want of that lively intorost in theso matters an tho part of farmes themsolves. Their contentment, instrud of beng lookril upont us indicativo of $a$ low state of vitality, in usod as ovidenco that no reform is required. Farming associations are yet young, and if their activo members can succeed in showing their less onlightened and worse educated brathren the importance of personal attendance at, if not of
actual participation in, agricultural discua much good will bo offected.

- TuL prive of What has ifecmed at 3 [ark per quarter during the week maltime qualities, and other spring cran and pule also slightly lower Maizo, however, on which horses are now larzely fed,
doarer. 51s, per quarter is the highest frice ai for foreign. -Tha beef trade has not
recent small dccline in prico, except for very Eaglish qualitips; but prime matton li now me been almost lımited to 'Trifoltum, Rye-grass, and Tares, for which there hats been a somosbat demand.-The Englisi trool trade las change little, and inlerior foreigu ia no dearor; bu
nturlit ees of Austrolian and New Zenland grown M hase advancel $1 d^{\prime}$ to $1 \frac{1}{d} l$, yer Hb , in concequens Messers. l3ridBuBy a Coor bay, of the,
maunfucturers becoming "keen compohtors,"


## -- The returas of acimaze

Board of Trade, havo just boen pulaphartment of boon practicable to obtuln froma all parta of EA and Wafes the information nocessary for th wetion for this year unthl the prosent dath view of mahing known as extly an pmaible the lars are furnisled the anticipation of the re detail:-
 The arreage of land in Great Britain under 1

 plst (ewer, it lisi'), than

- The Lee ls Mprcury publishos the report larze number of its Yorkshire correspondents elusion that notwithstandiner the variety of cultivation, all accounts agree, not only that the crop is not equal to an average of the last four ycars, but that it is hikely to be rus.
unusually favourable yicld of last year. is an average crop, oats are a deliant yield weather has been farourable for the ruot crop fool and fodder for cattle.

The Contagious Disenses (.Animals) owners of stock throughout the country. in the lot requires that any farmer or own shall give notico of the existance or any the proner local authorities. A rase was brough the masistrates at Oldham, on Monidy, whan foot-and-mouth cliserse nmone his cows. The tras ther, only hinted anotahe jine, The full penalty is $20 /$

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|  |  | thus consignel thom.

- The lingley Hall Commany lizve issue prize list for the noxt Birimuagham shor
Tho prizes are: The Farl of Coventry, 2in), of Earl of Aylesford, 1ol, cup; the Nayor of Barmith ela 10l. cup; tho Hotnl an i mikectmex, wilinea for the beit male, the other fire the best fum cattlo classes. Whe money prize monsist of 10 de viz , Herefords, Shorthorns, and Derons. Lo are honoured with $30 /$. 1 l four prizes; seven prizes; Welsh, $20 l$, in two prizes, extra classes, lol, in two prizes., for sidep tho Linen and Woollen Drane four extro
 10 as. by Mr. Nowdegate, M.P.; and 10 gs. by Messirs,
Mapplebeck and Lowe. The money prizer are 30 l , in three prizes, for each of the six recngnised breeds, viz., eviurusures appropriate prizes bre beides pigs medals. Full particulars, lowever, may be bad by applying to the Seoretary, Mr. Lythril, Now Street. The entries for stod


 late abut the des, rablity of a county show havas two deys for stock. When, however, the expense of
shedding and horse-boxes is considered, it is doubtful whether it is advisable to incur it. This matter is just a question of the cost being recouped by inctruction goes, one day is just as good for farmers to mhe comparisons as 20 days would be. Staffordghire

 on intluential Midland Counties Association, and hold a Week's bhow at each pribcipal town once in ten years?
If jrovincial aprimptural shoss are now requred, it is ohvious that this plan woult be more in accordance
 Countios the Bath and West of Fingland and Southern Counties sonctety Staliordshre, Harwhekshire, WorCheshire, would form a field for working in that Would be able to yield an exhibition wortiny of the Mulland counties, with Birmingham as its centre, as the county. At present, however, these shurrs are tuc numr rons to do much gool to their own county, and there is nothing forstrangere to see when they go. There
lase bren alout a dozcu of the-e slown this weck and last, the prize an.mals at many of wheh have been
the same. The Staffordshire meeting, however, has heen sucersiful, as county shows now bo. 'The cather,
we leara, from a report in tho Lirmintham Gazette,


## OUR LIVE STOCK

Mi. E. J. Schollick's gliver nothice that the sale of October $\mathfrak{E}$, instead of the lat, as previously advertisad. Strafford to important sale is announced by Mir Farras, Aylesbury, 1 Ir . J. K. Fowler has long been known as a breeder of excellent stock, and we have every hope that his coming salo will be well attended sale will he appred not yet issued. Wo mpay, however, state that the an that ammntey origin, with Kirklermgton ernsses an that amonst thent will be f, ind Enne rery tuon Walutt, Fantail, Seraphoma, and other favourate sonts Thee s.re now in uso is Milidicantre, bred by Mr Aakins, or Miscota
bred Hereford aattle will hold his fizet ale of pureshow of the Herefordshire Abriculture day after uhe Great October Fair. The event is looked forward to Fith intorest, and weare alad to learn that the entry disposal for his firat periodical mele. at 3r. Muchtum's
 the resulh was, on tho whole, satiolactors, antionturh on account of the adrancert age of some nf the cows for them. Thuss money than was originaliy given lime for 210 gg , only realised 110 gB , and Ame of Lanorster, onee sold for 150 ps., was bnnght for fi es , Fan-fan, a dnuphter of Fath and sir Janfes, berame lie property of Mr. Whyte, of Clinterty, for 105 ggs . Lord Sudeley was the purchaser of Seraphinn 13 th and her two daughters, Seraphina Corisozma, and Booth's Seraphina. Nineteen cows and heifers realised an

1 large number of catile brectlers and farmers were present from all parts of the kinglom, nud the whole of the stork was dicposed of mithout reserve, Mr. Darchas laving sold has castate. The followiog is a liet the prices mes of the animals sold, of the purchasers, and

Aame of Ammal. Price! Name of Purchascr.
Corre and Heifors.


Sheep. - At Derhy, in the Shropshire Shecp Claw, Mr Willoughby Wood gecured the lst place for rame, in bas been so frequent]y victorious the sepann, In the
 a pen of rery fat alcep, thought by some judges
fenient in "chararter," and nint nuite so
 cye, and this rartiality for fat in judges a class of animals intended for breeding purposes gavo rise to
some little discontent. Ficrenn y'eaks or writes
 yet the evil does not dectease, and hence many at our
bat Urceders uhi not ramut.
breeder writes to us as follows:-"I connuonn succpareeder writes to us as follows :- I consider it buying
a prize ton dear to spoil one's best breeding animals to
obtain it" While speaking of Shropshire successes, we may mention that Lord Cheehmm took the 1st prize for yearing rams and for yenting ewes at the Intarnational Exhibition it Altona Koniystrasse. His
lordhip sold one ram for 40 gs , gad three exes for 10 gs. each during the show. This is sery satiafactory, r-permally when it 15 remembered that the Latimer
flok has been established but a comparatively short time.

RECENT R.SM SALIS AND LETTINGS.
Ifrinestor's - Mr. WV. 'Perr. of Aylmehy Manor, Leld his annual menting on mpitember anerneding to on this nersaine san.e of Mr. 'Triry' Hews and the pricely learn that. - "Mr. Thorr had redued the number of his mams to acrommordate the logsening ilemund for specimens of Leicester sheep were never exhibited, and
thase were let at remunerative prices. Some of shown were the progenitors of successful competitors various exhibinons of asricultural societies, and one of them, Quid, Was the sire of the winuer at Manchester. Major Taylor took one sheep at 29 pa
and anotior at IO ps One whs let by auction by Mr. Thoraton) to Mr. Maw at 20 gs , the opponent筑保g Mr. Harrison, who then hired one st 12 gs The highest price made was 35 gs , and the loweat
letting was at 10 gs . The everace for sole etting was at 10 gs . The everage fof seven wes total number let on the day was 29, and there were also applioations by letter." - The larko sales in Scotrrak the pre lace ast weck. AT Edishurgh on Thursday
 belonging to Mr. Bimson Blainslie, which wes commended at the show on Wedresday, The purchasa
was made for Mr. Balfour, of Whittingham was made for Mr. Balfour, of Whittingham The ram, also belonging to Mr. Simson, placed $18 t$ on Wednesdar, nd lst at the Highland Society's show as a lBorder Doicester shearling tup, was purchased by Mr . Hunter, Mr. Smith, Castlemains. The Glasgonging to

 price made was 19t, and the average rice whas $22 l$, and the averag it los Mr. Smith, lowh averace was at and, with the ys ee abcere named,
 week the and areat annual sale or It Kelso last half-bred rams, under the auspices of the Border ITnion acty, "ommenect in the Inchl Park, Thero was a large atterdance, including proprietors and flockmasters from distant parts of the United Kingdom, and also from Canads and Australia, There wero four ring: placed at various points in the park, three being for tho sale of Teicestor sheep, and one for the sale of lalf-bred ramenster total of $1-\mathrm{in}$, last year the number resenting 8 krand there liac bonn a decrease this year of tis 1813 , Bo that ing ate the princinil prices mado:-Tho fot belot to Mr. Foster, Ellingham, sold well. One was sold a Blaipslie: ©ne art, Oxenriz; one at 102. to Mr. Simson Biamsile; one Mr. Angus. Whitefold, stephouse ; and one at $20 l$, to Mr . Angus, Whiteficld. Mr. Roberteon
sold the ram that was hiphly commended at the ehow Coldstream on the previons day at 24 ., while the tup that got the 2d prize, which belonged to another party of Jr. Bell, Linton, was purchased by Mr. Bell, Fans priced ram to Mr. Mummaden, Northumberland oit In the Rev. Mr. Bosanquet's lot, the ram which

 Mratquis of Tweeddale at sol. The Mellondean sheep, which have long held a leading place at this sale, oame surrounded by a large company. The highest price ontained was antained at this salc. It was purchased by Mr. Cullingwood, Lincolnshire. Mr. Bruce, Aberdeen, at 301 .; Mr. Torrance, Sisterpath, one at 31l.: Mr. Foster, Ellingham, one at 2at., and one at $21 i$. The Polworth's the highest obtanem at this sale. Inrd by flockmare gend the chally crowded When the sale is going on, On this onpasion, crowever, they were about the lant on the list, when a kreat numher of farmors had left, and hence the average and rice Was tel., purchased by Mr. Villiot, Inilybush; cott Buak, mog, purchased one Mr . Thomir. Butherford, one at $30 \%$. The following is a list of some of the highest and average prices obtained :-


Border Leicesters - At Mr. Barclay's sale, at Kenvil, on Tuesday, zome of his sheep were dirposed of. The tups and tup lambs met with a ready sale, at from 58\%
 62 100. each. The females male. Lhe ewrs, from (i3e.

douthdowns.-Lord Sondes? fourth manesi mio took
place on Wednesday, September 8, at Elmham Park, six 2 shear ditto averamed 161.9 . . The hughest shear
 ewes and wether lambs were also let, inn stiearling ewes, $113 l$.,
 6.s. 3d. The highest pen of sherling ewes realised
 Statropd, he.d, on Monday (Sept. fil, a sate of the proluco of his flock, which was started from good stock about 15 years ago, Amongst the prices given for rams were

 ewes were inw in condition, and realised from thes, to has been uorkins up a flock of this breed for ahout to Duke, a takcar, by luake of Kent, which was let for Earl Howe, at $18 l$.gs, Then followed 16 sheserthe dam's side. Mr. Swann, Odstone, gave 17 gs. for one: Earl Howe, 16 ks ; Mr. T. Drackley, $15 \mathrm{gs} ;$ Mr.
 lings was within a fraction of $12 l$. eacle-At Shretssbury, no Thursday week, Mr. Preece held bis
second large sale. Amongst the lots were to belong. ing to Mesars. Crane, one of which was lat at
51 ps , another at 30 g 5 , three others at 20 gg .
 ranged from 9 to ${ }^{23}$ es. eqch- - 1 shearhing of Mr several ni Lord II, de Brokers ran from 9 to 1 gigs, each.

 rams mado an ayernep of about is gis. each.
Colsooldy - Mr. W. Hewer had a sale inst week, in

 at Cadsby Hall on Thursday week. The rams are descended from the Biscathorpe nad old Hagnaby flocks. The 31 rams reatised $115 \%$, iss. ord. being an average of $13 l$. 8 s each. Nos. 1,2, , and \& fetcled the
highest prices, and were bongat as follows - No. 1 , by Mr. Wright, of Wold Neiston, 21l.; No. 2, Mr.
 1oll. 14s.-Mr Iles, of Wrik Kirby, Marsh Chayzal, at Caston last week. No was bought by
Mr. C. Nainby at $13 l$. No. by Mr. Empon at $20 l$. 111. lios. Mr. W. Iudson bought No. 1i at 1 g. and No 10 at $1 \overline{7} /$. 10 s. Do. I. Was boukht by Mr GooseNo. 13 by Mr. iswon at 10t. $11 / \rho$. Thn avernge of the 26 Fams was 102 . 12s. isf - It Partney yir on Saturday
the usualimportant salesnframs tonk plare. There were
sheep from sevea diferent flocks, comprising about 2 to Very supertor rams, nearly all shearlings The Lanpton
Grange rams, the property of Mr. Harwood Markinder,
were ofered by Messrs. Jriggs. The 31 rams realised
 rams, belonging to Mr. Kemp. were 37
numher, tho average for which was
in There were 5. Mr. Malethorpe bruphtit one at lit gs. Mr Pr, Mr. Donning one at iul. is. Ud, and Mr.


## AGRICULTURAL MEMORANDA.

1. The Ifarrest.--I have been absent for two months in Hungary, and was therefore ton late to reply to your eircular as to the crops From what I now learn, the
defictency in Wheat will be very great. Well-farmed lands of good quahty and thoroughly drained may produce 1 quarters to the acre instead of 5 ! quarters of average years; but many acres, where if quarters are usually reaped, will not this year exceed 2quarters, and when cold and wet, the yield will be still amailer. sown spring Beans are fair, the later sown Peas have suffered from smother-fly,
Tue extreme beat and drought of August hare
most promising. This injury is much smaller where the subsoil plough has prepred the arable land to retain its moisture; and there, too, the Swede Turnips have Dairy midem, an 1 moy yet make a far ayeraze ernp dry weather since has checked the supply of milk. All otherstock, whether feeding or store, has done well which in your leader you deservedly praised, the author recommeuds 4 -feet drans under amost all circuraimpervious subsoil. I believe that the Enolosare Commissioners are inlluenced by a proference for drains 1 feet for loans for the improvement of land. I was quite familiar with deep as well as shallow draining 50 years drains are required to be as near cases in which the ther, the subsoil is so impervious to water that a drain of 3 feet is as ellective as one of 1 feet, and much less
costly. I have watchod druns mule in $18 ? 1$, of $f$ feet and 3 fect $G$ inches, in tho same field, and 1 have never seen any advantage there io tho decper irsin. that drains of 5 or 0 feet drew the water from areater distances than 4 feet drains in case the measure into which they were laid was open, but for some jears I thought that 4 feet drains, with 10 feet intervals, were sufficlent and the cheapest. Having 200 acres of meadow to drain and irrigate at a time when I was unable to superintend it myself, I engaged an engineer to undertake tho work. He obtained a depth of from he placed his drains 240 feet apart. The cost was at least 2001 , less than the 1 -feet drain would have required and the work is so effectual that the land is perfectly dry in 24 hours after a flood has run of it.
keep in order and I think at that don drain to stream of water through them for more than 10 weeks in tho year, they are less liable to be injured by animals The paper to which I allude speaks also of necessary can penetrate, at least loo tumes as fast, so that no anr loles can be ne cessary an 1 may be miserhievous, as on-
 ear is grown upna land whach was necupiel by
Lucerne for 11 years previnus to asis. In the tenth
sear th was as noluctive as in any precoding sur but year it was an proluctive as in any precchang star, but
tho extreme wet of 1 sis decayed tho ront, and I was obliged to plough it up. It gave me nd quarlers of
winter Beans to the arre last year, and a very heavy crop of Whent this. The Lucerne wad drilled at 18 -
inch intervals. Tho soil was ploughed between the
rown twice in the winter each year, and kept clean by rows twice in the winter each year, and kept clean by
the horse-hoe between the rows after each mowing.
We mow usually three times, a hot year, gives four

 Wcll in Lincolnghre with lw-inel intervals. I followed good piees of Lumerne sinco. I fad the best manure is nightsoil and ashes, of which I five 12 tons per acre,
and it leaves the land in splendid coadition, Charles and it leaves the land in splendid cond

## AGRICULTURAL PROGRESS.

Ore text naturally turns attention to the cultivation machine in our hay and corn marvest fields-sewage farminy, with the other leading and great advances of overlooked, and it is these latter which we propose for discussion at this time, ${ }^{i, e, \text {, the little impravements }}$ will steam culture and the sowing of sound seed, free from weeds, render the hand-hooing of corn crops
ungecessary, thereby effecting a saving of from
 two of which were not hood, the other waq, and
the former were by far the bert crops. They belong
to threa different farmers. The two unhoed fields to three diferent farmers. The two unhoed tields
oxemplified the benefits arising from deep tillage
and purs seed in a very striking manner, while the
other illustratod the old plan of shallow tillaye, weeds, and hoeing, and we quote the three examples for beveral
reasons is list, bearnee nll were horse-tilled, and on
what is hero termed light land, in contrast with fields was rolled fur the reapingran thine - the practice in hary ent bo.nis th cut low whin the byging 3d, when we remarhel that thas practice was eqeeptional, and did not apply generally, and the practical question arose as to the propriety of rolling such land "Put my teams in this 'ere field in April? Not for the life of me," which is plain Enmlish, and yet something must be done. is for rolling the other after hoeng, that was thrown aside ats hopeless, even by steam, in the mayority of scasons. - On n similar quality of land, cultipated by steam, the secondary or resultant
umprovemente, as they may be termed, are still more favourable, but not so great as on clay soils whose tenarious and bindog character $1 s$ gradually becoming changed by the improved drainage, atration, and action of manures, and also by the greater diversity of crops "e have pot to consider, are not one, but many. Mowing and reaping-machınes are changıg greatl
sewage farming is also producing fruits far bey the limits of town sewage application.

A penny saved is twojence wained," says the pon and hand-hoem? 1 l

## the sowing

and then of the
 oid practice, which bespeaks its own short-s12 bite rat as to meet all the
when grown without safely be granted. When land is only culessated depth of plongh furrow on some uadraine
old praction roots of the "wh obligel to search for their food laterally rulls became esscntiully necessary to promen hatera! fumaluatwo at Bots But naturally

## ore, <br> 

cood; and this 1 s just what they do when inad i, dee purified by drainage and aeration, and fertilived by application of manure and they have fulfille l decir function growing plants. By such means the roots penetrate obtain rood far below be seen by carefully d. with a spade. The advantages thus ganuel more readil appreciated in eontrastod wel formerly experienced when tho ronts were confived a few incues on the surface ovor what may ba herm a poisoned subsoll. The seeds or weeds must of cous be nown before they can veratate on suech land; it pronazated. It 15 not quite so easy to account satide forily in every pari for the rapad manuer deep stam fillage is now getting rud of them on soils where ll previoualy grew in great abundunce 'The fact ita experience of stemm culture, and the fiet is all thas 1 eve with on the present seckion.
lhe impro vement of land by steam tillage is a m of progress, and an it arvances, litany weeds gradas grow, and the fact is an all-important one to the sta allaro farmer.
In sorothand there is harily moth is that as a how hand-wpeding, and the proper manuring and seed of the land. There are no doubt exceptions toth with 'Thistles, 'Twitul, Knot-grass, and Cnarluck; the area of land thus infested wanmually becoming dramed, thet practiee of deep plouzhntip $1 \pi$ authan Whath has ben experieacerl sinte thorough ata
 very imporfectly drained biat, relieved from the tram ling of the horses' feet by the sabstitution of stas dramage, is being greatly improven.
The next question is the rolhnir of corn cropsi he reapmon-machine. In the north, where ho veat, and hence the time for roling, is cond the same time, tho trampling of and ine pittina, or cootpria clay land ong furnsined matter for loud complant wet, advantages of a steam-bauled roller call for ties of Encland, where the reaning-machine is unfrequently in the field before the roller 13 out Where hoemg is the practise, as it must rontmus plonghed some or bo itnches decp, the work, if pip Some farmers, who mowed short with the scythe introduced (we ourselves did so), always at aded t spring-sown corn there was seldom much difl
attending the work, as suoh farmers grew
paratively no weeds; but with sutumn
Whent it was often otherwise in seasons
the past, the horses' feet and roller broth at the time. But were hoculs imoly the period of rolling would be exten le ! obut it and is suili 'iently dry to carry the horwes' Unler the old prastice the roller was put over er doing away with this crusty state of winter lands, by elanging their tenacions and bue charaoter to that of friable loams by the gdmiesul vegetablo mather at axidar ar mat passing of pulverised state to meet tho reguire of the young plants.
liet no one run away with the untimely notion one year's sucnessul steam culture, or cren balla years, whil eltect suct changes in atubborn chay the month of March, for every successire year got adding to the change until it is completely effecie three may be required to subdue the more
snd binding cleys of our southern counties; but ohangethe land must when continuously stirred up by steambelow by efficient drainage.
The greater efficacy of manures is perhaps not wholly uality of the manure reguired is, and both merit vated a few inches in depth, the manure, from its being was liable to sink may not inaptly bo said to have been Tas liable to sink may not inapty bo
"Death i' the front, damuation in the rear
the waste from both causes being great; but the greater nearly the depth of the drains, not only obviate waste here are chemical ohanges otherwise effected by deep thliqge and drainage in favour of eoonomy: something ing from proper steam tillage will in theory remsain a
seuret, sitiough in practive it is realised. Steam tiliake produces from one to two quarters


 the common belief that stock do not pay for their heep,
but whether we adopt the hspothessis that the farmer lises or eans by kecpung stock, the bulance deverthe
lesa turns in favour of steam tullate with the other moprovements at lssue, owing to the richer manure But, exclusive of the manure, we have always made mooney by stock, i.... procured the full market value of
the produce the cattle consumed. Many others do so, and therefore we diselaim the old theory that bullock and sheep aro only at the best " murk-making mathunes to the farmer," It the present tume at all events, they of beef and mutton), and the general conclusion to wheh attention repuires to bo called is 1lsat steam culure is seming mrire feef and mation the market bethe thr same. Other thapss, louever, are not the effects produced by the late murrain in black catile
but such does not lessen the force of the arpument one ist, but the contrary, for the improvements in tillage and produce are greatiy in and cif contaginus disease by, in anme messure, removing or reducing the action of the
predsposink cause. We now come to notice the clange in the dotails of
tedder, and horse-rake, where a considerable saving of
manual labour is effeoten, besides securing a boitr quality of hay in less time. In this case the sdvanin tanking from 2 to 3 acres of hay instead of one, with
ho oll humber of hand. In fine haymaking weather mory whall this oan be done by the hands, so that in 2 heary crop of meadow Grast the carryizg, it care is tedding.tnind the nower. To To time the eeveral maxhmes to eaeh other and to the wnather is often
no easy lavk, so as to proluce the finest possble guality of lay, and effert at the same time the uremtpst feonomy in labour of hands and horses in mahine kye-grass machume 1 not used whie the nay, as it is masle, is put
up into smatil cocks. where it can roman untal the whole tield is seccured. It 15 more ens. in this cawe, to proportan the ditferent branohes of the work to each Ryc-crass are lable to "ronst" or burn, as it is hands are required to turn over, oriang-machine. As an
 farming, so at the present in the hay field farmers are serving an apprenticeship is progress is fast being made, and a hipher degree of perfection being attaned every successive year. Farmers, therefore, reepine to for tim bemt of servants are lint likely tow arrise to:
soon at perfention in the worhing of new marhines, nor,
ne rapecatas as as 10 the econcmy of time and labour
The reaptng-machine is also giving farmers the power of cutting down their crops in timo in com
harvest. But two thinge require to be attended to in order to reap the greatest success; viz., ist, nitute foreunt be ripe at one and the same time: and, 2a, the haripat rractice the sehoomaster is unduestomably abroa 1. In poist of fact, the latter may be sald to be a be cut, atd are cut down in raphd survession with the reaping-macthne, and when once ciat starking fillows,
So douht, in tine weather the shearra will not sutlire much harm from being an extra day or two in the stook, but such is a rery unwise expedient, and should never be trusted. Nor is it necessary tuat it should
be so as a rule, for in seed-time it is ensy to make the necessary provieion for harvest in the different kinds of corn and times of sowing. In point of fact, it has long been done by those who do the whole work of harveat

THE TRINSIT OF STOCK BY SEA. Tre evils which afllict the sarious classes of stork durng transit by sea are maniful. To begio with the
deck, the first seriulus evil that prents itself ta the
allonost thtal want of shelter purne two or three months in summer, when the weather 14 marm and fine, the want of this may not be much felt ; hut let tulen 1uto the vessel aud watch stie progress of the elfeoss of exposure (intensified undoubtedy by the
want of food and water) ; see how they first begin to look cold, sud their coats Etare; gradually their baoks beain to aroh, and continue to rise, while their bost ; their feat and legs become numbed ; snd, after two days of perlans more eomptete pioture of misery it would be diffizult to find; while the discharge of

 stormy weather. I have ston on the bridue of a
stormat and watchet how, even in a small storm,
teamer and vessel from stem to stern, and with a iorce whuct only thoe whon heoernarienced it can fally appreciata; and indeed. This state of things may not occur in every voyage, but it does occur sufficiently often to call for applear; and the following sugzestions would perlaps thelp somewhat towerds so desirable an end lat, Let Cht pens have liybt rorrugnted tron (ealvanised) roofs atandards at prosent 11 sed for tho bnardung would be forght, and a toprail adjed to receise it od. lu sindy or rold weather it is essential to protent tian animals from the sween of tho blant. nnl this miaht readily be done by tying a tarpaulin along the fide of the pen Alone the bulwapl
Along the bulwarks a light roof, as suguested for the pens, might be erected by increasing the height of the faxd, keeninz the insinte hieler considerably than the trirall of the balwarks, to allow witer to ran off. Then, instend of a hawnor s ank, a light rin-e bornded frce of the What to the anima: and alon keep them
serious objeotion to their uso. In the hold, the first, and perhaps the grenteat, evil o the stoolk is exactly the reverse of what occurs on deck; fresh air is the great desideratum. The want of nd stench, jren line remilt minre disastrous tirau even ever, whel. it in th the feared more frequent
The condition of a hold filled with cattle or sheep, 2 Cew hours after they lave been! ut in, must be actually not be enntent wits getnz merely duwn to the fint of the lad ler, or even taking ano or mren alation arde rienced naturally shrinats, but let himg greppe his wing in the hack warners, where noll ins: "qn be teen, hat breathing and constant moaning of the unhappy brasta orily too truly indicate thetr sulf rintes, and wo believe one will turn amay slek at heart, and astonsherl that the animala can endure it. Tuen wher a storm comes, and the hatehes have occtsionally to be closed, for howand the hatoher have occusionale are a thousandfold intensified
The hatchway, and the sheat for increaring its vennlating power, have already been notiood; and, while other arrancementa must be devisol to bring these holds unt to even ar maderate state of ventilation, the hand- The fullowis method in stazenten - II rids nin lons smiar tust be made sulherently numerous to thoroughly ventilato a hald, with the help of one or two openings through tho deck, for the escape of Fery effectual; but, of course, the windows could only
be used in comparatively smooth water, and therefor be used in comparatively smooth water, and therefore in these upper holds as well as in the bolds which ar befow tho nater-lina, mothios se good as the multiplication af ar-pipes, simular to thoser no thea toventi ahout 12 infhes in dameter, are ralser abol in feet which are curved forward un an to tare the direction which the vessel is cathme, th:un meeting the chrrent amused by its paseage throunh thenir, inter crit. ne it, nud conveying it downards. A row of these maght be placed along the eides of the vessel, tsuftioient aumber of which couth wooder movable tubes, or gutta-perohs ones, which, when not in use, woutd cocupy very little specos
these would be in shape preciely the same ase but the bell-shaped mouth would be curved in the in thera wnuld be to quicken than discharee exterasl air them. Movable connecting tubes might be used to carry the foul air from the lower holds through the upper ones,
nation of the anr in the latter
arrangement would be, the at a current of pure of would enter at the sides, and as the temperature of the air in the hold would nearly always be lisher than that of ho lowest parts, and would mass from the sides to to centre, from which it would be discharged by the the ar pipes. Thas ciretulation would bo established, and all that would remann to be asoertained would be th aspacity of the tubes required for a giver number o altte or fhemp, tr ctext thorough ventilation. This Intter question would soon be selthed by pruetical expe 12 inche but, in the menntime, wo suggest the down-pipo apacity, for 10 djameter, and one up-pipe of similar urther zngr overy five cattle or fifteen Rheep; and we he made mornhle the mouths of both sod of pipes irom, the direction in whech tlis rimerent of extemal
 evils to be noticed a cfoot both the retook on deok and in the hold - vis, the want of fond anl water. For stock
that are only ti) be on board the wteaner fur not mote than esght or 10 hours, the want of foul for mot moro much consequence, unless acomipanted with severe exposare to onld or wet, and therefore the following remarks are intended to apply rather to stock whioh are to be a longer time on shipboard; water, however, we are inclined to insist on ior all slock on thand are beat to bo supplied brieg up again what has been aiready alluden to-the usual method of seruring the animas, cattle and horses, by trink their heads as closely as possible to a ring in the side of the ressel, and hy plucing them so clowely togethor that arems to their heads is almost imposatblo. If surn is to continue to be the arraugement of those anmata oll bantil a slequer, the supply of the to has anfies of hif to them will continua, as it. hutherto has been, practicaly impossible; but wal believe a absang of arrangement, and therefore, os a prolminary to the mata question, we suggest a method of effecting this For the cattle on deck, let the standards and planks a littlo stronger, mid more senurely fixed than they aro at present, and the anmal's position may un reversed, no in the bulwarhe. Fiur the eattle in the hold a one in the bulwarhs. fiur the eattle is the hoid a
 with case

As to the kind of food to be supplied, there msy be differences of opiniou, but for general stock nothing of horses cattle, and sheap, and which to the renommendations nf being chean and easily obtained in most piaces, Audus this properby-that is nature fis simpla manas, viz, a net made of tarred cord, and for cattle and linssec in the form of a bag contanuing 5 lb , the net wouli reriure to be mads oblong, of sufficient lenpth to strethli surnss, secured at the ends to the si les of the pert or hold, an ? supported by light stakes when nerpssary for hories and cattio, a barone should be susprnied alongside of each anmal's head: or, if made a little larger, one between each psir of stimals might be found sufficient. The nse of nets in on the north sade of the Tweed than on the sonth side; but from personal observation and experience every confidence is felt that the net in one form or other, is capable of being adspted for the purposa in view, and. that it offers greater facilities, when the requirements of a eteamer sre considered, than any other apperatus yet tried. Its chief advantages are these-it is portable
and very cheap; the hay, once in it, is secure irom and very cheap; the hay, oncern the beat vehicle for
 tue least yossible roons when not in use, it won't
become sour or injuriously dirty, and it will allow the sparuals to consume the food with less waste than an ordinary rack, While its use, sugeasted, would pluco the suppore, without hesitation, suggest it as the best apparatus for supplying food to stock on board ateamert. The supply of water, fortunately, present muad reversal of the animais pociton, already sumpested as siac wil martioe-tank be crected on come elevated portion of the steamer (such as the small pertion of derk tanclly buil over the boweprit), if possible, ientay higi to send water by eravitation aloog the deck, the suppiy of which aione requires the elevation may be supplied frum tue general tank (probably nogine at any time, and from it lent, by belp of the the deck, near to the line of the heads of the animals arranged alody the bulwarks and sides of the holde,
gutta-percha pipe can be screwed. One set of pipes
would supply both the deck and upper hold, the lower hold being supplied by a set of pipes laid in the floor above it. With such an arraugement as this, the easy. To effect it, the cattlomen, keeping up the service-tank supphes, anul havices scressed ou the ruttiapercha pipe 10 or is feet lon $\pm$, wolld tahe it in one hand, ald with a mil in the other (hight mosable beast to beast, supplying cach in furn in probably not more, on an avarate, than one minute each, and this woud be quak enough for all practhess purposes.
likely to be made is on the score of expense; but even although it entailed 10creased storage tank-room, the whole apparatus for a large steamer could not cost a larger cum than would be repaid tonfold by the bencfit
to the stock; and when it js further considered that to the stock; and when it js further considered that
water might thus be supplied without interfering with water might thus be supplied without interfering with and that quickly and conveviently ton, the matter of expenso becomes sery snall, and does not appear as a
very ereat objeetion to such a mode of supply, and we very ereat objection to such a mode of supply, and we
therefore sumzest it as tho bent arrangoment poss, ble in the circumstances.

Tue only other evil of this mode of transit to which we can allude here, is the knocking about, the falls, lation, to which cattle and sheep are especially liable durinu rough weather, and which appears to be simply, as to the last-named results, the edfect of over-crowdias. stand, and when an ox falls, through its fect slipping on the slimy boards, the chances sre very great that the shemals next it on bith adcs will be tod when it is remembered that the anımals standing tometuer in a row press mutually agamst each other the moment, pressuro tends to fill up the spare left, by puchung the adjuining beasts unttl they spacet over the fallen one, Which then has srarcely a clance to resand its fpet, even when these dont and in a storm, the confusinn becomes 1nextricable, and the lises of three or four aniruals are lost through such a smali asceldent as the slipphng down of one beast. So much is this felt, that almost the
whole vigulance of the cattleman is directe 1 , during the voyage, to the one object of keeping the beasts on their feet, aud the duliculties of achieving it can only
be fully realised by those who have witnessed the be fully realised by those who have witnessed the effects of a storm on the occupants of the hold. As a
remedy for this preat evil, we suggest that, instead of a division plank to every tenth beast as is now usually allowed, a similar plank shall bo fixed between caoh
animal. The advantages of this would be very considerable if a beast did get down it would prevent its neikhhours before it had a chance to get up aqain,


 to the introdurtion of these plaths, that surh in
system would fix the lants of the spice allowed to system would fix the linuta of the spuce allowed to
each beast, and that a large antral and a small one would have precisely the same accommodation, further, that these sarmals would occupy spave whell might be better employed. To the first of these it mas be viow to the requirements of the part.cular station on which they are to be emplosed, tho descriptions and average sizes of the stock uvally consered could be ingly, and that as the fixing of the sparew woull lecreent overcrowding and al, its attendant evil, a Rreat adrantage would thereby be gained: while tho greater comport and security of the anmals wonld more that all, would be comparatively tritina, cosly an a litition of 3 inches (the thaxness of the plank! tor pach beast,
whale 1ta onst would be very tritink Mr George Whale 1ta onst would be very thiting Mr Gearge Agricullural socsely of scolland."

## S. 2 ome correspondence

 Winter, Oat straw cutinto ohaff, with plenty of roots; in spring, green Rye, Such food will keep a dairy in full pronit if the cows are minamed ao 25 to mive in March and of milk durme mine menthe, an will be dry for three
 Therefore. 3unt quarts of mili will give e50 lb. of butter and ibe and the cheese at id. per lb , then a aingle cow would produce in a year,

## In ib. of prster at Ix.


 pomen 9 s , per week, they would cost in a fear is follows


| 14 | 0 |
| ---: | :--- |
| -10 |  |

Total wayes
of 100 cows
f. In a dairy of
dying in the year, worth $5 a y ~ 15 /$, ench, or $30 l$, the pair
5 . There will be no loss on solling the cows when wor out, for as every cors is ury for three montha she can 6 fattened off and sold to the butcher without loss. off at three days old, and will mot dn much more than pay for the bull. 7. Tho crpmen!
a dary of 1101 cows may be put (own ast loment, the onteront on whien, at sper cent., whll be sill. per annum taste Jor dairy furming could arrange with a farmer to gettine the getting the manure and the whey, then his dairy would
cost ham as fullows cost ham as foliows

 the amaual prolute would be:-

21苞0 0
to pay for oareful supervision, or $13 l$. per cow per annum. These figures, no doubt, are a little surprising nevertheless all the data I have assumed are well
founded. and can be proved in many ways. The real fact is, that the success of a dairy depends wholly ou crreful attention to details, and it is the want of that care which makes many persons fall in carrying them
on. If cowsare not thoronntly milked, if milk is allomed to go sour if butter is allowed to get bad, if curds are allowed to spoil, or if cheese is injured by had making, all these things tend to bring down the profit at the year's end ; but, if a dairy 18 properly superiatended three is no doubt of its being the most profitable extraordinary cow that yelds 31010 ruarts of milk per annum, and no man ever
Filaria.-I have now 57 cattle suffering from "tilaria" in the throat and lungs. The application of dulficult operatione and on hot bricks 1 hind is a verg tells me, pure carbolic acid is rather costly, and then I fall to hind a suitable horel or barn in which to apply the remedy to is head of mattle. If all the needful requirenents were obtanned, I learn that the apphicathon needs the nucest management to prevent sufina tion of the cattle. The medicine we are now using is of water, and civen to each bulluek every morning. The cough is becoming less husky, and the skins are beginning to shine a little. I therefore decide to con-
tinue the dose until I hear of a belter remedy. John tipue the dobe until I hear of a belter reme
Fryer, JIanor House, Chalteris, Isle of Ety,
Period of Outting Corna.-I neter



 prevalls in prantire is to Coats, the amme diversity io observable ; but not so much in Burley. It secms to ripe before it is cut, and that this rineness is indicaten hy its beentuing ", goose necked." B. .I. P. You will find Mr Hannan's observations and experiments on arriculture. W'beat may he cut when you canno squeezo any milk out of the mran. Oats should be cut while still greenish Barley should he cut when alk of one ripeness, and therefore not till all dead ripe
Harvesting Corin by Machinery.-In reply to your bquirs as to the cost of catting, stooking. and raking the Earl of $\overline{\text { I thand's farm at Ayke durng the fate }}$ harvest. The reaper has been ued on the farm for
several years, has bark-felivery act.on, and was manu-
lactured by a local implement lactured by a local implement maker. The whole
qurntity cut was 80 arci- 25
Wheat. average orop 9 Barley, full averge; snd the rest Oats, , Intht, whth wes cut in nine days. The oost per day was $2 l$. 12s., as


Nine days, at i2s per day, 23/. Ss the tent of the emploged for the reaper, eanh pair working lazel a day and beng employed in other work the reraming lalf The hours of labour on thus farm are-for urn, from from $8 A$. to : ${ }^{5}$ ir , with one hour for dinger. The three men were not, artually stonkins all day, but wero
ernazed in removing the corn in front of the emper betore the arriral of the women in the monning, all of
 Inquirer, in the Tinfer, revi
Wheat by givme the name of the to this latad siceld of on which the crop was grown, with a certificate from the corn merchant who purclased the grain, of the
berng the produce of the feld specited. 'l"o this requit
Inquirer" added,-" $A$ confrmation would disin multitude of sceptics, amil be an answer to the depp haryest reporte. the $r$ estimate of the Wheat hartest reporte the r estimate of the
irrespentive of the Ruvete Wheat an arrespentive of the Rvetio Mherat, at 3: busheth

## ing for ant practically benefit both landlari



Corn Reports, 1869.-In an article under that heading 11 your last issiae, and staned Soha fow Horton Hall, warwick, 1 am representer as min suated would prove very little inferior to that of 188 usve made no such statement. Indeed, what state was as dillerent from the gbovo as possibly 10 busbels per acre, or isy per cont, uader last crop. The other assertions-I cmmot say criticia so unscrupulous a writer, are not worthy of at James Sanderson, 11, Pall Mall East, S

Foreign Correspondence.
FEF KEaLaND - Mr. Suirn's Berrded Wheat arve further examinul the spectman of hearded Heary varn a notice of whicll appaned in journal for June 26, $p_{5} 696$, and find that it ian tha rather inghter in colour than red un heat usually adur and differs only on laving a beard about oue-tbird I the

 same or nearis the same kind as far as rebards Crard, appears to hate chymutel

## wivett 3 , and that when lie readed in fineriss git

 Chester county, New lork, was bearded rea $W$ the beard being two-thurds the leagth of Ruvett kind as our spring W"heat". This Wheat, homell he informs us, was not very remarhable for ta prods tiveness, ${ }^{0}$ quarters ler aere beine con-ldered avield. I therefore consider that the mont rems of abie rharacter of this Wheat is tlie incrented numb No the most part are four cet, 21 being a hugh number m
 ear contans so many ap.kelet a it is not clongated si

fors would be; fur it isonly in inches lonz, and an a square dense mass in this accoulit appears the more likely to be ra really new varety. deop as any red Wheat we have ven. Mr. Nairn it
that "tt is a very heavy oropping kiad, for with
bad farming it has produced 75 bughals of 62 lb well


 being introluend into that country srow with m more wigour than in lingitur. It atercrese


 the first time, but eyen then the $\frac{1}{2} \mathrm{l}$.] wonld be os nformation, and it would be interesting to whether this Wheat is less liable to muldew than kinds. IT.

## Societies. <br> <br> Noctelicilike

 <br> <br> Noctelicilike}The Agricultural Labowrer,-Mr. Petw, M.P., said : It it regarded the condition of the agricultural rather loose in character; among others he noticell the rther day the absurd statement that when finter came ronnd the labourerg who were employed on farms in a
coptain county as a rule retired into the workhonse. With renard to education, l'rofessor Leol Levi, 10 a
remarkable papar he read at a reeent meeting of the British Assoenation, pointed out that the condition of
the arrsultural jabnurers in this resfent was not so bad gs some of our manufanturing drat ricto. They drd falls supposed. This extraordinary papuer of P'rofessor that out of overy hundred wornen marrsed in the
county of Rutland, which whs altogether an agrtcultural county, no less than 81 were able to write their county-only $5 i$ gigued the register: an advantaske of instit itions were kept up. It might be that educational

 did not wish to say this as a reproach to Lancashire and say -having carried out the fipures beyonil same basis (the liegistrar (ieneral's return) that the lutland II was quite aware, no man more so, of the enormous difficulty there existed in keeping up the Where thousands were ongaged, as compared with that where they had to deal with scores; but still agriparison was made, the condition of those they employed showed to their advantage. One word more edueated, but they must bear this in mind, they, in the House of Commons, as weil as thow in the pper consequently conld only attempt what they know they could carry out to same prattical end. He dettied of education and pointed to Professor linvi't fizuren as irressitably proving the contrary. What was it advanced in the application of macminery to agrseutural purstats as the manufaetureps nere to the goods the ciroumstances of the two. Un lund they had to
pass the implement over the surface of the ground,
 cultes which the manufacturer had not to combat Hu
 the astroulturnt still had to rely on to a great extent,
Wis the thy-imal strenuth of his men There was an ammont ot lard work to be dome in conneection with farm.ng that conbin not be betrer wonn, wheth of they put a highly-educated man, an 1 a fine strong physucal man to do, there was vo question whelh of the twn woulil change. Tuere was a temdency to employ machinery wherever it conld possibly be brougnt into use: the emmoyment of it was iutended to relieve of marhimery had been invented with that olyect tion, when this machmery canse to bo further-ds he homed it woul 1 be-applicd to agriculture, then the men of sheer animal strength wild bo leys wanted, and better edncaterd men, able to take rharge of machinery Then the educated labourer will be more needed than he now was.

## INTERERIF:

[Trie following are Mr. BBECE's moncluding remarks, enntinued frep
ing of Sheep.

Sherp are profilable. - In nroof that sheep stock will pay if properly cared for, allow me to read the fo. luw-
ing extract from letter I recelved from a frime

 putil March 10 , Turnips until maddle of April, link land unth 20th November. Yellow Turnips eaten on
the land until middle of Pebruary, When they were finshed off on Swedish Turnips on a grass-field, with
1 lh . mixture of Peas and brused Outs for about a month, when the whole were sent to Lond Average pr.ee wetted, wise : we. ight, abnl solid at ls al per lly. On miking s caleulatint, I and betweent worl ant mutton, $/ /=8,111 /$, to be the average, and resalisiag or the gross hind tis 8 d, not takiog 10 to acoount the enrich-
ing of the land when eatiog off the yellow Turnips, and the superir topmfresing tia Grase mual have ent when enntimind the Nifflies ( 1 its, and Peas
Diserpes of Nhesp.-Inflam nation of liee wnmb is but ton well knowti atraning very much, tho pirte swollen and of a lisid colour, showing that severe inflammation has taken place. Now I am almost certann that this dangerous complant arises from one
of two causes. Either the ewo has had access to too
many Turnips, with hittle or any dry food during
 lang at the time of lausinng. When we cembenced
heening sheep, we gave lotile clse than Grass and
Turnips in winter, and suffered accordinaly; but from Turnips in winter, and suffered accordingly; but from
the thme we discardel the Turnth, and allopted the



 an ounce of laudan,an, heeming her rased a hittl Garget, or infammation of the udder, I have always found a most unmanagenble complaint, owing, no doubt, to the faot that it hed generally proceeded too far before being observed. Having, unforthnately, loas soveral valuable ewos, one time or another, by thls trouble, and aware that it must have arisen from mis managenent of some sort, mace me anxlous to find out where theerror existed, Atter pondering over the


 winle crammon in biring, by whiline the udjer, bal chused the murnher. been the excing chuse, from the fact that, formerly, when allowing our ewes to roueh it more than we do now, while than we had aulments of whet We are now happly exempt, we were, at lenst, free from the ulders gong wrong, While it is rishlt that every
attention should be paid to the comfort of the lemb (and it is astonishing how much cold a lamb will stand, prossum it is Rettios plenty of milk and the weather dry) my experience is azains
overdois the thins by teo much kundnese "provention being always better than cure." I would recommend that the ewes should be looked carefully through every day for some time, see if lue iambs be ath amoklug, sum none of the udders
surkine, they are very ajst to gnt chapped with the cold winds, and being wery sare, the ewe will refuse to let the lamh suck, rom-onquently the usuer soom becomes
 sime days, gall rub) the wore tht an when a* posishle wili an ointment composed of equal parts fresh buttor au beo g-wax melted together, and before applying the
ointment hold the ewe until the lamb suoks. In .

 rim of the beliy, has a dead, dall feel, and if preased
with the finger leaves a mark like puty, the udder is disenloured. and covered With a rlammer sort of perspuration. In erery cese of this nat ure 1 lost the owe heinr obsicrved. If takent in time, I would reoommend the followims treatment Turn the ese and bieed from the ven that runs atone the bly mmedrely the ulder, closing the wound wert a p.11 and a hittle of the wor the same surge presericior nilammation tineture of arohate, to tlay the ferer. Slould the fever continun, give at the cal of every two or three hours, for snme time, say , 3 frol 3 or a drope at a time, isa amonte $1=$ a mast deadl porma, and kerp the ulder innotant,y civererl un with cloths wrung out of cold water, pildia alove to induce heat, and
posible. Shach Sfaggers, or founder, is cauced by giring tor much food, essecaily of an uncuddable nature, When newly lambed, or else by the Gracy bermanay remember beine advised at one time to give my ener at the tome of lambing some boted harley, I dil so to two of them, and nest morniag
ncither of them, suld rime, and even when litted up
they emulin't itan: In kive agmart dose of medi-
 from hlawims it ap in be cudded, and thereby had become paraysea. staggerx bhen it becomes too omy and when the Rye-grass is ruxaing to aeed, snd,
as I said before, When Fater is deficient, a sheep
suffering from staggers will be found very dull, and generally standing by itself at the dykeside, and showring a good many of the sy mptome of sturdy
to be driven about, it will often a! pear a

## one or botu eyear and -inotat the at matil

## furnous, and throw itself into the

tudes. Some yars azo we had 2 tery had rase of thas natire, and not hacswa at that thme the exact whereabnith of the cyc-re.n. I bled from the eara severely,
 from hurtug tiself far an loar of so, by whicis tme 1 becarue quicter, and by rourntis it was all right It Was brouxht on ty being lurned the same day into feld of rich rank Grass. Several ruwps of supoly of pure water, is the best preventive in this case.

Sturdy. -The only cure in this compleint (the fleath Ettrick sheplitert of care on one or two necastions, but Ettrick shephatiof eque on one or tho necaslums, but ald, suppoze I had, how could I have becen sure of the doubt, from a prim wurm of avir. .art at liug up the



 montutans, or those feeding on ins, sharp soile and haviug to travel for therr lomat, are sel lomat roubled with sore feet. Poot-rot whefly ntturhs 1 hose grazing on rich old pastures, the (irass on whichas mus sot and spongey, the hoof hat not worn down nearly
grows. Another frunful source of foot-rot is in allowing the bught to get damp and dirty, and by be found a specific if used in time. -1 oz . of nitrio acid buxed wath a pir if rind ater. the hoof to bo cwe fully pared, and erery vestige of tho dark stringy roota


 ome wank culuthe s.lut onn- in h, for mantauce as a L.tulo binestone melted in warm weler, inserting the foot amongat it while hut There is another kind of sore leet that sherp are often bowes wha and wheh appears to prin thens very much. The akin
hetween the hoof heoones crached and festerel, and betseen the hoof hecomes crachen and eosteren, ach inllamed and swollen, causing the hoofis to stand widely spart. When the crack is not very deep, nor the foo muln woilen, a very soot plan is ho bug montly backer und forwand between the hoofs bud then apply a little of the foot-rot lotion. Should the erack to very decp. nowercr, ama heothould swellod and inflamed, in that case the foot ghould be ponltued for a day or two, until the bwatho mall soution of sugar of lead and zane.

## 

The Cornall University Regiter, Ithaes, U.S. 1869. The Curnell I mberaty has perhmps excited the remarkable it thath in- for rith 11 1min which have beon
 outting away the class restrictions which limit the
usefuluess of many of our own places of education-hay no doubt baen one cause of this interest; nather has certainly been the attachnient to fordwin Smath, formerly Profeson of Modern 1 Itatory at oxfurd.
The older unservite more or lese corne w fey after ic pattern of those in withoctly to the malerial derelopmont of the country, from the wideat kinds of general ednoation. In lewis ('ingress paseed an Aot granting publio lands to enleges bernt of ang Hilure sud the hee hame art." "'he hare of the tate of Xew Yorb
 edcuatronal purpeses. The fond mas erentualiy aprog rated to the unversity foundel hy Eara Cirnell, bing his endowing it with 500,000 dollars, and the free being him endowing it with suo, or dollars, and one from earn distriet of the state. The object of the unsversity was defined to be the teaching of such branches of farning ss would promote the hanwiedge minu., how, be maded in the plan,
 qualtiostion can interfere either mith students or The university wrs formally opened on Ootober 7,
1868, nearly 500 athdents applying for admasson, The number at present on the books is 112 ; the difference is no doubt to be attributed to failure in the entrance grammar, geography, arithmetic, and elementary algebra. Three of the students apparentiy come rom Encland, and there is no restriction as in nationaitity arravzeruents, but probably works simply in practice.
 cipando claracter ul tuen is rather orprpatering. Enalish, Latin, (ormis, fhrmogy, hritany, "hesuntry, itwo modern langrazes, 3nd a yonit mann we. er hal je ts too numerous th thintunn. It in atimated, however,
Lat if this is nut enough studeats may take extron Luhlects as well.
There are alon optinmat imir-aw. in whel subzect to oertan restrictions, the student is allowred to uhooss
his own loctures, and special courses for studanty
taking up only a single branch of science; each of
these is carried out by a separate faculty or college First on the list is the College of Agriculture, whict has a farm of soin arres. "J jaboratory and tield prat

 geology, mechanics, botany, zol qy, and the conomi
of agraculture, or as we shoull say, agriculture prope of agriculture, or as we shoull suy, agriculture prope
But the complete course leading to the degree Baohelor of Scrence includes all these subjepts, and a good many others, and refuires four years. There are, Students aro also allowed by special permissiou to attend some only of the courses, and to spead the rest of their time in farm or garden work.
The other specral faculties are equally claborate in their arrangements, some of them being even divuled
into subsidary "sehools," pach with its prescriched course of study. The advantage of this system is that the waste of power which attaonea to isolated places of
 restricted studies. All thee departments, inorcorer, The already extensive, and there is a library of 25,000 volumes common to the whole university.
Considering the short space of time in which astonishing how much progress las been nade. Tae dependence of future material prosperity upon the capacity in the industrial claskes to apply and geted upon. The wurk to be done, says the legister, "is to aid earnest, determined, manly young mens in Tuis language 1s, perhaps, a little more gushing than is nsial with ut in starch booke, but the very simplacity of
purpove from which it arises is in itself characteristio. purpove from which it arises is in itself characteristio. incommtible with 1 lienoss, and hence "whenever a young man is pursuine such a courso an to reader hus
stay not condurnve to hus own interests," he is at once stay not condur"1re to hus own int
removed as a discord nat element.
l'rofessors," aran, "Lave been song't whose methods of teaching are suclu as to awaken enthusiasm.'
There is, therefore, no marking sy stem The whole account of these arrangernents rcads, to those who are acquainted with education in thrs country, biso a
Utopian dream. Howerer hat may be, they already seens in the first rear
 instruetion in any atudy."
buildings Their total expens
 the university town, which is probably rather more cosity.
The programme of the studies for tha four years, acrercultural courve is worth guting Than range and variely of hat kinds of learumy wheln eniter into it amongst us to the cause of aerintural education.


The Farm Woll Managed or a Tieatise on Greenthe 'tushlaty of Wheat ran be arome per frre, and as many Courv of the lartest brent erelf fide the whote ypar ronnd as there are deres on the Faral By a Appendıx. J. Hej moou, 111, Deaniente, Manchecter. Here is a whmsieal bit of authoraht In tho first place, what is the writer's "acre -" But, indeer, noe need not trouble himedf much with the intury, It in quite possuble for the tenant of nedinarily gond lanid good many hints in thas litile trarl whine wil assost him. It is, however, out of the odd individuality of the writer, which if displayed obtrusively, that the amosement. From the introduction, whern it is grotesquely enough ethibited, wo axtact the following
pasenge:-
The writer has done buainess for his parent, a

300 acres of which he cultivated; and used to have, in
one season, 50 acres of Turnips and upwards of 200 geres if Wheat. It wo.ld require 120 shmep-shearers to -hear his sheep, as he had 3000 . 1 La fattened 100 Menfers annually, he had in Sminfield every market
Iy (Thurnd ty), from the Ist Norember till the lat of Yay following, fat atork on sile the kent a small
 in the fumuy, and any remaiviar was given to tenants
and tho poor. It generaly thok sis and the poor. It generally took six men dally to
prepare corn for the market, he employed prepare cora for the market; he employed daily 30 or
© 0 ren, besides lads and women; lio kent 25 horses and beasts at work. I have seen in his stackyard Wheat three years old. I never saw his doik without moury in at, and he had also much money out at
interest. beside having landed property for ever. had a nice Suriss carriage, and on the sideboard, in the parlour, was pareded a quantity of silver plate. He awn farms), at which the bast orusted old port wine averyveral other liquors daily Rppeared. Ho brewed Ithere were lat bey fors killed motamonull, ats required,
Limes, lamb, veal, kid, and lots of poultry. The roastgoose to be killed singly, there should'be three a one time, as he said the piblets of one goose made but a poor dish. When our hung-beef and bacon was put in chaif, during hot weather, to preserve it, every tat the kitchen resembled a grocer's shop. He had a
mand, with 12 monlds, and ho borrowed two more tands from his ne ighbours, Coptain Berers, of Equish Castle, and Captain Droughts of Whigzoro, with whom
he was on visiting terms many years. With these 36 moulds, by wioking and filling one by one, the first this means the housekeeper was eanabled to make as many candles in two October days as was sutflyeut for then hung up in the lurder, in bunches, to bleach. A large mumber was rectured, as there were never loss
that two lights in the parlour and four in the drask in rom at one tiune withont takist into acesunt th number required for the 4is led-chambers, the othe
apartmonts were well supplig with dips, as were also the stables for the liunters an 1 cirt-hoses, and the coach-honse. In the larder stood a larto deap crock filled with sweetmeat, consisting of stoned raisms,
currants, suet, sugar, whisky, and lemon-pecl, always currants, suet, sugar, whisky, and lemon-pecl, always
ready whenever a p.um-puling or a mince pie was ready whenever a p.um-puliung or a mince ple was
ordered. The manister of the parish, if namarried boarded and lodged vith us, and a single old gentleman the father of Sir John Kingston James, Lord Mayor of Dublin, not liking the din and noise of a city likewise boarded and lodged with us many years, Those
gentlemen knew well thay would have a well-supplice

 tions, and deforred nothons. He male an lise aervast man lay the breakisist thble in the pinh ur esery night befors he retireal to
cessive winturs ill tho members
ate their brealinat by sanlle-light $T$ saddlend, ready fur bis own uso, from an early hour in the morning till late in the cveniog, and a land steward ansisted hum and his two sons to conduct the businese which on horeback, to see if all was right; still it dul nut dehar his sons or hamself of taking their share or well osperienced and courareou, horsermen, an 1 well motnted, having onten relurned with threo forbrushes in the bridle head-stall as troplati, He
had hat lusiness on all his farms well oxecuted and
 his property among i2 leratces. His funtral was oumerously attended by relatives and acquaintances
out of the latter were taken 12 bearers, all gentlemen out of the latter were taken 12 bearers, all gentlemen
of reapectability, some of whom were magistrates and arand jurors and hearsa and horcey carried
and deal collin, his remana, now entorebod.

## Farm Memoranda.

WeSt Sossex--Harvest is all over, and overything
has been geoured in good order, exeept wher some
were rather too quiuk from having beon frishtened at Were rather too quiuk from having been frightened at about Situr lay mons and stan lihe. prethltiot to b

 of it; that 14, if our faitn don't sive way agand. Lowevnr, we hare zot together wettins the thatich hlown of hardly a whole rool'on any a in that ' '1 here may carns they are nearly stripf ed and the sheaves blows ne off. The wind has bretu terrilie since satur have tad some mee showers whell have got to ninush ine depth. They were much wantrd, for pavetures are
uery bare, and stock are on short allowanee. The Turnep crop will not be so gool is we expected, eape Malyy the latter town. Mavzel has not dune so weal, the summer, on the whole, having been ton cold, though for three weeks of harvest it was excessively how 1 nore uas not beenquite so muca threshing as is usuall
and having fluctuated so muoh, aud in
expected ways. Upon tho whole the oro
to bo abont an average, anl the sample to bo about an av
is not far behind t

## cout can liar plly bat a full

## un boit fit and Inan slock, but tue wile

of' the root crops 'l'tuere has been a littlo of upon the whole is good. Getting ready for Wh sowing will now be our obief work, and as the will work up easily, should the weather be favoa. ome indoor foi wo the niehte will set cold an pasture bare. They have been more annoyed to put in tha sheds by day have beet litile; ettill they have done very well, and there is to be a fair supply of beef during the early
fo st-and-mouth dise.se is repurted to bo no
us-around Arunlel; aud unlegs thrnely in
are taken it will soon siread. D'eoplo whi
G. S., Sept. 13 .

## 

Tie Birmingham Prize L
with an alloy of grumbling caused by the ling bull print that says, "The entries close on Monda) the tion November.
and lo wone expect3 great things from Bingley Hea
 classeg, with some of them $s, x$ prizes to a class, is (by proved by the pumbers that are rated does ofl pear by the commtleo becaure they are ono or the Coloured Dorkings head tha list, and have four oh the of $2 /$ from them, ratuay find, and two cups, each of 1 Th aluc of $\bar{z}$.-ono for the best cuokerel, and the othbu
fur the two best pullets. We here alrendy the mane seen wonderful Dorking chickens, pullots especi but, with suril inuentives, breeders will spare no and we may expect to record a great advance ou over-liberal allowanas of two classes, and wa thas White Dorkings are fighting hard to amprove position, and to make a reputation, they are the encouragemout held out to thern a slajat
they find they have but two elasses, and that compete irrespective of age. It ls a bread th
of which do not supplement the or luary prita tho number of eutres hitherlo received Four fur luall ('acians, each ono leaded
 porter of the Brmarinam show from its commencan whie betwean tham.
Wo may fairly expeot the Brahms Poutras this fan to be among the most promiment ferbures of the shrif tho penctled and tie light varietien "Ineve are who say that the valuc ol the prize hes
the real amateur, bub what broush
 urchanged. Tho pecentijed Bralimas tors yeir herei th Wred do not syy that orery yon will be surroriad, bid We think, bino amatems ont of ten will be when ox years of lethargy, and that tho prsze-sheet c ont
apaouncement, under the head of the Malay apmouncement, under the head of the ars the
that, by the donations of a few aminteurs prizes lor
are ensbled to inarease the pren the comm in may fairly hope that this is a fresh start for the b poultry shoms, as we un lertaral ther.
 Cobses, wath a stiver culy for the bext Way Golden aud silver pencilled whl make th as heretofore, in the prize-sheet, and masy be exper th in hreat furce in the pens, If Pulinh fonls mare progress, they try hard to hold ther ground, andy The inducement to introduce new varietics is extravagant, the class allotted to then being
we poorest, if not the poorent, of the wole lisk. Sixteen classes, with three priaes on diate a who know the Birmanglam thow, know wha game fowls are the
o wisely to be shown in pens of a

## Whe Whe

 2 $=$Tod two hens. The black-bressted reds are to heve a





nest nex.

## Miscellaneous.

Foot-and-Mouth Disease is a light matter among orks and lean cattle-they will be little, if any, the worning cathle sad miloh cows. If fat cattle are titacked, they should have their Turnips sliced, with
zushed oilcales and meal. There is no treatment of sushed oilcake and meal. There is no treatment of equi will be a beast or two out of a lot whose feet whit rom the flesh. The anımals may require to be thrown, nd the dead horn cut away. It must be remembered urgeon should generally perform the operation, unless Itention, The disease seats itseli in their uiders, and maless they are moat carefully milked out they may be
rendered useless as milliers-losing one, two, or even rendered useless as millers-losing one, two, or even disease is very infectious. I recollect having carried it pome from a neighbouring fartu, by merely handling a Whome, and handled the first beast opposite the donr in The complaint; and in two or three days thereaster Out of 40 fat cattle, 38 had it, only two escaping. on anquiry I found that ono of them had had it beture. I lost from $1 l$, to $5 l$ of condition onan average
off every one of tho 38 . From the same farm, and at he sance tue, a reterinary surgeon had been called in.
He went stralsht to another farm, six mules distant, and in a few days every animal there was seized with
the same complaint. It is the general belief that an Hanimal will not take the foot-and-mouth disense twice.
but there were seven years betwren the attacki
and Cattle Breeder, by $W$. $M^{\prime}$ Combie, $M$. $P$.

## CaIendar of operations.

SErTEMBER: Theat Seed-fine.-The sosping ijused to be tho busiest semson ol the year on what were therued Whest and Bean farms, but the increased xtended the period of sowing over the next three Monthe sin, durius the currut honth and eariy in owing the land intended for winter. yeyhet,
Seed Wheat newly threshed is to be
Need heat nemly threshed is to be preferred, pro-
vidided the orop hine been staoked in thorough good
order, and care is generally taken that this shall he the arder, and care is generalyy taken that this shall he the
Nothing pays better than the selection during
Marvest time of the best Wheat for aced. cican finty trats, and crisp plump corn only thould be starked for this pirpoe. Great improvements have revently been
made in tue scouriut of wheat, so as to remove by
mechancal means the germs of animal and vezetable ofechancal means the germs of anmal and vezetable nended. But they should uot be wholly trusted to, of pickling. Both provesses should be carried out with Besucs, those who cannot grow gool sound sed Wheat for themselves, sionald purchase of other Whay or other in the grovth of breat, so that annually losses of quality and vigour occur, according to the Wheat should always be bought, for the simple reasons and that the difference of value in favour of the channe of seed is greater than generaliy credited. Some onty ohanke every second or third year, but ualess under the quality, the practice is wrong The more advisable rule is to chanke your seed when you do not grow it up
oo the proper standard, and this is easily known in
Pickling Wheat -
Pickliag Wheat.-Some use blue vitriol (sulphate of copper) dissorved in warm water, half a pound or so to
sack of Wineat, using no more water than will wet the surface of tie gratus when rapully turned over on
the bara floor. For clean fine white Wheats, which have fow ypine for holding the germ of smut, a quarter of a pound of this miveral to a bucket (two gailons) of
water is evough, as for this thia-skinned Wheat Water is evough, ss for this thia-skinned Wheat
of stronger solution is dangerous to the vitatity
of many of its grains. With Rivetis and other coarse Wheate, with their long spines or hairy ond, the
ha, pound per bueket of witer may be used, while the
Winut should be imenersed in a tub, well stirred for a Whest should be immersed in a tub, well stirred for a m chaff or not, akimmed off.
the drild. No more should be dressed at a time than is required for immediate sowing. Others wash the
Whest in brine of a suflicient strength to carry an egg or Potato, and then dry it by sifting hot lime over it on the floor, mixing the two rapidly together until the Whished than is required for sowing at the time, and any remander left in tho drill or sack should be spread
out than upon a dry floor, otherwise its vitality will be out thm upon a dry floor, otherwise its vitality will be
injured, and it may be wholly destroyed, thereby injured, and it may be wholly destroyed, thereby
readering it unfit for seed. The washing over-night hould therefore be sown the next day, or, if wet
prer the whole batch.
Kind of Seed,-Soil, climate and the like must be considered before it can be determined which is the rery generally known nuder locsl names, derived from the persons who selected thens as H heett's Pedigree
Wheats; or the dutrit in which they were first grown as Fasex: Whent. Red and White Wheata form another distinction. Some are more hardy than others, and
better adapted for this or that kind of soil, climate, and better adapted for this or that kind of soil, climate, and made before extensive changes are carried out.
Thick and thin sowing is a controversy of long of the land. Some soils tiller abundantly, others sparngly and unequally, when bown thin, the regul latter soils, however, are papable of much improve ment. In the one case from 2 peoks to a bushel par ment is in the one caso from 2 peolk tha busher por acre is considered more proitable than a mioke 3 bushels per acre are not found too thick a seediag; but the 8 bushela are generally sown broadcast apon a rough seed farrow, so that much of it is buried on anp and rots, The probability, therefore, is thit on an average, not much over tillor under the thick brondcasting play.
Wheat soving is now ohietly done by seed-drills, the coulters being from 8 to 12 noches asunder, and each leverage. The seed is thus put in to a oniform depth eomparatively speakine, so put in if sound the while the it brairds and tillers, The latter, however, only follows when the land is in good condition, and no harm is done by the frosts of winter and spring or from other causes. On some soils, and in some exposed places, less that due provision must be made for such thinninus in the plante. It is hardly possible to estimate, without local experience, the diference between soils and places in this reapect.
Potato harvesting commences about the end of the month. The digking is done by hand, by the common plough, or double-miouldboard piough, and by the Potato dipger. When dug wind enree-pronged fork one When turned up ly the rommon, or double-mnuldboard plough, one man will shizbe out to sis or enght gatherers.
Tho l'otato digger turns up and shakes out at the same Tho lotato diyger turns up and shakes out at the same
time, thus dicpensing with hands to shake out. $A$ cart follows the watherera, into nhech the potato-baske ts n
emytied, and the londed rarts are backed nuto the pit emptied, and the Ioarded marts are backed anto the mit-



 practice is to pit the whole sound crop as above, and sieves, the

## Greamenti.

Housing stock at night takes place abont the latter and fattening bullocks are taken up earact, bs pre niously nobiced. Foas, yourg colw, ado horses hould either have a dry bed in a hovel to go to, or else cattie suffer much from lying over-night on a wet cold caltie sufier much from lying over-nighton a wet cold dition the greater the loss. Even the hardy Highland cattib in their pative glens look out for shelter over alght, or, 1 the weather is open, they ohoose an laick
comparatively dry bed of long heath. But our lowland herde have no such choioe
Stock shef, regnire to be provided for ir varonus ways. On some 11 ishiand sheep walks, in bad seasons, the shepherds and their flocks have to begin by the
end of September, moving towards the lowlands for their uinter quarters. In other walks further south in the border counties of England and Scotland, whilo
lowland farmers are finishing corn harvests, the Bhepherds are finishing theirs, by the stacking of hay for the winter months beside the stalls or sheep-pens, some o it haviug to be carted from the tramp-cocks, where it grew, soveral mies distant, over rough mountain rosds sheph, a-41wng that somethny car be serapet from selves purchase. W.

## Notices to Correspondents.

 sown without a crop, put in mbout 50 ib of needs per acr




 nearly 20 years ago which bas tbresbed and cut chaff, ground, | and pumped for me ever since, without atopplng the floods |
| :--- |
| or intorfering with the xights of the mailera. [We can give | an "Old Subecrlber" our correspondent's addreas, $\}$ To lay Down shave Wasie no Grass: Ti \&B, You are

 sow Grass seed. The better plan indeed would be to burn,
nud then bone hearily; then grow Turnips ; then feed them of with cmke-fed sheep; and ther sow your Grass

Beeas Drect from the Growers, the mose Erectual SUTTON AND SONS, SFED GROWERS, deliver their


## 



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 avory large effoctive hesting wurfaco to the direct act on of the fire,
 separately, of to furnish Pian= uta Faft thates for Erectag Hot-

Catalogues, contalatis verignis of forses de, wil be formarded on application aperila Plana nid retimates for Rangea of nowson to applicution : not part of the couritry will aliso be formated. 2\% Lomidenkar =ireet, Loddon, EC

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Ertract from Roport in Gardenrars' Chbonicla of International Exhibition, May 2A, 1862, page 476] "Tbe uprlshc form of Boller is usually yade ou a circular plan, rather than a square, it seoms fenyble that the Bollers on th
 with the fire. The usual form of a furnsee bethe a parallelogrami is no coubt ni tmprovemuent"
tat They are made of all aises, which, with pricos, naty be had on upphication.

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Whilem, 2000
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00 fine mixed Double Ranugculug
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|  ${ }_{6} 12$ Duc Yan Thil Tuilpa 8 ane matred Donble Tullp Geanerixas Tntips 25 ano mixad Talips <br> - " Knglish Irts |
| :---: |

Suttons' 10 s . Bd. Collection of Flower Roots, Fir Opren Gitouxd, montains a choi e assertumentir a


Suttons' £1 18. Collection of Flower Roots,
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T

 Fnest bourdiling
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I ScotT Fruits and Fruit Trees

- SCOTT, Th. Niurer riec, Mririntt, Saturket, has now


 "Orcharilist," the bost work on Fruts in England, prlee is $6 d$, A Spring Flowers, Roses, Fruits, \&c.
THOS. S. WARE'S new AUTUMN CATALOGUE of ROSEY EYERGREEN ABd OLVAMENTAL TRERS, Pplication. To Which will bo nddel $\pi$ beiect Lott of SpRINeAutumn, in order that thof ahnuld bo thoroughay eatubltained for
 the Ratimat Nitation


## Roses, New Roses, Gladioll






C. TYSO, Finikis, \&- Aremones, Hath iford, Berks, is oftering Q. these beautirul hardy dowors, in grast marity of colourt, at
 AつFMONl: frel
 Treation on limunculth Thtamps Trotife on Ane

The Gardenerge ehromitle.
SATURDAY, OCTOBER 2, 1869.
HEETNGS FOR THE ENSUNG WEEE


What decision tho foyll Hontictetcral Society may have come to as to its future porations in the matter of Provivclal Snows wo know not indeed wo are ignorant whether any decision at all has yot been arrived at. In any case we ragine that there is still ample time for outaide discussion, and we believe it would be pery much to the interests of the Society and of horticulture generally, did such discussion take place. We take it for granted that the balance of eridence would be in favout of continuing these provincial trysts. Assuming that this postulate is granted, these questions then arise-Is it desirablo that the Rociety's exhibition be beld, as hrretofore, at the same time and place as that of the Royal Acricultural Succinty, or is it not pifferahle, with last year's experience in sem, that the two exhbitions should be dissociated? In the latter case, where should the place of meeting be? We do not wish to obtrude any opinion of our own-we merely invite discussion, and in so doing we may state one or two facts which must be duny considered, in order to arrive at a
solution. Fact number one is, that the meeting of the Rojal Agricultural Society for the ensuing year is to be held at Oxford, than which few towns can be better placed in regard to accessibility and convenience of visitors, while certainly no city can surpass it in interest. On the other same sense as Manchester or filaggow are, and whether, with the manfold attractions of the old university tomn, superaded to the "bovine furor," poor Flora would not pine neglected in "Port Meadow", "Jericho," "Paradise," or some other locality known to oid

Oxonians but hittle likely to be explored by | we have littie doubt that the treatment mould have risitors, is one of the questions we should like to ee disoussed.
Fact number two is, that Dublin holds out the hand of fellowship. From arross $\mathrm{St}^{2}$. (reorgo' Chanuel a suggestion is wafted which assuredly maerits attention. It is this, that tho Royal Horticultural Societies of London and Dublin rospectively should unito their forcos, and hold a grand horticultural meeting in the Irish motropolis. The proposal is made in the current number of the (fardners' Reroyl, and tho project, if carriei out in tho same spirited manner as that in which it is conceived, must of necessity prove successful. The success or failure of such gatherings doponils in great measure, ne may say almost ontirely,
upon the efficiency and completoness of upon the eal arraciency and completoness of the allotted space to overflowiug with the pro-
ducts of their skill and industry-prize lists ducts of their skill and industry-prizo lists
mary be ampln, cromds of visitum cren may be mar be ampln, crowds of visitors oven may be
forthcomung, but if tho local ariazgements be badly planned or imperfectly carried out, and specially if there be not harmonious co-operation betweer the local and the central authorities, the results is sure to be uncatisfactory, and in all probability will be discreditable to all concorned. It is very significant that in tho very sume number of the Recerd is a report of a
meeting held in Dublin for the purpose of conmeeting held in Dublin for the purpose of con-
sidering the propriety of establishing a horticultural eful. This propowal, it appears, was woll received, and is hivoly to be carricid into effect. We anfer from this that tho proppects in Dublin
of united action in matters horticultural of united action in matters horticultural aro
fayourable. Fivery ono knows the winterseno with which our Irish brethren tale up a causo dear to them, and hence if it should be decided
to listen to tho persuaniro tones of Erin, and hold to listen to tho persuasivo tones of Erin, and hold
a grand show in her metropolis, we shall havo no cause to dread any lukewarmness in the matter. We shall revert to these subjects on a furture occasion, and in the meanwhile we should be
glad, in the interests of horticulture, to see the glad, in the interests of horticulture, to see the
subjeots discuissed in a manner commensurat with its importanco.

## Roval Heare informed that at the yrestivg of the Ootober 5 the following prizecrevy to be held on will be offered, viz:-   

Sooiety on the mecting of the Royal Horticultural Socioty on Tueday next we are informed that Mr. exhibit some speomens of his CoNQueror Priz Crlebre, a varjety which is sad to be superior to all
others. As the sed was not sown until tio first week others, As the secd was not somp until the first week in April, and as the specimens to be exhib.ted are
expecter to weigh from 616 to 71 h . earh, it may be
farly inferred that the variety is of quick erowth as farry inferred that the variety is of quick erowth as
well as large siza After the exhibition at Kensington the specimens may be ceen at the establishment of
Messim BARB \& SUGivFN.
fall of a paragraph appeared at p. 993 relating to the nothing was sall as to the condition of the roots. We have now examined then carefuly, and we find on the
larger fragmeats abundant white spawn whinh undonthedly belongs to some Polyporus, and possibly to
$\mathbf{P}$. mustus, though that is not the only species which affeatg the Beech. On the smaller portions there is a exusion of sap from the decasying roots, or whether it is wholly extraneous. The question
present is, how shall we ascertain or even suspect that the possibility of accudent by timo.y removal? In feneral somethons wrons may be anticigate if the the branches perish, or if the trees berome stan headed But this is not always an indication of total decay, and in the latter case it is the primary root which is the only one which is in gonaral affected. We have noen ronts being which have fallen in high winds from the roots being decayed either from the natural effeets of old age or from tho attuck of Funci, of thect there was a remarksble instance a short tume since in a fine Fim specimens, accordug very clasely with those now brfore us, were forwarded by the late Sir W. Minnli. TuN, tho was anxious, if possible, to save come ire becch recommended then a close examination of the roots, and the remnval of every one which was attacked by Fungus. We never hoard what was the result of the examination and the supply of fresh compost, but if

## been elfectual.* M. J. $B$

- Tho LUCERNE Doddra, Cuscuta hassiaca, sems to be spreading here. We have heard of it in spondent forwarded us speeimens from Adweel, in in
Oxfordshire. No doubt it bas been introduce with oreign seed. Its clear orange stems, abuudant pure white and exquisitely-scented flowers, maho us, from our point of view, regard it $\Omega$ s anything but a weed, in this matter.
—The following lettersappeared in the Stawdario of ne 18th ult. The EFFECTS OF THE STory deseribed in the latter one are singularly siumlar to the effects of
heat mentioned by a correspondent, wriling from
Pe Lean mentioned by a correspondent, wring from
Penge, hree weeks proviousily $(\mathrm{p}, 9 \mathrm{~F})$ ) $\rightarrow$ "In reply to the correspondent in your jourual of to-day, the Elm.
Chestnut, Apple. Filbert, and many other trees and Chestnut. Apple Filbert, and many other trees and
bushes in this neighbourhood, are all in the same state the leaves on the western side of tho trees aro shrivielled,

 of the late gale as reported bymy extriur courdary elitects Winterbourne, near Bristol, were very stronaly marked here ; though, 08 we are situated quite 4.5 miles from the nearest seashore, I cannot suppose the phenomena to be caused by the sea nater, as he side, the. trees and talil slrubs , particulari, the Horse Chestnut and Damsons) are scorched and withered, the opposite side they are still as green as ct cr. But the ruost remarkable feature in the matter is that though these trees and shrubs are standing on very high kround in $10 y$ garden, and were fully and complietely evpoed to the fury of the gale, they are only thus
withered and seared in the upper branclees and in no the aro they mjared within ! or Ju feet of the yround

- 4 correspondent sends us the following interecting communication relaling to the production of
 Lr lis leaved l'elargonium, nakes a very nice coser for
a a phat or for a trellis, If, when it is 4 or 5 feet high, a
leat tail hiorand there ne bent. so as not to numpe.le the circulation entirely, the eflect, aftera few duss, tull be cery yood. The leaves on the injuref footstalks
become beautifully coloured with shades from pink to purple, and afford a fine contrast to the oolear creamy White colour of the natural leaf. $A$. $B$." No doubt
some of our readers will try this simpio experiment and if 80 they will be doing good service by communioating the results.

 Mady stata that Mr. It s Borlerov, of Norsich, sura parden implements and furniture, such as lawnI110w. Bo mnehines, water byrows, engines, and chairs. best collection of horticultural implements, \&c, shown by himat the International Industrial and Agricultural Exhitition
Sleswig- Holstein.

Intendmag fisitors to Chiswick will be glad to learn that the Large finerly ls now in fine condition. The Fines are in excellent health, and have produced scription. We understand that a photographof the interior has recently been taken.

Our funay friend, that is to say " ${ }^{\text {Fr }}$ ", ${ }^{*}$ has been perpetrating a piece of mischef at our expense. He
has adminntered a playful whack with his staff and bladder on our shoulders all for fun of course, and so bladder on our shoulders all for fun of course, and so
We will ant be such ill-conditioned curmadreons as to grumble at hm, particularly as lis assartions, like idle
dreams, should be taken contraryurse; and we are far dreams, should be taken contraryurse; and we are far
ton fan to wrumble at it, even when it
Pusk. Here is what "Fun" anyu:-
 cu
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all
co
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## porindizal

 a wilderness, he woald not only avert dixarace from England,
Well, certainly this is about as funny a tiasue of misunderstandings and misstatements as could well be Weven, even by ATtolyets or Mrs. Psiringmon.
We Ierve the Sooiety, the Telegraph, the Mizsoum to ake care of themelves, but as to our not ober courtenus garden coutemporary, we are not disposed, at his no lding, to take jart in the revival of the I'tckwinkian arie on the "rival cultors:" we would simbly, in ald

4 feet in diamethat, ineluded the moil which was thorn up with $r$ ise is described as 11 feet in gatta.


## New Plants.

 ciliolnto vicide ploso ; flore aurantiaco ( $\alpha$ aurantureum) stropurpureo ( $\beta$ atropurpuretw).
A many-flowered species, like Mormodes Cate Vestern South imerica, and afterwards by Saunders, Eisq. ( $B$ atropurpureum, and Drootor ${ }^{(x \text { aurantiacum }) \text {. The purplish Fariety is nicel }}$ * aurantiacum), The purplish variety is nicelf onthe with darker spots on the hp.

Cxpripendty Nivprin, sp.


This is quite a littie gem, heving flowers E those of Seiemipedium Schlimil, white, whth delim the spots and a deep yellow blotch on the stamine tio (Iustion, whether it ls a varlety of Cypripedir mottled in a very difiereut way, there beng arstant white stripes, on the dith green surface. Th rementier liow constant it se in Cisraped.am pu emarginate; the lip is rounder ind thorter. We belian whito are-coloured Orchids Lave little ten ledey to b to the position of the plant, it is no doubt tote distinet for amateurs, who will certanly like it.
comes from India, having been the last Opotad


HY゙POCA'ST HEATING.
Some years ago an article appeared in the Gardom Chronzle describing it some length a new mode applying neat to glass stres alwares, as covered with alas. The plan question is the invention of Mr. C. W Martin, ol Leeds Costle, Kent, and has been by ham applied the heating a range of bouses in tho gardens there Well as to give warmth to a large piece of
devoted to the growth of carly verotubles, a other things as whil bear expo verctables, aud shat when the coldness of mid-wiater ia past. Mr. Martin Who is an ardent antiquarian, acknowlerges taking bunt he bag so successiully carried ont from worlig of
 Fe havo amit te to spectify any othar of uns fr
"Fun" widd oblige us with the luan of a poet
omewhat similar kind which the Romans adopted in domestic matters ; in other words, from te the Romans dopted in warming their dwellings in winter, was by so constrictiug the lower floor as to have a fire underheath it, warning it and the enclozed space above.
The ascent of heated air was thus known to that The ascent of beated air was thus known to that Tartin also designates the mode he has adopted of non-labulty to get out of order of such an arrangemee than it has yet been put 10
The glasshouves so heated were ordinary lear-to's, resting azainst a brick wall, as is theuly the case, of the pre not of stone in fact the whole floor of one of the are not of stone; in fact the whole noor out one believe, large breadths of the floors of London houses are made that is to say, by threo or more flat tiles being cemented together to form a sort of slab about 3 inches thiok 9 inches wide; pies3 a yard apart support high, fioor it is simply in this that a fire is kept, with whatever rubbith comes to hanc. A proper nreplace
large enouth to reeeive any thng that one or $t$
can lift, and ant outer door encloses the whole
drimney at one corner allows of the escape of smoke but thr is checked by a damper, so as not to allow the eamape of heat in any way if posible; hy attention to
this, combuxtion is retarded, and nothing 15 lost and Is the whole of the floor of cesoh house is so acted uther known mode of heating. In one of the houses even more than ins was acwmine for front wall was on pillars, or arctes, and the border in
front, to the width of 6 feet or more, wasalso heated in a fromis, the way ; and early vegetables, nud such-like things, similar to succeed admirably. The heat imparted to furnished by the flues of old, the plants were healthy and in gond condition, and as a proof that sulicient
heat was at command for most ordinary purposes, 1 may mention that on the floor of one of the house
mado stout, stubby, heare planted out in this, and bat that they relished their quarters, although they
would not have objected to some additional heat, RE the culvic area to be beated occasioned great, waste bern cut at times. In the other louses, where Grapes The sucoess attending the heating of the houseo above described induced Mr. Martm1, a few on a mine
of gronnd adjoining the kitchen garjen a slijh
 enclosed by a 9 -inch briok wall. A flooring of the same mate, rullag on those brick piers, which were about
mard anart, and the side walls were carried np about a
flooring became sufficiontly dry and hard to bear it Which was $n$ ot lode, between three layers of trat thes, scarcely sinches in was a trifle deeper, to allow head room, and
fras a trine deepor,
fireplace, large enourg was formed ; the whole was closed in by an outer door, shutting in the whole of the hes formed an exit for what litule smoke was Bllowed to escappe, but the interposition of a damper reduced intention being as far os possible to economise all the heat he could commind. somewhat thicker the firepiaco was nortion, but in other respents than wall alike, and the heat had the means of playing throuzh the whole chamer. Around the sides, more for the purpose of ahowing its action than for any oluer purpos, was a squre of aome 50 feet or thereabouts, and I am told earls veretables of sundry kinds have been raised overy year, and a cheay description of protection afforded them, by wooden shatiters resting on a sort of framework of simple construction, but the heange had been so satisfactory
that $M$. Martin had buith an ordinary lean-to pit, heated bed, at the time of my visit, Piues were plantod out in one of tole compartmentin, and aportion of the flooring in thent of this pit not boing covered, so as to command top-hent I the main bed was thiokly cropped with French Beans?
Salads, young Onions, and other things usefal for late autumn Eupplias, the whole heing in
 autuma and early spriag, in summer the fires are not kept on, and I tone heat in s great measure to heating then to the Pines are growing in, excepting when thr state of the weather or other oircumatances renders it advisable to heat the onuer air, waste heat will page under its atter baving expended regetation it is callid on to assist; but early Potatos, Hodishes, and the like will not be lorgotten, and they

Fill receive the adrantage of this new mode of applying bottom-heat at the time it is most wantod. have passed down to the present day in a habitable oonturbulent times or the equally mischievous effeots of architectural alterations, which daring the last oentury destroyed bo many other placas of interesto A bold and to which there is a000es only by one bridge, formerly a drawbridge, it must heve presented an impres nable appearance during the middle ages, when the
modes of attack were less formidable than now. To make ita defence more sure, a series of outworks seem to Lave flanked the gatewsy, while the inner oitadel was divided into two parts, which would have to be Won, one after the other,-a narmom passage now uniting
the two where a mecond drawbrage once existed, While the stern solidity of the whole gives it 8 charm Whioh the moat careleas observer cannot but admire. out by Mr Martin has been frequently alluded to in our columns and elsewhere. It is very satisfactory to find its sucoess so well assured. Eds.]

INDLAN FORESTM
IT is throught by morao and they secm to have at lenst arbborculture are not two differont arts, but thint the lattor is
merely a minor branch of the formor, altbough not $k y$ any
 miee fuct, and selontit
arborictilturigt that it
arborkeatursit that it dues to make in acoconplisked horti-. not greatly umplufiod and extoudod by tha hat er If British
horticulturul skil on the wace, or has that of Germany gufte






 besiden theso. Thoes who could overatop the barrior that thas

 if tried by another, a litle no
found wanting. As the terca end
one maning, to provont micoonco
that bast qualifies a mam for the performance of the duth


 Hittle too
kreat deal
dte

 compalled to cram thembalves with. they woulit certainly
thrive beltar on sometisung planer Indeo, unles they caad

 the individunl-bayond iti utlity in procuring for him, an annualy. are still determinod on keeping up thls high
educatoonal staudarth, about which so much has beon sald, fo addition to the subjecta salready included, I would suggest






 vulger folke call $C$
apply the teaching
or, what would perliaps be a more correct way of putting it,
out of the teechinge of thoes sonnetruct e $e$ s.tem suiteci to the
 materull ore. It would sllo he needfuld on the part of the more about the ussa of the fmplements eniployed in forestry

| 昭 thoy will be expeoted to tomeh the natives hom to une tham properly: if deficlant in that thamsolros, thon succans in <br>  <br>  <br>  <br>  <br>  <br>  ladier Regarding the education of thisese thit ire th necupy tho upper, - bhell not premme to mpoak, firther th.m that <br>  <br>  <br>  to subordenates to work ont if they tail in dofng so to the satisfathath of their s iperior and to their own oredith the <br>  <br> An article in the Pall Mall Gazetle of August It romind me, that in opeakiag of tho different culues that have wrowith oo onergetically and mteadily, hand in hand, in ruining bho omitted to mention. Siomie may, however, look upon thooe now to be nlludad to an too mafonfactat and triviat for connected with the geme subject optrione may diffor. The <br>  derable demend all over India), next, dentroylm, the burk for druph, dyen, toc I have alyo heard thut docorticnulng sond <br> exudo resin, is extensively practised in the lifil distriets. <br> Tho excossive axudation of gurn from the ateminand hranches of some kinds of fruit trses is often spoken of as being the caluma of bad heasith and luntimely of bad thealth rither than the culse. Any explanation that eatidedactorliy answers thet question micrut, perhaps, do something towards cloering up N nne thers that naturally do somathing towards clearing en of the subjecte ebove intruiluced Thise are. Whll <br>  <br>  an'l umsoundness? TLat lecorticatimp anil chirrag certainly will, tuere cannot iva a dallt. Whet ber these pricticas be <br>  pmetiven lxasefintit, is are they in wime to the production of <br>  <br>  <br>  <br>  Still, it misht he fighly guthelify on the part of thooe who <br>  the most profitabla. Resin-coltecting ardioutly hat not improved the condition of some nf the French forsate, nelther lias report apeake the truth. Yet reain-collocting, and the mode of produclng it, will, I have no doubty bo one of the arta taught the British Igoramus in tho mohoole of Frace and (xet. any. Scobs bengate |
| :---: |

## - 2evut thertapprtivertio

## Grattod Potaton, - The experiments on Poteto

 grafting so ably advocsted by your correspondent, Kr .Fenn, 1 fear will hardly be worth the frouble and Fenn, 1 fear will hardly be worth the trouble sud experience with regard to procuring now varieties meuts have been very liwited, for want of futh in the method.
 Pridisell wall Worester I rem a areat many Pridiswell Hall Whin volumes of the Gardenor's Chronele tesiniy. Indeed, I was at one time quite as enthusiastry in the culture respondent Mr. Fean. Durias the time 1 grew ao many yarieties. I had many .ursous sports or froate. such as round Potatos the the to kidneys, and vice versá, red P'otatos turnio: 90 white, and so forth, Berkley Cotheridge, near Worrester, where Mr.
 ctanyed colour (seo aloo pr, Griz of the Gardeners Chroniele, $18 \%$ ). Now, had theso been grafted sets,
I should have concluded 1 had worked a wonderful chanze, and that it
but at that time I beliefe tnat method was
not in practice; but if grafting tle $P$, tato should change its shanpe, size, and colower, why should not
the colour change in outher root-raites plants, and
 variety opecasionally tu produce a wate bun u. 'l'Le
same with other fruits and flowers, and it is frefrequently the case with the Potato. This, it may be sald, has nothing to do with Potato grafting. True ; bu I will come nearrer to the point sud unfold a little secret that perhaps Wans, and myself. Many of your ominent frorist, ceas Radziwill, raised in 1844 by me, at the 10 charge of the noriade dopartmou und Mr. Gaizes. I being, one of the very best light Dablias That time, it will no doubt easily be called to mind. The seeding plants, when taken up, wis put in a pot to be kepe
during the winter. When starting time came, the during the winter. When starting time came, myself and my employer, and we discovered that it fortunately had a double crown. My employer at once gpoke of dividng it, but I objected for fear of losing
ith. But he sad a and accordingly divided the root into fwo parta bione it was set to work. It so happened that in dividing the ront two pieces were cut off with eyen thtahed to
them; and as I had orders to make all the stock I another root, without the least idea of their uniting another rook Without the leagt idea of their uniting
but singular to say theg both grew. All the eyes of
the other the other variety, Burnham Hero, were oarefully hardly state that this, boing a novel experiment, was ence was visible, either in colour or shape. The
varieties were very diferent in shape and in colour varieties were very diferent in shape and in oolour,
Princess Radzifill being a light fower with a refexed
petal, the other a large dark maroon with cupped petal, the other a large dark maroon with cupped grafting, se might reasonabiy expect the same change
in the Dahlia. That Potatos grow from grafted sets I fully acknowledge, but the rhange from rounds to kidneys, and rice versi, and from red to white, I amat
present not able to comprehend. I can quite anderstend that a red Potato grafted into a white one will produce red Potatos, and a white graftod into a rod
will produce white Rotatos; that is, if all the other eyes are destroyed (not otherwisa), or that there will be
a mixture of colourg, It may not be generally known ing of the substance of the inithent of a fuber otre will row-
thiz becomes the difficulty of experimental graftingand further, the young tubers will vary in shape. Kall, Worksop.
apocial Pelargonium Show.-It has this season been very geverally remarked by lovers of the flower-garden, welt; indeed, I never remember to have seen them slight froste whioh have from time to time caused the flowers to sppear variegated by turning the petals Whitish. The Pelargonium is doubtiess the most flower-garden, taking all its various classes into consideration. I think therefore that too much encouragement can hardly be given to it by the Royal Horticuitural socie introduction of gew and improved varietiegards have heard of a double white one; I have also seen a nice striped to yellow. When we look back at the extraordinary changes that have been wrooght in this family duriag the last fow years, one cannot help thinking that the popumay venture to say with safety that quite 7.5 per cent of gardeners and amateurs have a batch of seedtings, bours, they copld aubieve an easy viotory. Again, as to the double varieties-many of our bast flotists
deolared only two or deolered only two or three years ago, that they would
neither take the florists' taste nor the public facte, but even the stapnch and veteran florist, Mr. Ranks. of
Deal, on seeing a fine plant of Marie Lemoine the other Deal, on seeing a tine plant of Marie Lemoine the other
day exclimed "This is a grand object! I have been
Meli satisfied with Mradame ! amnine this aesonn, nn ! I




 Every class of Pedar than schathule prepared speadily,

 which bave only a fen days befure been distributed to the public at a hugh price. I am also diupond, from
the knowledge I gained from the last exsass, to continue wy subeription towards a prize for another next
 above suggestion, which has emanated from a grower,
is one whirh the growers muat decide on for themaelves
If the generaf feoling shoud be to repeat the extubition, sions. Rut the expression of opinion should be Ins (Viens
 tion of this very pretty buibous-rooted plant, Mons,啳 frost curing the period of gromedh. Perhaps pot
rulture would suit sf it for his benpfit and that of sour readers generally. Select kood erland ronts, plant six in a 18 -size pot, little moss or similar material to perfiet the dramage:
fill the potis ith wrill preparel lram, e, Inam which fill the potis ith wril prepared limm, o. Inam which
bas heen turned over tisn or three times and well airel
previous to using Prens the roots in the mould balf previous to using prees the roots in the mould bald these pots in coal sabhes, in $a$ cold pit or frame; wrater cery sparingly until the growth is an inoh or two high,

to throw up their pretty spathes of bloom freely. I potsherds at this potling, and 32 -sized pots, replunging them. Should it be desirable to have the flowering out-of-doors, the pots may bo plungod in the open
borders as soon as the spathes are 6 or 8 inchos high I am confident success will attend "A. W.'s" operations of he follows these instructinas. Leaves only are
produced, when the ruots are weak or the planting neslected until spring Charles B. Saunders, Cesarean
Packing Frait for Transmibsion Abroad,-I am about to send to Jamaica a quantity of Pears and about in days on the way. The time is not long, but the beat will be great, and the knocking about greater though, may pertsaps be also s danger to be guarded apanst, It has been suggested that clopped straw would be a good thing, or perhaps bran, as neither of to elicit the opinions of some of your readers, as there may be some who have had experituce in ths matter,
and by publishina their expereneothey will bo donas
others a service as well as mysolf. John hirl,

## dust, Cocoa-nu

Hothouse Boilers.-Much has been written and said bout the various boilers now before the public. Can anything be done to have a just trial of therr powers in say 2000 feet of piping be put together, and a fire-hote got ready, say fín feet deep, in a field near to some
central rail way station, some time next summer. then eentral railway station, some time next summer; then let there be an opportunity given for any one who certain werght of fuel. Leet the test be-which boiler heats the whole of the piping soonest to the highest the allowed find retains the heat the longest with comers brought their boilers. and a fee of 100 . might be paid to cover the expenges of fising, piping, \&e.: each and remove th bis own boiler, at his own expense, for setting, one for trial, and one for remoral-will be ruite enourh for each competition. I think wi shall bouler huch a trial takes place, it will bring out a shall try one of my own invent in tue, and 1. Cor one, provemont on one already in use or, rather, an imprinciple, will take a deal of beatank. A Iurserymon.
The Lady-bird. - I was someirhat surprived to observe, in last week's Gardeners' Chroninle, that such
an acute observer as our worthy friend, Mr. James Barres, expressed a doubt about the fruit-consuming propensities of hide iady-bird. There 18 no dujubt that Thewise go to it for the express purpose of eating it cot, an Apple, or Payr, or a Plum half eaten or birds

themsereral timer, but they were most teanacous orer
thor dibuer. Tuny slafted unwillingly, as a dog does suty from beng moved. Thes seened even to
look up angrily at being disturbed, and could one onvo heard is, woubthersthey etther buzzerd defiance at or another Pise a spore of ants were feeding qutetly six Lady-birds wro emploged in enlarging a cavity whioh looked as if it had been ontirely mado by themahtyes I saw some of therm bite off bits of the rind, others out. The law seomed to bo that each must dig through its own crust before being permitted to
 like wrodlice and earwian, the Lady-birds do oraep into they like the sheltering material the shorter is jes duration. Their houne of to-day flls their stomach
to-morrow; and though they are unable, like some ther have a more convenient mode of impartiag to it atway with it I hate at times suffered so muteh from the ravases of laty-birjs among I primes, that their molden ant of mil has often reminden me of my lost enaugh to ktl them in any quantaty, I cannot preten. to any compunction when I see them drowned in wasps botties, or hear that ants can tucke them to
A Lonator Melon,-Mr. Paterson, head gardener a Pontypool Park, Monmouthshire, has succecded in fariety It s weizht was n llh ard it measured s inche in circumterence by $\delta$ inchen deep. A photograph of The Boyal Vineypar
readers, who Grapo. - Will any of your say huw it does with them? frowing had Grape, qeveral yeara, but the bunches have only produced a ew large berries with a great many little ones about the size of Pear Is it considered a pood yarioty? M.,
Greenock. The Rosal Vinegard Grape is not a firstr
class sort as regards flavour. Its remarkahy bave never experienced any diflinulty in its colle: Mr. Stevens, of Trentham, grows at romarkath
along with Black Hamburghs and recter linghly as one of the best lato white Greperan in Orchid Calture.-The tro following anhoriso favourite stock $p^{\text {hhrases }}$-" In thar multulude of
sellore there is wisdom, and "Theo many the broth." Every partisan holding \& briet ai ravourite topic may mako his selection of on party. As it is with some things hasingt the upon tho comforts and well-bein of ping mote always been with the treatment of the pone that has been forced from its proper home, It is pronounced either to be too hot or tran It artifio wet, too far from or too near to thet plied sith root pathulu,h, place.l under the indien too much light or too mush darkness. Tho mith
oussion we have the more puzzling and tont and litile is it to be mondered at that not polte from an attempt to dipest the pith of opposing his sort of reverie by the utterances of Me (see p. 991) concerning the amount
Himalayan Orohids should be exposed th growers ane at all times exceedingly indebtel gentlemen who give informatina ennceraliobabitats. As affording data for founding a consequence but Fould be attendent with the worst nossible Gammio in substanoe soys naw what has fim before by "R. H." at p. 1061, 1861, and by kr Orchids-the (see p. 1109, 1864), Speaking of Dendrobinati rally, and of Falconeri in particular, after detaition "fhading should rest, Mr. Gismmere that the plants should be as freely canosed with as possible." Inconsiderate advice, indeed, if m growing temperature sufficient to mation of a all the teader Dendrobiums ever imported and gu the parte sun has its influence tres on the wrong side of th its burning rays, and in mitigating the हevertiy and the moisture with which air, earth, and treer in a state of life and health. I say, with the espee $r$ ence of trials in a variety of ways
Orchidaceso that have been importer
the bewn or katcule $\%$ an ni reply at the time to the observations of both your ablk thea ny opinions in that particular reman unch I reproduce a portion of the remarks bearine mell them in exfenso whether cpiphy tal or terrestrial, when osged up in require anore or leas mature, even when best initabl
 aluble- kow-inueed, such information is me moisture, the exposure, whether Bhady or open, of plants under cultivation, but it is not so desirabla y growers to imitate to the very letter the dowly less, are growing in their native oountry pretty mus cxposed to sun-de th, as witness, for exampla,
allusion (1961, p. 10fi) to Broukhtonia zangines

 Augush, and what is the consequence ? goes on so rapidly from the leaves and pseudobulbs ths ood or ansmilation, the leaves pet scorched, and if
the ohlorophyll is all but burned out of them, the plasi may die. . Most epiphytal Orchids do requir must intervene between the sun and the plants th are grown under a glass covering; the reason for whe
must be obvious to the merest tyro in hortigult Just no; the intense light and heat of a merid. sun must be obviated in every glasshouce, but so soo as it begins to wane, and when a number of the are ripening off their pseudobulbs, dispense with ) diminished light. I have said before, and now reitentim that more Orchids are killed with burning sum painment in a stilling atmosphere, arrompanied winter treatment to which they moy hove beon ant jeoted I has sees evidences of that times with number, and I am exceadingly unwilling that the should be aggravated by the Orchid
with his blinde, James Anderson.

## Ceder of Leberion In the I

 the letter I sents B. Johos pro Bishon stortora ( 9 gt), to ge of the tree is omittod. It was planted inbeing then about 2 feet in height, and having been grown Tenure of Nursery Grounds. -1 have had a nureery Tenar of vai hat and for matrs, sud bave pade my rent quarterty. or else to pay double rent. I am told he cannot pet me out under three sears except by pasing mee for
sto $h$, will inu please jnform me if this 1450 constant Reader We think to clear that the tenaney referred to in the above letter is a yearly tenaney, and, in the nbsence of any special aqreement (which, so far as the
letter shows, does not exist in the present case), we beliere the law in such cases is thit the tenancy is determinable by six months' notice, expirmy at the
expuration of any curreat year of tho tenancy. If, t:. rifore, the tenant in the present case commenced
hationgat Lady-day, the notice piren is good, but if he enmmenred holding (say) at Cbristmas, the notice Bemil nut be good, and he could not in that case be tugise notice for Christmas next. We think it clear
tuat ho cannot claim to be paid for his atook. There are sometimes local customs which have the effeot of
laws, oud which would be known to local land-agents: laws, aud which would be known to local land-agents:
but there cannot, we think, be any local custom such as he memtions. Our correspondent should consult has Picear cephalonica, -I see the liev. M J. Berheley obserses that the rones of Picea ephanima are wery
rarely to be recn (wee p . 101 h ). The tree here has producel cones for several years in successon, and I have rased plants fron them, this year there are a great
guantity. Pices Pinsapo has produced a cone this senson for the firat time ; it is quite distinet from cephialoniea, as the seales are smooth, like the Norway pruce, but the cones of cephalonica, from the base to the apex, have loose ovate acumisate soises, and which
afrest nearly horzontally: very differently from any cones I have seen. Abies Smithana and P'uea Sirable, I will take somae specimens to the meeting at
Sonth licns.natou era long. Phitip Frost, Dropmore
The Royal Horticultural Society's Floral Com"le I)" 1 learn that it is a mater of surpise that sixiety this sear. It is not beeause I could not have which tho IIorticultural Society dismasses members of the committee. For more than 30 years I have never, Committee in London. My disnissal was very trom the hast, and thanhing me for my services. I have since found that the reason ansiane 1 is that I has nnt
attended a suffictent numher of times to sdmit my atended a sumceent mumher of bimes to sdmit my
 Who live a long distance off, are first-rate judges
th the department they sre conatituted to judge and
wher the flowers or plants they rultirate are before the committee; but jullece will soon come from the viunity of Iondon som suaded that the ethictency of the Ifortirultural men from any distance that wild attend, and that Whit allow in influence to interfere with their judgapain sit on this committee. but I should not like
to see other old friends dismissed, like myself, witl. out warning. John heynes Salushury Thero mueh force in what ir. Keynes urges, and and thould not be relexed in certan cases. As an old
menher of the committec, however, Mr. Keynes must murely know that it has been customary-and we think is a proper custom- to make a alight change annusily, in order that this mary be done without injustice or nvidiousness we behove the plan of selection has been to strike of those whose atendances have been fuppose that at the last revision
 ear some one else
or Mr. Keynes.

## Foreign Correspondence.

## Trfits, l'fati- Whint the north and soutn

irfum an uni rampled hot and dry summer, tho south
f contrary to the usual course of Nature, enjoyed such moisture, as may be reckoned amongst the things of
Turd yary ocurrence.
Tuish foar might do much for the enrichment of meteorological erience, were it possible to determine strik nely remarkable depression of atmophere cessed,
und by a comparison of the prevalent win j a to find a means of explaning this remarkable phenomenon. It
is perfectly clear that the abnormal weather would alao ocrission
king
and then, a resume of the state of the weather of winter and sping ray not be out of place, especially as many
sprearances in the growth of plants in summer will be the casler of cxplanation. The dry autumn of the previous year was succeoded by a very dry winter, of the corn crops. It \#as only atthe ond of the winter,
in Februars, when usually the first buds of sprong appear, tbat rain and know fell in the mountann, and
stil more at Tiflis. It is worthy of remark that the Inth muantans, the priachual chand of the Cauczans. mountams on the Turkish boundaries were covered with unusual, ad towards sping time with extraordinarily heaped, masses of snow, so that postal trath met with constant interruptione anil had to contend mountains almos aninterrupted evaporation threr itsel oofitry was almost dried up. Maroh and part of April again were dry, ihough not so
warm as usual. In April followed a kind of rup. warm of the clouds-the first contunuous refresumb of the earth in this year, to which a few heasy blowers in May and June, though weaker, bore most resemblance. between times, however, it was apaln hot, an during the whole year prevasing woak cast Winds only increased the eifect of the sun. country, as well as upon the siopes of the morvests wore under the everage both the hay and corm harvesta wore under the average in quantity; and, as the farmer gays, nothing will gro
 rare yot plentiful rain, wo searee ly remember to lian
seen ancha amserable cropen cut ref of liay or corn as if to spite the rapmils pasions senson, whath is ber usually distingurshed ior the exerssive Aroughta, the enst and south winds montinued, and brouzht such a
thick mass of rlouds, that from the mad 10 of July until the end of Lugust cleat sunny days were raro, and frequent heay showers of rann eaused conthumas noi-ture of the atmosphere, to wheh the nerghinur-
hood of I Iflis is otherwise guite unacentomed. From August 19 unthl about september 10 there wha pause in whuls the whole fierceness of the Asiatic
sun again ratser the temperature considerably. raine 1 augan almoe temperature cond after a then warm dayan on the evering of september 37 , i perfeetly one did not lnanstorm broke forth, and for three hours ceas a not know which to admure most, the neverreas.ng gitter of the lightming, of the as unceastug which threatemed to or the ruvhasg massec op whe day we have akain the healthy refreshung north-west wind, whelh, like a true angol of heaven, purfice the stagnant oppressive atmosphere, the result of the damp east and soluth-east winds, and makes il enjoyable. The cool of the evening only made itself felt 10 contrast to the temperature duriag the day about Sentember 10. on the 1fith there was a sla
It has already been said that the cereals, 15 a rule were nol favoured by the weather, their harvest ind an-mpence of which the harrest was not on fields, owing to the want of wharage, and that ingeched
provision was loat. The Vine promisod s harvestrioh beyond all precedant; whole rowe of Vines were be been in the vineyards, back bemitag not under. 10 burches of Grapes, and many having above 20. During the blossom, however, ratn fell, mildew followed irtegularly, in the month of July, Osdum succeeded, and though arrested by violent rains, it afterwards spread nuscay neter betore observed Catil then tho Auscatelles, Isabellas, Labruseas, or some simitar kinds had been quite, or at sny rato in a qreat degree, seen, the most tender Grapes, whose place of ore to mone more tondar origin popuiariy beheved trobest, are all and equally ill. Tere, too, it is to be noticed that the stagnant, almost windless, atmosshere a youred the dispase, particularly in thosedistrmats whech were open to the south and south-east winds, whilst other phoge only tin versts from filhs were spared and without any artificual protection bore a good harvest. Only those who have reqularly smoked their Grapes with brimstore can show goor oues, it is asserted that in and near Firivan, so, where, on nccount of the winter cold, the Vine is kept covered with earth, tud where for want of wooden supports it is made to creep along the ground, the ine disease is an unknown thing. 1, myself, have tried this method in a garden where sixe years, and, with the assistance of sulphur, have had a cood result,
An nld white, small-berred Fine, called Portali,
wh ch hat reminaned nnelipped an an experiment, a

ard ald that anmther experiment of clppyng a hine short, after the French fashion, was quite a falureith
the same way that a French gardener in the neighbourhood has destroyed a Pesch and Aprioot plantation in two jears, throukt the mhort Prenoh out as he the loss of sap.
The abnormal activity of the atmosphere
hown itself not only in the cultivated plants, but also in the foreat trees. I giva a fent proofs, which will speak for thenselves, it has becond shoots, or so-called Aurust shoots, were much stronger than the early shoots; for instance in the Ouk (Cuercus) they were very
remarhable. Others, like namy Robinir Pieud-Icaria, lilia, Acer obthastum, Rosa hyberla bifera of various suddenly threw nut new leaves, and mamedrately after, short, weak side shoots, others remasned quite bare, and Most of the evergreens have an exuberant green, such as one very seldom sees in Tiflis, and more particularly
all Coniferse distinguigh themselves by their enor-
mous growth: and I have never seen a single
exauple out of meny hundreu whing in the least degree showed signs of thlturhed arouth.

 January, Gigciae sined-is, Cri-ds Laburaus.a, these species 15 remarkabee, as u-waly after a dry summer sad moist autumn this appearan poccurs much period of repose occasioned bs thar oromathen of the summer, so that the prowth was not interraptel As a sisn that the molsture of the spirin' an 1 evell winter has more mhluence upmintine thenas of the beremual plants, expec ally upon trees, the fullust, atz olservation may find a phate. Su haewly-bed dif. ints as were no nell watered in tho sprma cavo invatianeme resulte and also in the well-watered piantings ine growth of
wood, sca, whas very unequal, weak, and uufavourable. It was only in tha second shoots in ingust that s stronger growth wns noticeable In most casos, too the second hay harvest was better thnn the first. Tho withered yellow of wither ton rivus hee end of siptomber, matand of, as unala in 31 it The foremma!

 not been nots ent, nud the sar) the thoirisias still in the fall heauty of frlingo and flowers. If faw 1 wwers bave anfered thromzh the depression of tha atmusphere-
 Remiontante finses have run extranrdiaq?y y t wond
 Mure, Dra, ellis, Bezombas, \& oxefllenty.
The quality of frusts, the Vrine incluled, is under the average. Tue best minter frust, "rotul, pluehen, does
 Even tho trees, proticularly the Apples and llums, ary
 uneatable. Tae lyewhes lost their r, lines as early as August, and with it therr frutt-, where exces sively watery and tasteless. It might be worth whule
to find out whother these anpearancos were cau-et br to find out whether these appenrancor were cau-et by a rungus allied to the rumber from Funcus-like formainns, lost




## Noffecs of 3600 欮

The Malay Archipelago. Br A. R. Wallace 2 vals. well known to the screntifin world that Mr Wallace, almoat stmaltaues asiy with Mr. Darwin, of anecles, and that from the distant shores of thi Malay Archinelago be communieated theso eonclusions to ar. Darwin, at the very ume when the
latter was abont to give to the world what is now known an the Darwinian theory
Wandering amongat sembeciv.lise? nat oni, roanely noting their types, mannors, and lansintes, making and usects of these rekions, and recordinz them habits and reozraphecal distrabution, he ac umalated duriag the space of ercht yean e past number of obwervitions bearing espacially on the lattor queation, and, an such difficult quastion of the former distribution of land and water over the surface of the globe. Tho obtain evidence bearing on this point, and on that of the
origin of speries, was Mr. Wallace's great alm, to which even the collect.og of bird, and insec's was
 industry in the lather demartment, the almist as
numerous facts and observat mint atherel by hom on
 muating the various pompts which bear upon his sub-

## bring irresistible conviction to their minds.

 Knowing Mr. Wallaon's high standing as a acientific instalments of his results in the shape of ahort paper in various periodicals, naturali-ts waited impatientiy trapellers who rash into print mmediately on thei retura home, stmply publithing thenr journals aswraten and consequentiy istumg bulky and but partially interestrag volumes, Mr. Wallace waited sis years befire glifng in, in tro smail rolumes, has desired book of travela, hat materiala in snn $n^{n}$ a way a
 the world in whats he hives an l worh ed so !ons.
He has followed a somewnat peealare plan in his
 group of ishant, closely connecter by its fanna and
journeys and collections in each island are first described, and a chupter is then devoted to the natura, hastory of the group in general. Wallace's vartous expeditions did not correspond with this division; but he mas wisoly thouzht that it is less instructive to hrs readers to asecrtan the prectise order

The thrst chanter is deroted to the physioal geograypy of the entire region, wheh Mr. Waliace divides into two portruas, easaly traceablo on his physical nap by the shallosy ser whech on the one hand connects Sumatra, Java, and Borneo with the Assatim oontinent, and a simular shallow sea which connects Now Guinea and some of the adjaeent islands with Austrulia. "We have here a clue to the most radical contrast in the
Archipelago, and by followisp it out in detal I have Archipelago, and by followisg it out in detad have arrived at the conclusion thats, which shall so divide them that among the $15 l a n d s$, which shall so divide them that one-half shall truly belong to Assa, whie the other
shall no less certainly be allied to Australı. I term shall no less certainly be allied to Australia. Iterm Malayan dimsons oif the Arihipelaso." ( $\mathrm{I}, 1$ i.) Thys division is ont letelf supported by an examination of the anvual productions of the various 13lan
(though not to the same extent by the plants), and (though not to the same extent by the plants), and tho great islands of Java, Siumatra, zod Borneo resemble in their natural productions tho adjacent parts of tre contineant,
 abiy whallow, and 1 latls. the exitentee of the extensive range


 And fur ther -

## 





## These two main divisions are then subdivided into

 Indo-Malay, Timor, Celebea, Moluccan anif Papuan groups; and in his sccount of each, Mr. Wallace not
## 

 and unespented fors, aril it in irf, hres the shemar andennted for in monther way. Well mat Le conclude as sheters of the phywel genzrapihy by sayink-
 in interpethas thu frastments of esuinat amanis ind in the


 In forming his mellenton, Mr Wallace maiuly ever, nrglent the rurdaus mammzin. \&. Whath hame in has wiy, hut preaprven ikins util inelntint whenever

 extract. Ailvoishler he killed is of these animals, for Whictir, que was hiokst factor, thnae animas hring ereat nulsances from the
 than they mat.
(2) the ishamities on he eneounterad we have many graphu. in in 's. and it seems perfectly marvellous how well he stomedud, consudering the means at his
disposal. His plan on arriving at a freah lonality was tin search for a place where insects ware likely to himself for ontie weeku as near to thes as he conld : hirnge a house when one was to be had, and building one whem there $w$ ne none. in! what hotusen they
 might have the use of, if it would suits mee. It whe quite


unco aceepted the littlo one, and doternined to make the best
of it. ut firat I thougit of taking outt the floor, which would





 by suldenly risnog from ray ohair, i learat to nceomunvuat hat entside, z bench on when my lads could skan their iirds (II, Jus)
Amongst the miseries incident to collecting in tropical country, insect plagues must cortainly stand foremost. More than once Mr. Wallace was confined to has house tor weeks by ulceratel feet, brourht on by
the attacks of mosquitos, sandlieg, sco., and he spenks very piteot
bus work:
" Tho stings and bites and ceaseleas frritation caused by these pests of the tropical forests, Would be borne uncotuplainingly, but to be kept prisonar
are to be mot with in every forest manule -2 coulutry reichen present centiry ho akain risited for the sane prirpose-is ia punisime

Moreorer, his birds and insects, when orce paught, prepared, and added to his collection, still required the utmont watchfulness and cure to prevent their belag destroy 1 by ravenous creatures.








devvur under my table, nod all chant my bives an 1 thakets,
keeping me in a atate of subpenve till mornmb. lest tomethtng of palue might maxutionusly have bewn left writhas their reach. They would drink the oul of my floatiog lamp ani eat th


## 

Ant, of conraf, wern uh quitoils, and it must haw heen a werk of no small duffien ty to corcumvent them -"They swarmed on my table as i was at work my very nowe insects, carroing them from the very cards on whou they were gummed, if I left them for an mstant" (II., 33M.)
In spite of all these troubles, in spite of ograsional fevers, bad food, voyages in native boats aqainat contrary winda. When he sernis to have heen invariably lenee or sustecton of the natices, Mr. Wallare worker lener ar suspo apparently on the whole thoroughly enjostar has nomadio existence.


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## 

 wrealkden ( $\mathrm{L}_{1}$ 850.)Ocereionally Mr. Walluce nntices a beautiful Inser hnt it is not often. The reason for thas ant, however that he was so engrossed by his own spee.al purstits aon overinn: them, hut that in tropical finsesto hrigh anpet of Vature. The following extract may serve to dispel thasons on this subject, whoch may be entertaned by thase whe have never visited the tronics:-
picture to himsolf in ruch a spot many othor matural benuthe





The number and varrety of the topins discusser these two volames canaot be even tourhed on wi the himits of a review, ali bears ovidence of car sideration. Mr. Wallace's work is by no means classe 1 merely as au interesting book of travels; it
take its place on our library shel to, a3 s standard authority regardins the countrion has so carefally studied, and so ably described.

## Florists' Flowers

Any notice of the new show Priamontruact present year would bo incomplete without of the honoured name of Beok. That name-w in up in the annals of floricutiture-has been so loak an production of nes Pelargonums, that, were it to struck out of our molerin records, it wouk be like napping of one of the stronce-t bonds bide witil much of success in the present, and hopo 1 the future of florimulture. When, a few vears
 of Pelarem by Mr Wigatns, who for the past lis years has borot imprertant purt in all that lhas been so The fu-t that Mr. Wigzins has not publed erthbitel his seedlinz Pelarg milms toms season ait whll ba remembered that, he th at the Junos Jnly mepting, of the Thasal Botam: Socsety in 18 Ir. Wing ris exhabited some very promusinz yeatio
 cedure. Those who were reaters of the pariy volu Beck had before him, and to the aty lieal ceasingly laboraced the attaimment larae degree Mr leet minn lated this hahit with new vanctias, and one his nuly to onspert the 1 varnetien of the payt tiree zears at 11 orton Cottga sen $\mathrm{l}_{\text {a }}$ w nu unh thas has heen fultillerd in the later fon有 his lim opinion that what was necessary hrm $\pi$ first-rate llowser whs to 3 preat ext attained by high cultivation, and that alone, he yow firmly beleved that the conetert bren sth of jetalsa onsequent roundress and filness of jonser, wesn ditferent flowers it is also truo that form is a losi tharacterinte of the Isleworth flowerc, down to preaent tume In further workite out his impit menta it would seetn that Mr. leerk placed form a very mueh hisher elevation iu the caterory of desisers mprovementa thin weth stieve of attar form at a iater dote, Mr. Beck, it would ap ormarted this proceas-s process atill continu Worton Cottage I think every impartial obse mest hava been driven to admit, that during the the
 siown hy Messrs, Fuster and Inyle; but that they
qualities of form and habit commenalurate with tho qualities of form and habit commenaluate with in ply
size will perhaps be as freely adovitited. Still, flowers ho intends to distribute in the cominh nutus
had an opportunity to inspect these a few werks ust conclusion as to thele merits ; they ware pr ap "fl from the taint of dressing or the wrapl

 pantel with ink. maroon tep reth-, with ree of tine chape. Dove, a lar's" pure wate fl wser, of fine shape and substance ; larre dark bloteh ou petals, lit up withi fu, carmins, and edged with
F'Irefly, bright red, having a darh spot in each netal, dark top phtals, fine uiape, and remarkabl hocolate, dark ton, pertalo, marshuni wath, punk, large and bold. Rivez hurbazn la, rise lower with large white lhruat large dark hutch on to moryl shape: and Fictoria, in fine larye in stre salmon-rose lower petala, Isrice white throat, dasi The others form vermilion, and edged with for this jear are- Bonquet, pure salmon lo
with slight pink spots, white throat, dark
margined with rosy salmon, flowers larzo sad freeblooming Cardinal, bright maroon lower petals, sape. Cor dark top pelals lit up with verm. If an, sud mirgined
with deep rose. Flora, a largo whits flower, wita darh top petals; an aluand, it bloomer Flurence, luac lone petal-, Delledi en with rewo, dark waroon topp jetal-
 fower. Mondesty, a pretty litar llower, wilh darn top
petald, marpued wut pale muk. Mullitiora, lowe pethe pate rose, white tr ruat dark martom top letaly
with broad margan of rose. Ponto auother larze darh pantel homir, with rich shaded dark top letals maraned with lively crimson. prince of the we, lumer pale mars.a. whte throat, dark blotch on top petals, and broad
margin of rose; flowers large and stout sultana, rich rosy salmon lower petals, fine dark maroon top petals, margined with rosy salmon; free, and of fing shape. Saiamander, lower petals warm orange-rose, with large dark maroon top petals, aud broad rosy margin; and saowflake, pure white lower petals, the upper petals haring large purple blatehes and edging of white. Pelarkiminms for the dipenent atatum, an combine. with what Mr Turter tow tol dintribitew
 and fancy Pelargonums both, the former towerins hould, and realy nught to raise a little the standard of qualaty in the flowers they exlibit at provincial Mancheater Horturultirrl society, and at the areat dowerin Peral Horticultural Society, the largeConering Pelargniums were not of so highan order a Leeds and lork and oxford, pre no down distriet teeds, but the exceptions are very fers complaratively. Cultivated different varieties are seen wel grownupon; and a manner worthy of better sorts to operate rasers to produce now and improved varieties, it should also be the endeavour of exhbitors to keep prace hands and crown with success their praseworthy efforts. R. $D$

Mr. Wr Wills' newt has issued moloured illuatrationg of Mr. Wills' new Iys-leaved Hybrid lelaranummz,
named Wills: and Willan rosea, hoth of which were named midely in bloom at the last Floral mectins, They are evident crossey letween the lither.pes ath scarlot or ingunan- sections, have the thowersof two
 in the case of one, nimed Frans de Bovelent betm named Silverwitje, geems to be a good sil
with lrnad, well-defined white marging

- We have just recrived from, Mr. Cannell Wh.thare of remark tble stan anll hequty One 15 quite
 lone, and an inch and tirc-esiathis bron3. Auother more refined flower of the expanded class mensures
fully $2+$ inches across the corolla. Both the foregoing fully $2+$ inctess across the cornils. Both the foregoing are of a reddish violet; while annther of the ame form, and dearly equal in size, has the colour of a roiy lilae hue. Tleere are besides many fine acquistions of other types amongst them; but as the blooms are
not nawed, we cannot refer to them more particularly.


## Cbe $\mathfrak{M p i a r y . ~}$

THR "LONG Economic BeE HivR"-We extract September readers of the Journal, to fpenk again of the con venience of something like the 'long economuc hive described in the May number, for keepuar up a supply
of celled queens. It wall be remembermd that, in thas of celied queens. the frames are insertell crusswise, with twn entrantee on the sunys s.de, one near ctither ent. I, quetia

 part will, from her cyzat proceed to construct queen
collo, which, atter ning days, mas be carefulty out ofit and removed to other hives, or to queen-rrairigg bozes,
and the gheen, with due precsation, changed to that cnd of the hive, when the unqueened part will, in turn, proeed to const ruet queen eellin, and
nately. Tue aulvantazes of this methol are seacon, a anpuly of maturina cells . Iin agety. The beps in both parts having the same
mother amell alike, and like her, on which account sue is nut lihang to be muren! in the chinine, nor remov. i from theys tand, are not in younger grahs, or with egRs; and the stock beinz stronger than a small nucleus, keeps us a more equabio temperature and a hotter supply of food, producing more perfect queens for future mothers.
i. Its certainty. Br this process one is sure of cells
at the tune, and as there is supposed to be nothink the queen as raised, unless spolled or injured in the the queed as raised, unless spoiled or injured in the hree of my best queens in this way, anl so have every tree or four days a fresh supply of wells, to be made wise, tos runture fur marhet $I$ have is yet lost a 0 queen by the frequent change, and the the nethod Thie Eultor of the "Bee Journal" remarks on the eerompaper, that tbe hive alluded tuand "describer $y$ the Rev. Mr 'fruesuen in a former number, seems Bo substantialiy a wore convement form of the at pleasure, for the multirfication of stouks and the horage of honey ; or with dua alternation, as a nucleus
hape for rearing queons, or aupplying queen cells continuuuyly.

## Garden Memoranda.

Lea Bridar Road Nubsertes, Lefton, Essex This old estrblishment has been long and frourabl known for its Heatha, Azmleas, and Camellias, Whioh
 he wace, but other subjects are alsu done well here, as rove to any one who lizs the "nlatest f11 $=5$ for the The prinepal attractions at so adyanced a period aro, of course, the plants grown outtide, nevertheless mo may rotice a fery thangs in the houses. In the how-house, which had contained a fine diaplay of Lilum, aurafum, Were some small nucely-furnished plants, in $18-51 z^{2}$ pots, of that elemat scarlet-flowered
surculent the Rochea faleata thas, wheu well grown, sunguent the hochea faleata thas, when well grown, makes one of the handsnmest autumn-bloomine plants fur indoor deroration, The Campanula frapiliz, a free
growing traling yaricty, with gres-blue flowerd, and growirg trallug varicty, with gres-blue towerd, and very effective. Another plant that bas flowered wel this summer, an 1 is renarizhle fre the sweetness and delicacy of Whatomers, Nerum album, sometimes beantiful thourh rery muth nonlected class o ninergreen shrubs, which are easily frown, and
Hower freely in a stove for the greater portion of the year. In a small stove were some dwarf bushy plants of I xor.ts, whech Mr. Fraser informed us ere sect ings, about ono $y$ car old: they seem to flower Auother remarhable character in them is that no 1 wo tlowers conce exantly alike in colome. Thas methond of
zrowing disarf bunly frec-llowering examplea of the
 whare platio \& tho kind are aluat 1 In dotu ul or for
were flowering very freely; thim is a fine yellow-flowared robast growing lind, worthy of a place in evary stove, tralne towers well up to Christmas. it is a fan positio is one of the olid The bearites that used to eximium exbibitions in bears cone by, but is now seldous ac besutiful coral-red colour, and have a considerable pesnt the a Stramberry. prowine the canars he, as in and they retana their colour, and are well suited for filling vases in winter of Clematises, tro varieties were growing out-of-doors which deserve a word of conmendation, 6, candila, white, one of the hest
and freest bloomers; snd lanukinose niven, pale blue, a good flower and a continuous bloomer.
A bed of rerbenas here was very showy, all the warneties contained in it belng in fine condtion, not mithstanding the unfavoumbie season for this clasg of We were tol by Mr Fraser that it contatued only those kinds which had bect to be first-rate for general proved to his satifiaction to he first-rate for generad what are really guod, we pive the following list of
varieti, whin whe co highly estecured by Mr Fraver

 ofe; Lirand Durhesm, white, with lilac-rrimson centre-
Criumon Kig. crimson-scarlet, with lemon ese; Snow Crimson King, crimson-scarlet, with lemon ese; Snow lemon eje; Delicata, rosy
Denimson, palo lemon eje;
scarlet naroon; Mra Hollord, Fhite, and last, though not
least, Purpie King. Theso are all firat-rate, and can new bunds sent out this ceason, Lady Follkestone, moy rramion. Carolue Sm,th, rosy p.nk, Yery free bloomer
Fanmy Inrtin, of a huzhter shade than the former,
 dirk sirrlet, of cood sub-tance, all appear to bo vers
Tun\%onal Pelargonium recerven areat attention liere Mr. Fraser being one of our moat able culuvatirs of this class of planta, as is evinced by the fact of has
specimens nearly alwas takang first honours at the various metropolitan exhibitions. Amongit nosegays, Monseigneur Dapanloup, cresmy white, an ammense
truaser, is a fine bedfer; Chasm, very fine, deep scarlots

With large white centre, 18 first-rate; Mdle. Niluon, pink, a large trusser nud free bloomer, is one of the best of the pink bedding nosergay, and a great sequyi-
iton. Docteur leeprand. carminorpurple, larga and lion. Docteur leexrand. carmine-purple, large and compact trus, and free flowering, 13 a kood variety for pot culture as well as bedding; Luc,uz, cerise-scarlot. it wery fire for the latter purnose In the variegated eection, Princess Alexan irs, brixht green follaze, with a broad margin of pure white, is an excellent bedding for bedding purposes a pieared to be Jadame Lemoing for berding purposes appeared to be Madame Lemoine, very fine pink, and dwarf in hal, 1 and I mperatrioe Eug nie, with fine flownrs, of a brighter chade of colour than the former, and with little or no 2 nue in the leaf. These, however, alwass appears to preater advan-
tare grown in puts under glass, under which treatment Or
Or herbaneous Phloxes Mr. Fraser has a fine col lection: indeed the cultivat.on of this flower is one of
the specialities of the establisliment, and the colloothe glecialities of the establislment, and the colleo tion when in flower offers a very pretty sight The lator blooming kinds, whith are derived frnm Phlox
decussate, are the most grown here, Mr. Fraser decussats, are the most krown here, Mr.
decidedly proferring them to the $P$, suffrutioone, or the early flowering section. Amongst the newer Continental varieties are several very desirable sequivitions, inasmuch as they are of fine form, and in various coloura, appron hint to seerlet, from whenh we hope to
see it goost sarlet llowering varety rased of the aee at groud sarlet llowertige varcety rased of the
re ent introductions of this chara ter, the following are aferitly litir-Monsientr Paumare. Tich salmonrose, (rivire de. . cull, deef rusy strut sumamason salmon, afterwards becoming more rosy; Aurantiacn superba, rich orange-red with fine crmson centre, fane flower: Liveair, fine bright crimson, of goon form, Monsieur de Lannay, brilliant rosy, red; Proossor koch, brilinnt rose sulfused with saimon; gad
Dr. Parnot, pale oranye-rose. These are all very fine Dr. Parnot, pale orange-rose. These are all Yery fine
flowers, and worthy of recommendation, Amongst flowers, and worthy of recommendation. Amongst little tiller grower, Madame la Comtesse de Turenne, pery clear, with lmie volet ele, Malame Domage Comendid white With, large fiolet-crimson ese; and Comtesie de Malart, suffused White with arge rich urimson Centre, first rate, are first-class kids.
Monsteur Malet, delicate lilace, is quite distanct, blooms reely, and very dwarf, not growink much more than 12 inches in height; Madamo Lemort, bright rose
crimson centre; Mavame Godefrey With larze crimson centre; Makame Godefrey reddish erimory, very distinct, Soulouque, purpligh lilac, and Comte Lambertye, rich glowing crimson
aro all very fine flowers, bloom freely, and are very distinct.
Another plant that 1 - gromn here os ase article of trale is the P'entstemon, a llower that has lately Hie thorst. dimong, a lot of the new sirts the

 Bons Villagess, dark red, throat white, faintly pencille Griachu, puipltsh lilac, white pencilled throst, large,
and very distiact. Leun la Prevoste, crimeon; Grande oade, deep crimson, conspicuous uhte throst Chly marked throat; and Richard Gutterman, acarlet, very showy, and one of the best. In addition to the therr dwnfiness of krowth, and compact free-flowering habit. The following may be mentioned as being the best amongst thas very pretty and use ful class:- Came
 white throat, large and line: 1)uo Job, rosy red, deep rimen throat Iaria Heed, pale kilace, pure white throat, and Henry Rerson, rosy scarlet, with white, andly-lined thros
Amongst other kinds of bedding plants were several varieties of Lobelias, of which L. pumila grandiflora, blue. was the best of the compact-rrotring section. Most of the new bybrid Coleuses hare been tried here, Princess loyal, in Mr. Fraser's estimation, being the best for reneral culturation. This nursery is one of the Warf busty plints, which consist of ofer 30, thin. prinel

 aqainst the end of Mr Fraser's residence. The flowery are large, white, with bold yeliow centre, and are proTheed up to the ond of November in avourche seacoin positions.

## Obituary.

ABAOEICCLTCRE has lost one of its most enthusi estic supporters in the person of Grorge Parron, Esq Lord Justice Clerk while mysterious, fate, has lately created so murb sympathetic in in in in 1 1an3, was calted to the liar in 153A, was apporinten
 especially in arbnntalture, the (im.ferce helere hi


oharman of the Oregon Botanical Association, he was instruments in introducing many valuable new hardy the number and one of the novelties thus introduced Fas named after him, Abies Pationiana. It appears that his lordship, in a fit of temporary insanity, left his house on the morning of September 20 , and proceeded
to the bank of a deep pool in the river Almond, in Perthshire, where he committed suicide-a tragic end, which has excited in the community a deep feeling of sorrow, and awakened much sympathy for his surviving relatives.

## Miscellaneous.

To Render Timber Incombustible.- Herr Reinsch concludes, as the result of his experiments as to the best means of preventing timber bursting into flame, that impregnating timber with a concentrated solution of rock-salt is as good, if not better, preservative
against it bursting into flame as water-ylass (slicate of against it bursting 10 to flame as water-ylass (silicate of
soda), while the price of the former salt is, of course soda), while the price of the former salt is, of course
only a mere trife; moreover, rock-salt thus applied to timber is a preservative against dry rot and noxious
insects. He recommends the use of salt water, that is insects. He recommends the use of salt water, that is
to say; a solution of rock-salt of moderate streugth for the use of fire-engines during a fire, as by far more
effective than water; but in order that the salt should not injure the working parts of the engines, they will immediately afterwards have to be played with fresh water, Builder.

## Qarien aperations.

(For the ensuing toeek.)
PLANT HOUSES.
THE lorely Eucharis amazonica, with liberal treatment, may be induced to form flowering spikes at this time. which will come into bloom and prove very useful at or about Christmas, A nice amount of
bottom-heat, and full exposure to the sun, from this time onwards, will materially influence therm in this direction. Few plants delight more in a plentiful supply of ruolsture than do these. When the leaves are frequently sponzed over, they thrive much better than when a quantity of dirty particles are permitted to accumulate on them. The free-flowering and useful Tritonia curea will now, in most instances, have done yellow. cultivators to lay the pots upon their sides, so as to dry both the soil and bulbs. This treatment, however, is antagopistic to the real requirements of the plant: for
immedistely they cease to flower, aud the surfaceimowedistely they cease to flower, and the surfaceepring, from the old bulbs, at the base of the current their roots around the commence to grow fast, winding massen. Therefore, to dyy the bulbs off at such a juncture
it is remembered that they alone produce really fine flower-spikes, and, indeed, are often double the size of thoso produced by old buibs, which have beea premait is necessary to treat it precisely in the same way as Those varieties of British Ferns which have rest, grown in pots for conservatory or similar decorative purposes, and especialy those which are deciduous in paratory to resting them for the winter, after whioh paratory to resting undm for the winter, after whioh plunged into s sheltered position out-of-doors until the ensuing spring. The beautiful Ipomear Bona nox Ting, mas be greatly assisted by the application of a little Weak manure water. The richly barred white flowers of thus plant, the Midnight Lilly or Moon-flower of tho native Indians, open only in the evening, diffusing perfume all around. It should be grown more eeneralif,
as it does well in a cool stove, and is an annual, or at as it does well 1 ln a cool stove, and is a
least does best with me treated as such.

> FORCING HOUSES.

The weather whilst I write is all that can be desired for the final ripening of Late Grapes. Where any do not ripen properly, lave a tolerably free reeort to
artificial heat in the early part of the day, with as
plentiful s supply of frosh gir as is plentiful a supply of freah air as is convenient at all quationable utility. The prasent fine wather will $1 n$
lite manner saist Pines which are flowerng to set
their fruit well, fact of no hittle importance when it their fruit well, a fact of no hittle importance when it is often experionced during some gart of this meanth. structure splkes be removed into as light and waria may receive a routine of treatment pecularly adaptert to theun ielves, irreapectively of what other plants in the same house may require, as no makesmift practices will sulfice for them at this time. I scarcely need say that these remarks do not apply to those varieties which adapt themselves to the exigencies of such a period, such as the Black Jamaica, the St. Vincent, sc. In rerard to the outer air all those which have become denuded of their crop of fruit as quickly as possible after the
fast bunch has becn renoved. This applics equaily to last bunch has been removed. This applics equaily to
the small vinery of the amateur. No artificlal meana will ripeu off the wood so well as a nice diry air of
moderate warmth. Aford a nightly coperiog, us by throwng a mat over all late frame Cucunbers of Helons, so as to maintain a moderate warmth by night to the last. The nights are now beginning to respech The early Mushroom-beds, which were soiled
over some two or threo weeks since, and the surface of
which show symptoms of Which show symptoms of cracking, should be occa-
sionally sprinkled over with clear tepid water from a fine-rosed watering-pot. Cuntinue to coilect materials for other successional beds, now that the weather is
dry, and the droppings may be obtained in the best dry, and the drop
possible condition.

## Mardy frutt garden.

The crop of Peaches or Nectarines not having been heavy this season, it may be weil to remove entirely allow the air to pass mare freely around those which remain, and tend to ripen the young wood better. It large leaves in two, across the midrib, conduces graatly to the formation of flower-buds; hence, as much gross wood exists this season, it may be well to resort to thus system of restricting the cruder sap. Persist in pinching back all young growihs which form after this date, and by these means
to rest as early as possible.

## HARDY FLOWET GARDEN

Those cuttings of Pelarooniums and otber tender subjects which are used for summer decorative pur Coleus, \&co, and which have already been struck and become well-established, should now be removed under
the shelter of a frame. We may now antioinate a the shelter of a frame. We may now antioipate a ginght frost at any moment, this caution is therefore
the more necessary. Dahlias often suffer graatly from early frosts: I have, doubtless in common with some of your readers, known the earlier autumnal frosts to be so severe as to 10jure the tubers which are in the
soil. I do not hesitate therefore to advise all mho place a value upon their stock, to draw a hittle additional soil up around the baso of each forthwith Terbena cuttugs must now be pot in where the operation tha been delayed. They strike best placed bright sunshina A general survey should now be made of all chotco Perenaichs, $B_{1}$ manals, so., and any cuttings, such as Antirrhinums, Pentstemons, do., the latter, aganast the severity of the winter, had better be placed into pots or boxes in the form of cuttings; they ran then be properly cared for. Secure the made from amongst those grown at home, save only the wery choicest. Sow a pan of Nemophila insignes the early spring months.

KTCHEN GARDEN
Choose now a dry day for the purpose of clearing the late Celery of all usoless leaves, minor side-shoots,
\&c., and so aid it in establishing a robust framework, preliminary to the first earthing-up. The earlysown erop of Carrots may be taken up and properly Remove the la some convenient place for first use
orohard-housos, or other similar make-shitt places, plantod, first trasdig in the aia firmly around each Koep a watchful eyo upon the weather, and should stock of Tomatos into a warm, dry place, to forward the ripening process. $W$. $E$,

## TOWN GARDENING.

Grass Plots and verges should now be well rolled, preparatory to the last mowing. The elgings should also be trimmed with the edgink-iron before digging the borders, which will give them a neat appearance. The bo cleared. A good dressing of leaf-mould and sand should be dug in, and left rough to swecten till the latter end of the month, when they should be levelled down, and the bulbs planted. Pits and Frames should now be got ready for the reception of plants, and to keep down the worms. The plants should be moved into them as soon as possible, so that they can be protected from excessive ralns. Early Tabias which
aro suituble for window calture, should be nt once aro suitube three in a 48 -size pot, about an inch below the surlace, in two-thirds of sandy loam, and one of leafmould. I believe there are no better varieties for this Vurpose Than the red, white, scarlet, and yellow Duo five in a pot, four round the edge, and one in the
centre: also Narcisai, putting only one bulb in a pot centre: anso Narcisin putting only one bulb in a pot,
about an inch below the surface. The pots should be placed out-of-doors on fine ashes, and be covered with dififerent times, so 日s to Keep tr a suocession. Aweubas,
Lincs, Box, Blander Senna, Viburnum Lantana, \&ice may nom be traupy unted. In planting them, see that the hules are minde large enough for the roots to be the roots, and be trodder in frrmly all round the balls If the surface is afterwards covered with short litter, it will be of great benefit to them. J. D.

STATE OP THE WEATHYR AT CHISWIMR,

| Ortober |  | No of firmtect Fears in Qunntity <br>  |
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> Notices to Correspondents.




##  

|  grow in any gooy garden sout. A rich lomm, not too light filee textare, that whll retain moisture, but not too much, suis Wh It it good coating of woll decomposed manure, anch as the of exhauted f'ucumber beds, 登c, with roteren leazey ant leaf mould, if eather of the latter bo obtaizable. The garded shoudr then be tresebed, mixing the matnure well with the gul when ligging it ith. If yuur bede are eld, or the sirfeat conisist of olil garden sonl, this will be ossentially necesgary. The beat time for phantirg is early this month, whilut the ground is warm enough to encoraho the plants to make b Lealthy root growth bofore winter. The furts best adapted for cultivation greatly depend upon your requiremonis Say what you wints in this respect, and wo wil ondenrout to furnish you with the desired information. <br> The Late Jamas Veiton : AB. As you Fightly ary, the Ary. curla avenue at Bitoton forms a living monument to thy lamonted goatlemas. The glorien of Hiletur have recantif boen amply pourtrayed in our columas. <br>  subscribers, we may ntate on authority that Mr. Thompras received the greater part of the money subsertbed for $M$ beneft during his lifetime, in periodical ingtalments. balance of the fund will be applied in accordance with thathei dfrections mado in his will. The Royal Horticultut Society contínued to give Mr. Thompson his full ealary up/in de the time of his decease. |
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|  |  | Soctions mado in his will. The Royal Horticultartiona

the time of his decen give Mr. Thompan his full ealary uphy ines. A B. Nixberth. The statement in "Pearson"s Fiop ct
Culture," respecting the Trentham Black Grape, is quiber correct, and the other statement you mention in wrong Eteet
must be cut as soon as ripe, in fact before the Blact Hat ab
 part of the season. noticad at p. 1018, was shown by
not by Mr, George, as there state



AWES' WHEAT MANURE, for AUTUMN




## Wheat <br> 

OWN'S FARMER'S FRIEND for Preventing the




 be prorlded win
Iroz Cleterne
BPABY ANy CU, having laid fown moro extemive



L:STS OH APPLICATIOM.

 Cottam's Iron Hurdles, Fencling, and Gates,



Phelr zimintige RFo-Porthbilts, not Fiturest remorable at
atorv are exh thed, teether wtin stwral traportant 1 mprore-
Caution to Gardeners. - When you ask for



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Pastoon Workh, Shofiold. Established apwaris of 185 jewrh,

「ПHE GENERAL LAND DRAINAGE

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 THE LANDS IMPROVESLEI CDMPANY.Tohn CIat on Feq, D. Whtebaincrocky P . F .

 Word Garlite M, P, Ps, Entou Squars, SW., and Gallowny Howe








THE BIRMNGHAYCATLIE AndPOUITRY SHOW,


 Tho ENTRISHCLOSE Gn MOXUAY NMr mbur 1

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Che agricultural ©atette. SATURDAY, OCTOBER 2, 1869.

##  <br> = <br>  <br>  <br> 

Wes recur to the subject of the actual cost of Reiping by Machivitiy, as illustrated by our yractical experienco durnir the prast seruson
The extent to which we shall refer comprised $\overline{5} \frac{1}{2}$ acres of Wheat, $34 \frac{1}{2}$ acres of Barley, 10 acres 146 acres. $1 \mathrm{~S}_{2}$ acres of leans, being a total of of straw, and not at all broken down or twitted. (hoo half tho Barley was a light crop-about 4 quarters per acre, and the other a full heary crop of $5 \frac{1}{3}$ quarters per acre. The Oats and Beans were an average. On the whole, the crops must be considered to have becen furourablo for H. : Ln, of the reaper. There mere no patihes of Th prenaturcly down, and grown through;
tat ( lower in the seculs was net tow hre, in thiel warlis, wetilu. 'The werght of struw, too, was such as to be quite within the power of the man upon the machine.
For the sake of an actual standard of comparison, 9 acres of Wheat were let of by contract to a scytheman to mow, bind, stook, and rake at 10s. per acre, lunving 137 acres to be cut by machinery
The machine we used was a combined mower and reaper, back manual delivery, with tilting rails in the place of board; and our experience of it may be farily putalongside the story of "an old mrown givern so clovary in our columns the
other diy. The remer an question wo have found to work where the criound was solt and wet. In the wet haryest of 1867 we cut all our corn with it when no other machine in the district was worked at all. And on many occasions it acted efficiently even where the ground was so soft and

Atricy that the wheels mathered dirt, so that the whole machine ultimately became one solud mass of clay and soil, from which it took sereral hours $t$ clean it before further progress could be made. With wet corn, anul wet soll, it did its work when no reaper propor could get on, oming to its single wheel sinking iuto the ground. In this experiment on a largo scale we deemed it best to allopt the combined machine, which, with its two wheels, we could depend upon to completo the harvest, should wet weathor occur
The labourors ongil rel for the work and reaping with the machine were, a foreman at is per day: a boy to rado on the reaper and drive, at 2s, per day; five men, averaming 1s. 3 l. each per day, to make banifand tie the sheaves; four women, at 2 s. per day cach, and one man at 3s. $6 d_{\text {., to " inake }} u_{p}$ " or gather the sheares, and prut them intothu hands. One or two of the bindors wero higher priced than the others, a they were wanted for superior work when stacking came on. These constituted the full personal staff of the machine, ther gross wagas analutime to :his, ot, per day fo complato the force, wa ilvo put on two goml men to opell nut tho fuelds at the cortuti, w.th the negthe, atal to otook the sheaves, and a buy to drive tho horsorake, and heap tho rakuras, de. Thuen men wero paid 4s. till. per day each, and the boy 2s. The amount of 11s. per day, udded to 348 . 9 d., the cost already stated of the hauds engaged diroctly With tho reapor, made ar fross expenditure in manual tabour of $30 s, 9 d$. per day. To this we may add the cost of 16 pints of beer twice a day, at 1 s . per gallon, 1 s., makng at tal of 54 s .9 d , as tho total daly cost of "manmms, the machine. This beer was supphed to the men direct from the brewery, so that the cost is exact. Incidental expenses must also bo a leled, aftor the work is done, as it is only then that they can bo ascortained; as tho term mplies, they fali as a charge upon the work at irrogular perwads, and in variable amounts.

On August 16 wo began harvont work, and at noon on the 19th we hal completed 36 acres roods of Whest. Un the same day the Oate wero bemun, and finished on the following day. A delay of three hours occureal durng the time the was under tho proceson f cuttur, or the work woull have been completed a littho sumers. The Barley was begran on Siturday, August 21 , and completed in five days. The Beane ( 18 l garas), and the spring Wheat (9 acres), were completed in two and a half days, and the whole of the crops were down at noon on Monday, August 30 -the entire period which the reaper
wus at work was $12 \frac{1}{3}$ days, from Monday, August 16, to Monday tho woth. Inring this time there was only oue compulsory stoppage from an accudent, aud this only for a fuw hours: not a single shower or damp morning intervened to delay the progress of the work. We would observe that no attempt was made to hurry tho work, or even to push it. It would here been easy to hare dono at least a acres per day more than was done. Wo may also note here that one of the two sood men at $48.6 d$. per day, engaged to stook the corn and open out fields, was taken apray to cart and stack Wheat, after the reaper had been at work six days, three additional men and two boys beng encraged at thas time to make up a set for carting end stacking. Wo were enabled thus to removo one of the stookers, as it was necessary that the Barley should lie in sheaf unstonked for a day or two, to kill the Clover tied up 10 the sheaf: in thut, when the stonker renuired belp, tho men attacher to the machme were able to ansint in the evening,
and early in the morning, before the dew or incristure wes out of the Cliser, sndithe Parley fit for cutting. This was an important point to attend to, and it cau be 28 easily atteuded to with a reaper as with a scythe. To cut Barley with Clover in it, before it is dry, and to tie up and stook immedately, causes much delay in the crop boing fit for carting; and should rain occur, before the shearos are quite dry after cutting, the Barley is very liable to sprout.
It may be asked why we hare four women and a lad as "takers-up" after the machino? Why wet the ciop happened to be light of straw, eight hand wiro ablu to follow the reaper instean of teth. The two men forming one set were then taken to stouking. dc. Had we employed fire men and five women to fulow the reaper, when it was necesmary to call off two men, there would have boen left three men and five women; so that one woman would heve
been compelled to bind the sheaves work Which women most properly object to, and which is masuitable for them.
Tho actual cost of reaping will, therefore, stand thus:-


To this we have to add for incidentals paid by
 files, $2 s$; ; and to deduct for wages of the man
who was taken off after six days' work, viz., $6 \frac{1}{2}$ days at $4 s .6 d .=11.9 s .3 l_{\text {. . So that the }}$ total amount will stand as follows:-
Cost of $12 \frac{1}{2}$ days' manual labour
Leas for 6 .
days as above

## Incidentals as above

Tutn | $£ 34$ | 4 | $\frac{43}{4}$ |
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—being the actual cost of reaping $1 \ddot{37}$ acros of corn by machinery, or $48.9 \pi$. per acre, exclusive of horse and machine power. If to this, then, wo add $1 s$. per acre for tho horses, and Gil. per acre for the wear and tear of macbine (a liberal allowance), we have the result of $69.3 \boldsymbol{l}$. per acre for the actual cost of manual labour, machine, and horse-power, as nearly as it can be ascertained by actual experience.
The surn of 48 . 9 d . per acre represents the sctual payment for the manual labour and incidentals $i_{1}$ harresting in this manner, and it represents to a fraction our payments fur the $12 \frac{1}{5}$ days that it took us to cut, tie, stook, and rake 137 acres of an average crop of corn.

Into this account no element of mere estimate enters; the figures represent the amount physical power omployed absolately in the work acoomplished-in days' work; these deys' work beigg paid for at the full prices of the district.
They fally substantiste the assertions of Mr. They fully substentiato the assertions of Mr. thie mow rnmman aperation. Mr. Merrit a York-
shire corresponilpat, in hin estimato of $1 * .4 /$ per acre, most probably tow no accout of horse power or depreciation of machinery; if so, nothing can bo much nearer than hic payment to ours. And in referenco to our own experionce as now detalled, we have only to say thit, though in recording it we give a leaf out of the ordinary farm practice, it is no less an exporiment, designed to ask a question and to obtain a correct answer, and its results are as trustworthy as they could possibly have boen had they arisen from a trial on an experimental plot howover carefully conducted.
Experioncu, indeed, is at all timee an experiment; but it is only when all the attendaut circumstances can bo fully ascertained, as in this instance, that the information obtained therefrom is precise enough to be valuable.
Wo are in possession of the figures and facts connected with the cost of reaping by machinery as practised mpon two othor large farms with which we are connected, and where the work is different from each other and from that which we have now detailed. Woresorve theme particulars for another occasion.

[^36]



The case to which Mr. Taylob referred was sufliciently compler to show that much consideration must be given to it beforo the provisons and working of the Act can be thorourtals understom oren by






 Gaturday. Ho (Mr. SyTzr) Was appolnted inspector by the dant, raisedias a point of law that tho caso nanst fall through on tho ground that the Act of Parlament bud not been pro-
perly publisbed or marde pillife. Tho roal charge apeinst the cattlo to be driven on the highway suffering from a con-
 anything was the matter with the beasts, witht the exception
 and he wulld tell the Bench that he dill not know that these
animis wore dise lsel. Mr. La E was ealol, and give evi fence

 on the ground that the regulations of the Act had not beon
proporly applied to the city. The Bench granted hima case. The appointment of Mr. SMrTH, "st so muoh per snnum for his servieas," Was caried unanimously by
the Town Council. Some other citips and borounts the Town Colncil. Some other citips and boroutens at Benrstead, in Hent, Mr. (fi) LoD dad mot sae the necessity of appoiuting a professuonal inspector, and therefore moved that the superintendent of polse be appointer, at a remusoration to be fixed by the committee in arcordance with the amourt of service
performed. This was semonded by Jr. Tircor, and carried unanimously. Upon the suggestion of the Clerk, it was also moved by Mr. Jewrel, seconded by Mr. WARD, and carried nem. dit." "That every poliee
oonstable shall be sn officer for putting in foroe the proviaions of the Act."
mado on the baghs of thio sime in the direct applergo
 present year, anamention was then made of the experiments commenced on an llisreawd scale in another place, the second series his now been carreat on for them is now before us. The plot of pround selected for the experiments 19 on the plain of Generlllers, Clichy, where the former trials tool place. At the mouth of the great collector-sewer at Clrgty are esta blished steam pumps which convey about one-tenth of the whole sewage of Paris across the river through cast iron pipes is itches 1 n dameter; these pipesare
placed along a new bridge which crosses two 1slands and rannects the two banks of the river. Tbo popes end in large reservoirs on the Geverilliers side, placed on the hughest point of the plans, and thence the sewage 15 conveyed by means of a brick conduit 2 feet in diameter, which embraces a plece of land about 2 arres in extent, and returns to the Sentoe at some distance down strearn. Tuis canul 15 above the level of the runs off into lateral eanals and trenches, so as
to feed all tho lands under the experiment, the supply 19 shut off from the small trenches, when necessary, by
simply dammane their mouths with turf or mould. Near the spot where tho sewage re-enters the Selno are suree large basins about liquid is received and purified by menns of
sulphate of alumine, in the proportion of $0 \frac{3}{3}$ oz to a ton of the liquid sewage; after purification the water lectert to be used as mañure. The soil of the plan of and at mo part many incues deep, an 1 bemeat al hat la a thuk nratum in hats, In consequence of its umproducturnten it has not, like the other mat-hirte uf I'ir. been converten into market gar lens, and a more wretched plate could scarirly bo foutto. The cits or raris rented ou aeres of thw inma, when was jar celled out ammat a number of former* and firdenors, and this, as wel. an the surroundug lamis, are supplied nonthssince the experimental cround was innuguraled, and almost crery parlety of crop has been raisodforage plants, cereals, veretahles und flowers, and all exhiLat remarkable
with like crops a modured 10 tho samedinte vicinaty without the atid of sevage- 1 lie Matbe, Beetront and Cabbages, are uapnjficent, Of coure there is nothing 20 , perhaps 100 places in Éagland, but the arrangements are excellent, and, above all, economic, and tbe Emperor having bsen amongt the visitors, The
main, or rather the diroct object, is to show
turists and market gardeners tho antual turists and market gardeners tho aotual
sewage, and this to (oreate n demond for it it succeeds in that object it will hove done service. Those who may v,sit Puris this autumn $\frac{10}{8}$ only to take tho (Clehy ommbus, cross the nom Dr and stady tho matier for themselve.
laree and small fantroversy on tha relative mas in laree and small farms has brohen out again, in pr
 can be done by advocumog either vacw. Them events will not be affected in the slightest do any such disoussion, frarms mevitably ine size as successiso generations of thcir teuants $n$
and that is the very satisfactory explanasion of the 1 armest very satisfactory explanation on indeed quote Mr. Hosk FNs himself, wh the Thmer hon ercited this discusaion in mose th illustration of its powerlessness to do A.ther good. In the course of 日a argument rept mal strongly held protion is most ably defended, whe trace of that ill-conditioned personslity which ext times distigures controversy, Mr. Losky w exclaims:-
"Never do folks "talik whithy, sumd fin the strels roln of more presumptu


 - Corn Averages and Mielinolmas Rents Witn in a concive and intelligible manom Commutation trables, Fho forpards thie communication on these subjects, in oonmectio ported:-
"At the close of the apricultaral year I heg to mid




- Voreign competition in Jop groviog present a vexed question anong hentish and ki,
jilanters The following pertinent letter to pur Slandard is therefore too good to be hid wist if it be exceptional, an equalig pertinent replyt trib to be provoked:-

 Does "A Hop Planter" sive an ordinary qu
Hops? Or, doss he grow the fine pale ale Hops if Or, does he grow the fine pale ale which therefore do not come into competiti the common Continental produce?

OUR LIVE STOCK.
A largr company met at Brailes Hou.
 catlle were brownt out in mon order, but is lea witition wats not brik, althourh the result may par
 for several atmmals. Surmase $2 d$, by May Dot rom ar. pathateray's Sumise by Duta or some attention, and was birelanad


 OF DL゙BLIN, JANIZARY, SNUWBALL, LITTE Calipir, an linaliy from the fawsley cow She, after some competicion, was sold to tho

 for buils was civen by Mr Ladds, who purchase

No great prices were realised at Farnborough Farnboroarg sales kere fixed for the same day, st shormora breeders were drawn away by the
attraction 11 Fifeshire. The 3.3 cows and


- Our readers are reminded of two important sales which will be held during the coming week. The
frit that of Mr. Gamble, of Stouldham Thorp, on
Wednesday, when some good cattle, of Brawith Vednesday, when some good cattlo, of Bra, onth
extraction, will be offered. The second, on Friday,
Then the late Mr. Benjamin Wison's stock will be


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 the Rev. J. lenson's noted Winafred tribe, and the other is fual of Colling blood. The third tribe was
bought at the CIverston sale, on the death of Mr.
Dickiuson ta Dackisison in $18 i n ;$ this was the colebrated Cressida catalogue The first bull usel was (ABMBRIDGE

 tribe, uilate jears s.res of tae Cress da famaly have
been use ! I A contemporay, looked upon as an orarle in matters relatiag to Suorthorns, speass very deciledly
to the ruerrts of the Crestida tribe. Tue four lots,
 not prosoke the compet, tiou of men who haw the value of the blood they inherit." Tuse stock is reported



## House, Clonmellon, county Meath, and is prinotpath

 purchasers to Chiston atocrand his flame brought Mr. hobert ilolmes, of couraty Meatu, rasell his beat tribes from lots I atd s Suteencows atw belfers, and
two bulls trace baik to Brianma, by IJNABCH, daughter of lot 8,13 coass and teffers aro descended
from lot 2 Portic by Cato (11:1) whose portrati may from lot is Portio by Caro ( $(111)$, whose portrate may
be seen in the thard volune of the IIerd Book. there are also four members of the Bates Waterloo famply, and the peligrees of the remannily ammair are very by Lads Pigot, by PRINCE, ALPRED (1), 19h), and from a dimphter of Mr. Barnes' Sictorza, sold an ly in for
500 ( 11,521 ) and MAYENYPRB $(20,628)$, were hired from
Warlaby: DH. M Will (2l, Jios, and loke ok Yosk, were all bred by and l'risce Berisim, the sire of all the young calves, was bred by Lady Pigot, aud is of the Brouphalso belongs. There is a railway to Keils, srom Dublin, and cars can be obtaned at Kellis for Miltown House,
which is five nules distant which is five mules distant.

## STEAM PLOTGHING AND CTITTYATING

 O.N. of the most succesful mectinus of this character that we hus ever atteuded was carred out imWednesday and Thurday last, on the farme of Mr.
Beecroft, at Eye, about three miles north-east frow Beecroft, at Eye, about three miles north-east frow Bacompansing machinery Wias organised by Mr.
Barford, of the firm of Messera Amies \& Baford. The leadun motive for calling together the public, and that more direntls minterested in cultuating the soil at the acting unchor, whel was invented by Mr Campion, a practueal farmer, near Spaldine, the patent ol which
Messra. Imies \& Barford have purchased. To make the prriormance more attrative and inatructive,
hometer, the makers of other systems were iated to jon on dhplayne their engmes and tachle, according as thry tans thank their ystem 14 nore practicable and
economical. Messs. Fowter $\&$ Co., of Liceds, under the energetic direction of Mr. Gresg, made a strong
reaponse to Mr. Barford's sugestion or invitation reaponse to Mr. Barford's suggestion or invitation.
The jerformances of the two firms we will talke Beparately.
Messrs.
with the use of thelr new self-arting anchor. This
anchor is like erery other valuble ajlicaton, it is of
the tunt stmple character It 15 an asdition to

 on the depth to which the sail difco uut into the soil. In many calse these discs trere not found to be sufficient
to accomplich the resistance required when a plough or cultivator was being drawa up to thas form of
anchor. This would be the case even when the anchor. This wouli be the case even when the
dranght of the cagine was direct abroalside or at a rutting. To increase the "staying" capacety something frame with earth or anythong herely loading the frame with earth or anythug heavy that might be at
hand. This fact every one 83 , and $1 f r$. Canpion has hand.
cleverls overcome the ditliculty.
The manner of accomplishing this object is simply to put a strong revolving bar of iron Where the crass or ond bar of the old frame was fixed. On thia bar there
are eight or 12 tines fixed, according as the soil are eight or 12 tines fixed, according as the soil may be
sult or hard, and the lenuth for krappling is also regulatel wearding to the larinets or wiftuess of the woll
There are two or three tines olasped to esah nide of There are two or three tines olasped to eah tide of
the irou bar. The rijert of these setural sets of two or thiree thes is that the anchor may a france whon
requred, by setiont freo the tumbing appratus, an 1 a moved as far as the work done, or to be done, requires. This performance is accomplislied by the simple possible means. On one end of the bar which carries he tines is a ratchet with four ratches, unto whiteh farls is in postched lever. the grapnel thises are held to itself, position and they then hold fist the held in a rigid position, and they then hold fast to the soll. And when it is necessary for the anclior to all rance, the lever 18
raise I from one catels, whith allows the tumbler to raise 1 from one eatelk, whinh allows the tumbler to
revolve, aud the next set of tioes to work down or revolve, aud the next set of tues to work down or
forward, and so come in contuit with the sol as to enter 1 t , and again bring the anchor to a dead stop.
The eflicency of this anchor, accordine to ite appa rent strength and weleht, is something extraorinary at first sight. The resisting power ace pured by its use 1s, however, easily apprehended: for by the use of it With the round-about ssstem, the druught is equally divided betweon the grapplng, tines described and the
dics. This will be understood by recollecting that dics. This will be understood by recollecting that
there is a forward motion, wheh acts on the grapnels and a side notion motion, when acts sen is the rope runs round a block in the centre of the anehor-frame, the drauxht is equally disidel, the one parti. heing towards
twe si ateh-bl),k, to wimet the and the other to the impremeat whath is belle drawn
throuza the soll. Int, the wark lone we ne, 1 not antor. Ior it is the
 all protical purposed sufficiently porfectod. And
the only question left in either case is, how and the
operation be executed at the least cost of power and wear and tear of machmery. For the small farm and fields, believe this self-acting anchor is destined to net as the finishiag twacin to the economy of the syatem. In wayme this we are not disparayma the lares sels, to whach we havo ono ind folds, ond for lothing out, for tharx mple room for both, sutems in this
 thate one 18 samable la ita own parcicular way, so is however. Ma conaechon with the round-about sy stem, out cor, Mens. Amick barford aro a madiag out complete sets windlass to be drven with tumble shaft or band. anatch-blocks and anchors as ordinarily sent out, and 1600 yards of $\frac{3}{3}$-1nch steel rope. The patent self-antiar anchors are an additional cost of Ful. the palr. But as men sad tro boys can now do the work as easily and efficientiy as seven parrs of hands could do it with the origipal claw anchors for drawing the implement to, it is a fair concluston that this inl. 18 well spent. Messre. Amies \& l3arford are evidentiy of this opinion, for they would not have iavested in purchainge this invention of a practical farmer unless they had taken every means to assure themselves of 1 ts falue And as
Ir Campton bas worked sim acres of land with one whiet he hat made in his own blacksmith's Bhop, there
It per, rmatce was seen at various timns bs the
upon it of wy-horse power without once turmag orer
or arime way, while in no case wero there more than the three men and two boys mentioned employed in dolng the work in coaneation with which this selfacting anchor was so oonspicuons a figure.

Mears. Fowler \& Co.'s engines and machines, and the work they did, need but little description. They worked two longorse traction engunes, one at each ead of the feld, the drallat thereby berng durect. Ihe implement they used was a cultivator, Which was
turned at the ends in the most perfect manner that we have ever seen anythige done in connection with so important in agricultural oneration. When the cultrvalor has advanced clore up to the enpime the slark rope is brought into play, ill dolnk whim all arm if caught, and the rope is condurted to a lover, which is while the machme is bome turnd-or, rather, Thas, preliminary prouess to 1 tas being turned roland-the pressure by the tightening rope raises the tines of the implement well clear of the ground, whereby that great resistance, Which woutd otherwise necessar.ly happen,
is simply reduced to tho mere weight of the implement
of horse-cultivators elear of the soll at the the tapes but Ans we tave thetion is entirely mechauseal.
A+ We have sadd, the work done need not be disaltivated li) we mes deep botween \% aches were thus pluenday morning and is 3u wr
In connection with thas steam cultivation, we canre a $\cdot$ umulatisg under another order of pratice two andating under another order of practice. The Royal meeting at liancheater, have been worked since harvest by li Compbell of lummete sark siace for whom thoy wrere spen, of Buspote Park, Berks, Wh wom they were spee ally made. Between two and at acres have beed done uuring the last two month beng 10 1nches, and the soll fier day, the depth England, "Thes, and the son. acre. And so satistied are Mr. C'ampbell and. phe Messrs. Fowler with the performance of thand the ongines, ther power enermey oll per sore requered whe thes areater pow of tho 0 -horse eagines, and the reduction of wear and the they are assured, from the calculations thay har. at 10, od ar evark ls yer nere mira all vently done
 ragaly a cull.hator 14 diriwn thromah the soil, the
more it becomes shaterel or diatategrated for the The cost of these :30. horse ong
The cost of these 30.horse eng.nes 18 11mik each: of the mplements and siof yards of rope, 4ht ; or, in all 3 miches apart. But the first time, if carries 21 tines, crude, only 13 tines are first time, if the toil be very crude, only 13 tines are used. Last year Mr. Campbell
usod two 20-horso engines. and did from usod two 20 -horse engines, and did from 20 to 25 acrea
day. The rate at whioh atie procent day. The rate at whoh the prasent jmplement is The driven is three and a-half to four milea an bour. The dreater effect this paoe has on the soil, with the nereased amount of 10 to 15 acres per day of work done, not forketting the lesser conl, and oil, and wear and tear, make this performance stride in steam cultivition which no one has bitherto masterad at oue venture.
Mr. lirie's twn-farrow and three-whepl plough, whed is carried bodlly, and without sliding on any part while st work, was used close by and doing some of the best work we cuer saw. This plough is growing rapidly into puble favour for prepuring land for sowing
with graan. Several farmers on the ground ordered one, two, or three of them, is they were resdily convinced that the three hurse and one man conld do more an hecter work with it than four hnrwos and two

 ott "I per wreh, whon thay have it me rhuring the last six


TIE CONTAGIOUS DISEASES (ANIMALS) ACT, 1969.

Quotina the long title, this is "An Act to conolsdate, amead, and miake pernetual the Acte for preventing tie introduction or spreading of contagious in Great Jfritan." It consista of 108 gechons or clauses, and nine scledules, the whole betng the reverse of snultum in parro. The Act is framed, as the preamble declares, "to confer on her Majesty's Most Honourable Irspy Coutuml power to take such weasures as may rppear from time to time nocessary, and so on. He may conclude, but solely on the the the engbt more delective ones whicts it repeals, that the Act may be recelved as an improvement and step our readers that this worl dppend mainly upon the practical judgment and fidelity of local authorities, committees, inspectors, and other officers. The orders of the Prasy Council of August 10 are rather omnous than promising, and will soon require to be supple mented : but it will be bigh time to pass sentence on may be, is done. In thos paper I confine my observations to the statate itse.f.
Tue Art makex prosisions both for the momerce of
home and foresin live slock, and also for the managetase iflih a $\begin{aligned} & \text { blew to prevent its spread. It extends to }\end{aligned}$ England and Scotland, but not to Ireland ; and it is not Fery clearly defined whether Iriah stock are to to
consulered forvige or home. The Act is atbdivided consulered forvi
into ten paris.
Part I. Preliminary, gives the Cefinition of terms, titles, old Acts repealeu, Ece. It includes what is mean by contsgtous or infectious disease, s cathe pirgue pleuro-pocumonia, foot-and-mouth cisease, shecp pox, may dealare infectiolla or contagious. Part lli is on locat suthorsties in Ensland, and provides how they are to be apporatel. part III Foreion acimals, pro Fides chatily for tite forenga trade, and includes the new market about to be erer ted lay the Corpritation $n$ Loadon. Part 14. Ils overy anil prevention of disPrivy Conpail are to carry out the more important division of the wor lome and foresgn trade, and to live stock penerall when iofected, and to carriers of disene Slaughter in calt.e plague and compensation

Orders of Council and local authorities-points out how the Privy Council and local uuthorities are to
freme their orders--publications, und how the expenses frame their orders--publications, and how the expenses
of the same are to be rovered. Part VII. Landsgrants powers to local anthorities to rent or purchaze sheds, and markets Part Virit. Expenses of local suthorities, such as compensation for slaykitered
cattle, Reneral expenses, and borrownty powers-as to
how the money is to be ralsed part I how the money is to be raised. part IX. Offences and legal proceedings. Yart. X. Scotland how the Act is and execution from those of Finuland. Such ts a cursory notice of the sections, The first scluedule natnes England; 3d, requiations respecting committees and
sub-committees; thlt, regulatons that may be applied to landing, movemest, and disposal of foreign animala politan market after opening of foreign cattle market oth, rules with reapect to infected places, including cattie and sheep-pax, Th, pieuro-pneumonia rules; Sotlaud. Tue whedulcs furmpart of the hut They
contan some to septons, and furm periap the best
half, so to speak, of the statute. We shall now proceed to discuss the application of
the Act under the three heads-of (1) foreign trade, (2) home trade, and (3) home management of live stock. And before entering upon each separately we may observe that the practical question is not so much
What the Act provides as what the Privy Council and local authorities are empowered to do-not only by this statute but others relating to the subjoct. This is obviousiy the wiew the Prasy Councul taxe in their
recent Order, when they say-"In exereice of the powers in them Yested under the fer of 1 sian, and of esery other power enabling them 41 this behalf." It
foHows that farmers and the tublic generaily will require to look sharply after their reapective interests,

 but the farnier's or product s's price sumn to a Insumum, the daferene beits of entrse thele prafit, of nonopolies of thas kival, hence its workis is will
require to bo watched, nore especially by the agriculrequire to bo watcited, nore esp
tural interest, home and foresko.
The Foreign Trade Alroad - A healthy state of this trade is evidently the prand olject of the statute, and thus country are nore deeply intere-ted in preserving Where they are prouluced than the English farmer howaver great may be his loss when cattle plague and other diveseas are introduced from abroad. This arises ftins the hards and fooke from which England has her
trupphtes of foreign meat ; 2d, the itnnetug which this and the f
machiner
 increase of the manufacturing population on the Continent, sud hence the greater consumption of farm
produce which naturaly follown. Tise tifectio of the last outbreak of cattle plague in those countries were such that they fitd th nore protitablo to increase tho portion thereto, than to produce anmal food exclusirely for Englaud in the promit unhealthy state of the trade. The decreashig supples from those countries be expected from the exstivg undealthystate of trade? for, ever since railway emmuntistisa wsextended to hirthplace ard natural biteding prownt of rinderpest, the firmers of wartrice whin thed to supply us have bech entupind by 1l.e losers sustained to shape
there practice tu the exizencics of the ease, and at the therr practice to the exisentics of the case, and at the
present time are thlamg farr to nutrival us in manufacturing and cummercial mdustry, and the comamptinn of anmual food. P'rior to the lat ontbreak of sales of improved breeding stork, but s,nce then they
look upon upon lish jut with as much huspurion continue to erad us so lonx as we are freo froma discase,
but the less they hyve to do with us the better. go long and the other places seldomen from Rroushis Hungary,
To overlooke such fats is to lose sight oftite plague.
ion upon whith the Contagious Disenses Aot is based, and upon whuch th ment to worked, for our forong action arcordit ats. The foressn trale ind luded ne norbuz to the tet of
 freedom of trade cenerally, not ouly the exporting of aheep, beasts, calyes and purs to Britan, but also game, raw hides, wool, aud all products, dead or alive which may be termed "rimriers of disease." At regulations of the fourth schejule of tho Act to -1 , The dominions of the Emperor of Ea-xa; - The All trianGerman Confedr ration, 1, The dominote of the Sultan ; 5, The dominnons of the Kun of Italy, 6, The
Papal States ; T, Belgium; 8 , The Xethery, The dominions of the K.ng of the lifellenes." This is inch nore that the present state of trade on the
rities, \&c. in this country, is to see that disease is not
imported with any of the albovo producta or oarriors of diseave from any of the nbove States. Some of them
can sud ms laree suppliez for a long time to come, double aul 1 quadruple what they now do, if rundernest s: could be stamped out. A heaithy state of the their producers as it is in fivour of tho British farmer nul consumer. In point of fact it is more in favour of
the foreicn producer and home consumer than the home farmer, although too many of our large towns view
light,
The

The trade in foreign stock, and products termed carriers of disesse, in the metropolis and other places, lay and an executive exclusively for itzelf. At the present time it can neither be said to be in a healthy nor stationary state, more especially in the capital.
For the former (health) the Act of 1869 provides, but it
makes no satisfoctory makes no satisfactory provialon for the rapid manner
the trade in foreign live stock as being ennverted into
 and sheep yold a botter quality of meat than out-
ward appearances indicate. This has given an increased stimulus to the intermediate jobbing between the live and dead meat marlyets so much complained of-a jernicious system, which has been slowly working its own rum, not only in the foreign trade, but hone
trade also. Hence the increasing supplins of dead meat from the country. On August 13 we left London per Great Northern lanlway for the Highlands of Frell nequainted with stock sales, and a zentleman from Berwick, rece fellow-travellers, and durins the butcher lionsere informed by the later that one butcher
thousand sheep weekly for London, \&e. At Lasth and aberdeen we were informed that the prime dead meat
 trade in forelgu live stock has hatherto been rarried ou is fast rectifyanz itself by the natural laws of com-
metce, so that ultimately the demand for foremgn beasts aud sheep, would, there is espry reason to
believe, guve riae to market a andi abators exclusively beliere, give rine to market andiabnatom
We now come to the practural ruection- What proynion does the Act of 1 sig make fur the renoration and improvement in the trade in foreign live stock and
dead meat? And the ubvotis answor will readily be anticipated. The monnpoly eemferred on the Corporation of London is agazast the freedom of trade thus to rectify itself. True, there is nothing in the statute to prevent the foreign irader from erecting abatioirs in more favourable situstions than the polluted atmo-
sphere of the capital, and from these consign his hind quarters and forequarters to the best maricote in a
much more superior way than is now done, provided

 withe unterms, others, ae the treadsth of trade
wo thwarteal by monopolining eorporations and hers, to whom the ict grses too murh eacouraqement. mero remans for convderation the $1 m p o r t a t i o n$ and trade is conducted abroad, in complannce with the spirit of the Actand powers vested io the Pruy Council, it may Britann either in live stock or the carriers of disease. If 1t breaks out in live stock on their passage
across the Channel it may be stamped out by the inspectors, so as to prevent its spread, of they are Figilant, but if landed in the incubatory state in live stuck, or a tive formi in the carriers of disease, an
exclusive foreinn market, as provided for the captal, and the mmediate shaukhterng of stock, form together but a rery poor safeginard azannst contarion and infec-
tion, as the peeds of disense may bo spread by the dead meat and hides, by drovers and their dog又, butchers' horses and dog4, by coming in contact with those of farmers and darry men, and by cattie galesmen who live
an i furm in the provin ci, aud by nono nore readly shift their dirty clothes before they return home fod

of disean. In 1 althouzia we in tot deny the applasaporatirn of Irndwo whil hato to act d, fierent., froms
what thes have mitherto done, or it wha be othermse
the metropulis wal continue to prove tivelf not only the "plapue spot " of Britana, but also of Western
Of the trade in home stock, dead meat, \&ce, little requires to be said, as much of the foregoing on foreign applseg to it. Improved ralway conveyance is much extreme and out of all date. The idea of catlle being 3) con-ecutire hatirs, or even 12 hours, according to not eaisly reroncled with the successful converance of traviling dritk nuore freguently than when at heme, and a rail way rattle truck that does not provide food and water for stock when they hike to eat and drisk ought ant
large, and tho supply required on the way will bo br
when the troughs are empty, winch, from oot we-e

 to do so that rallway cempanies only wheter they whe $1-2$ hourexper at
beconie ruilty of an nifing the l'risy Counch y an w who sind their stock by railway will therefure Mor, abear this in mind, for tho penalty due to the ofarta je will be rreater than the expense of food anil rater ? imprisonment with hard labour, the marmump determine tho law on such points, so that far graziers will have to make themselves acquantatio what is Inw in their own localities, which tbeym nis watan free of charge. As to how stork are no.
watered and fed no provision, of course, 19 male likely to bo made
 railway and stoamboat companies : so that frucks and inspectors have boforo stoct them. Any attempt to put a diseased aro hat truck or on board a steamboat is punn, an, mas and imprssonment, in addition to the which will be slaughtered and luried or knackers, at the owner's expene, witho
tion. Inacased animals on board ship wil into the deep sea
When stoik at the homestea

## the harmer are selze

## the district or his own v should foot-3ad-mouth2

## houk out the-mouth1 discase,

lumits of the statute, in the ab masy
of the local outhorities, are siseeping awno local alathorities, if they discharso there duties is spirit of the statute, are vested with porrers to diss sulliventiy strinvent ellher to check the spow for disease. or ruiu the unprincipled grazier or drover your antupuated mode of statute law for farmers we tist tul already objected, on the twofold grounds-first, that er fitua Aet leans too muth in favour of mumsipal aun and, second, that nower are vestel in the Priyy Co
sce, which, althongh onee venter! in the sore ec, which, rethone one rexted in if the local authorities and committees ara selected, the liberal working of detaus may compea wata mutale, pal eornorations, ownta to the short-wig
 spreal of disease, unjustly interlere with trade. cuanted with the fart, finw favt the foot-and-mat and-mouth disease at the trme we write 19 all the forerga meat imported into Fingland, stringent lawa possible for proventing the introd and spread of contagious and infectrous disesie this is not ail that consumers have to weyghin the bad minsin decimated by disense, they esperiene tho lo easlly estimated; but the price of meat rises far trme; and second, a vast amount of diseased and wholesome meat is sent into tho market of proulucers, thay oupht, at least, to be able, by time, to caleulate their ${ }^{\circ}$
on, for the future. $W . B$.

Harvesting Corn in Wet Weather.-I must

## take exception to the statement of your reviewer it

 Gribby syst.was based.
that ceate, for what was it given? Surely not for inn
reiteratiny the auvautages of gaving corn zouk the

 had been pratised in other countries, Without deemed wurthy of adoption here, nor for any admitted Fas desirahle, bnt which no one had could be satisfactorily (profitably) accoraphashed hed farmers at large.
Soclety of Arts at the time the priza was aiver, Was one the matter (taourl. dimittee apmonted
 say that my own impress.on an that Was to elicit, by is instinctive and ailmitted to bo desurable. Inything plishing this purpose would, in my experience, had I thought that tre Gedal and money amy
hese without giving the world the beneft of a disich the judies approved, I should have protested o not righty understand the meanis possible that rineiple," which in this case I take to signify the anting mode of expelling the injurious wetness It


 in shesves and hay which Mr. Gibbs had so fully cribed in the Essay he presented for competi-
The report criticised by your reviewer was not rrsinnsible for the partioular statement objected
$J$. Baley Denton.
We have not the terms on ah the prize was offered before us bus on evve it wes offered for the best essag descriptive
harvest work and of the artificial aids to it during

## r. Eechis

 d upon a point that I had watohed Farmer ${ }^{5}$ has upon from the first. Let "Another Farmer" w to my letter in your paper of Jan. 80,1869 , p. 119 ; rics of Wheat in 1888 stands at 6\%. פd, per ayerage 37, and how much in 1868 ? ${ }^{7}$. Neither Mr. Meohi or "A nother Farmer" attompted to ansper that uestion at the time. The figures now shoved in byAnother Farmer ${ }^{* 2}$ area mere malce-shift to confound he whole thing or why did they not tell mo at the me, or even now ? will prove to you that his f the mess in which the balance-sheet has placed them. $5.19 l$
68 , on Jan. 1,1968 (that was my main reas stood for aticed that the valuation of corn, hay, \&o., at Jan. I s was not muoh Wheat left on Jan. 1,1869 , for is sum of $379 l$. includes other things as well as feeding stuff on the farm at that period. At p. 209 your paper of Feb. 20. 1869, to which "Another threshed tha remaining portion of his Wheat; quster," this item comes to 8 all, and reduces
Faiuation of $879 l$, to $295 l$, vas that he was sellíg his Murplus sechi 10 s . per ton. Whed in this Falustion of Jan. 1,1869 , at considaration, as well as the hay and faediug stuff other corn besides Wheat on the farm on Jan. 1 , tadd this 30 quarters to the " 88 quarters quast sold " gh by 201 quarters to make up Mir. Monchis "over ike up his average of 6 quarters to the acre by the faluition of corn (other than If heat), has, n on Jan. 1, 1869 ; Which plainly proves that there Which "Auother Farmer" is jooking for help Which Another Farmer is jooking
anant of 237, 12s. must represent corn other than The fact is, Mr. Meohi's balanco-sheet on the ight, for his figures-of 468 , to 698 . per quarter for in 1868 , with his over 6 quarters to the acre on ary 1,1869 are dead againat it. If either he or other Farmar" can ahow that I am Frong, they Fasthy endghten my understanding. They must - 73 agres at over 6 quarters to the acre, with the r. to 620 . per quartare for hay, asa. Mr. Mechi ought not to re been angry with mas for looking into his balanceat and remarking upon it, and whon he charges me
h treatiag him unjustly it shows that he wants it to Wheld up to the publicgeseand passed offhend without
 aved rent stands at 40 s . an sore, Whereas the
ge rent is only $34^{2}$. Then look at his Wheat; it at 68. $9 d$. for 1868 , and wher maked he woutd ubs tell me how much of it was grow in 1867 : the (n much.

## 

 from the remuant, and then the regt of the
must be mado up to 63 s. 9 . The total remnant
large fnough to raprisent one-fourth of the high
h to represent one-fourth of the high
returud to daall this, without lesving
nt hay, de. Surely these facts will "armer" that Mr. Mechi hacts mill least of 1t. And then look at the
It stands, January 1,1869 ,
in stocis, with not a penay of a
book to go on with, not even for
 upon it would beacoeptsble provided other things
nade right, but it is of no ute your publishing
balance-sheets if they are only to be looked at and
thrown aside without an audit. And besides, this his thrown aside without an audit. And besides, this his
valuation of $5 \overline{2 l}$ Gis. in January, 1868 , having been out down to 3792 . 10 January, 1899, cuts his reasoning from under him; for although Wheat was oheaper at the latter period than at the former, everythilk else wha Woolston, Bletchley Station, Auckr, Sept. 21.
Harve Whert-My brother, Mr. John Brown, and has furnished me with sundry information relatiog thereto. Ho ont

## 

Totnl, 82 is by Burgess \& Key. He admits that the modern machines, laying it in heaps, ready to bind, save from $2 s$. to $2 s$. Gd. per acre, but coosiders this is counterbalanoed by Wheat laid in a continuous swatho drying muoh fater, wad thus carted quicker. One man mows round the field about three hours in the morning and then with his two horses follows on by machine, nveraging 10 hours per day. II does not change his an averago one, 32 to 35 bushols per sose, and land level Ie caloulates the cost as under:


For Barley and Oats the average, by the same strongth, 10 acres par day, or 1 acre per hour:--

Cost for cutting
Tyify and motting up shock:
Rakiog

| $\pm 0$ | 1 | 8 |
| ---: | ---: | ---: |
| 0 | 6 |  |
| 0 | 1 | 7 |

We have compared the expense of tying thp this description of corn with the expene of carting it loose, and find but little difference. When tied it can be carted and stacked in less than half the time. The crops above referred to will average six quartera per aore. He $12 \mathrm{a}, 0$ F. 17 p . The produce was cantainiog threshed by machine in the field the ceanlt beina Theat, 42 yuarters 2 bushels, or "y bushels per acre;
 market. P.S.-I obsarve in Saturday's Agriculd aral
Gazette a statement from Lord Zatland's stoward as to men only as. 6d and money for three pints of beer. I an hardly think the men would work at such wase for harvest and hay-time in addition.
women do not take part in sgricultural
with the families, assits the man in rea
. Gc. per day for horses is too low. The and tying
I have sent you is more with reference to your articie of Saturday woek, where you referred to sn intention of settimy the question between such onnficting statements as hari been sent you. William Brown, Tring Provalence of being surrounded by palinga, houses, and treas, and deprived of annshine for half the day, supplies, from the deficiency of light s good test of the vizour of growth of many plante, and their power of resisting the attacks of Fungi. for the purpose of learning the effect it would have on cereals, a piece of ground about Wheat, bquare was thinly planted with Rye, Rivett Winter Wheat and White Sprine Whent The result was the Rye was solrcely affected by mildew, and much more fertile than the Wheats. Rivetit Wheat was not much affected by the mildew, but onl was an average good ear. The Red Wheat was affecter, by rust, and in a less degree with white maldew, and Mrodiced niy one erthe ear, whirh was huldes to such a degree as to be more muldewed than the Red and was enfeebled in growth, but produced three small fertile ears. The White Winter Wheat was intensely mildewed with the white mildew, the upper leaves two small ears they were barren, and the White Spring Wheat was affected by the white misac, witast the thiclu wne nearly barran. The inference to be drace, from this experiment is, that the same vigour of crawn fom this experiment is, that the same vigour of growth to resist the attacks of Fungt, coldness of the weather, and other causes of disease, and that where there is a tendency to produce a beard, the Wheat will and if so the well known fact that White Wheat suffers noore from mildew than Red Wheat, would be marounted for, as I am informed by a very, experienced farmer that he has never seen White Wheat with a beard, so that if it does occur I suppose it must be much less requeat. The bearded wild Oat stands the winter bettor than the beardless cultivated Ost

Barley is remarkably free from mildem and although
Rye is subject to erget, it Rye is subject to ergot, it 18 so, I beleve, to a vory becomes a calamity only bechuse it is possonous, As I have made this experiment only once, it may appear Mr. Hallet regards Mive the partioulars of it but at (Gardenarg' Cironicle, June 86, p. 698) an well desortGardewarg Chronicle, June 86, p. 698) an well denotrbetter to offer the results without delay, that the attenhon of those farmers who grow this Wheat in Now Zealand magy bs directed to the cenve of mildew because if this Meat is found to resist mildew bettel than any other exoept Rivett's, it would be of great importance to introduce it into Adelaide. South
Australia, where, 1 n 1867 , owing to red rust (Tricho batis rubigo vert) the average produce of Wheat wel only four busheis per acre, and $5 \mathrm{~S}_{3} 393$ scres were no reaped at all. B. Clarke, B.L.S., Lount Vornow,
The Coming "Bad" Winter.-Will you allow me through your columne, respectfully to call the attention of the lendownerg of the Hop districte to the fors. al prospeot that atared a great many of the axrionitaral abourers in the free in the coming winter. This is the hird year, from different causes, of almost total filure of the Hop orop on many furms ; the oontequence will be that a ereat many labourers must be discharged, from the utter insbility of the farmer to find money to pay his uaus workmen, and it will be almost impoessible Ior these to find Fork elsewhere, there being lirge numbers from the building, brick-makkine, and other trades already ont of employ. Now, sir, jt every landlord will do, what mot reapeatfully, bat mosit decidedly bes to call bis duty-for "property has ite duties as well as its rights," - the agricultural labouret need not swell the ranks of the uncmploy ed. The why it let the handlord have it done, of course charging s fir interest on the outlay to the farmer. Then, igsing, every one who has turned lis attention to the matter is sware that great improvecoent can be made in many Woodlands, by grubbing up old useless atubs and replanting - replanting
grubbing thess old stubs, If overy owner of such land Would take this opportunity, now labour is at a discount, of improfing his own property, he would be A benent if every his country as well atho dimself, Agan, if every landowner, who has neltaer hian wostare through to see if there is not some stone or hedgerow grubbing, pond filling up, or other amprovement to be made, and will have it done (I don't mean useless alcerations, but real mimpovements, such as any tenant wouncit humbely pay tive ver cent onj, he also would the landiords will, in this crisis, onls unprove their

## tering the greatest of nll charity wivarivabine dastifint:

 most pornioious alma-giving, whioh tonds to demoraliseand pauporisa, $A$ Farmer who is forcod to divolanga many of his Worismen.

## Societies. <br> STAFFORDETIRE

TAE following is a list of the principal prizes awarded by this Society at their recent meeting at Burton-on-

CATTLE.-Bhorthonms,



 Yourling Hidfores in pnirs -lst, st., W. T. Waikefield; $2 d$;
, W. Wood. Bults-lah 101, and silvar Bzedal, S. Burchanll, Burton,







##  <br> Ewo Lamber - 3 h, R' Johnson.









 carriage, suidis. Whather be breeds racers, huntors anxiety his breeding mares, and those which he cal class. They select the best sires, and scrutinise their performance, pedizren, and shapes, and, in all probaparformance, piediaren, andinapes, breed from those which have been already tried and found to produce animals of the right stamp. Auy defects in bis mares he endeavours to correot in his foals by having the sire super-excellent in those poiats, so that, by close attention to those matters, he can almost calcuhate with cortainty what sort of animal ho wil have to dispose of at a certan age, the market for
him, and what in all probability he will be worth. him, and what in all probability he will be worth. in those counties. There is, however, nothinis to prevent them becoming so, and they will renerally succeed best by confining themselves to breeding the one class of horses, I Will boldly assert that horsebreeding will pay the Irish tenaat-farmer who breeds systematically and knows its management. We know
how diffioult it is to succeed in any undertaliag when We do not understand it ; end the same difliculty exists in horse-breeding The domand for some jears has purchaing a large number of our beat colts and fillien
Hints on Horse-breeding. -In a paper by Mr. J. Paliin on this subject, ately read before this club horse-breeder should be profit, with the view of pro ducing a saleable, marketable article, exactly the same as you do your crops. ro do so requires annt of care patience, sud intelligence. We have two kinds of breede wh we have the most frequent instances. I gentleman or farmer happens to have a mare which has carried hima hunting-feld, or has been his trusty slave in harness; and for either a kindoess for past services, or som other csuse, he wishes to have a foal from h1s
favourite, feeling quite happy to have so good an animal to breed from. No further consideration may be all cood for a hunter or roadster ; still she may not be suited at all for a brood mare.
to make a brood mare which has nel he intend quaslities possessed by the' other. She may be old bady shaped, bed tempered, broken down, or of a wasby
convtitution, blind, spavined, or curdy hocked; still the farm. Now, can anything be more foolish than to is oy far the most common practioe, can it be woondered at that so many farmers complaint that horse breding must accrue to the breeder, and a great mury is rione good foal may be produced from such in mare as brute is the result.

Choice of Sire.-Again, how loes the chance breeder proceed in the choice of his sire? Does he look for which his mare is defective? her in size and form, but superior in breeding? again trusted to, and all the anxiety hc evinces in the other cases, it is the one which passes the cate or is close at hand, or perhaps the property of a neighbour or arpliments Hemar have every defect to which horse flesh is liahle. but thas is no matter to the clance flesh is liable: but this is no matter to the chance
breeder: a foal is all he seems to desire. He never pictures to himself the cost of rearing it up, to three or solk, and comes under the cye of a veterinary surgeon, soli, and comes under the cye of a veterinary surgion,
he has the unpleasant task of informing him that his
horse is a roarer, or has a pair of dinenged hooks; he staken horae, sold for a trifle, of put to work on his
nasters farm, which, in a short time, reduces him, by
more fally developiog the diseases, to a oripple, and he , 1

The fame of our Irish horses has extended for and wide; and the further we go away from home, the for it by the faet that they must have that great recommendation, which is an inheritance, not alone of Irishmen, but Trish horses-namely, pluck, stamina, and hardihood. The Frelich aud Ahstrian soldicrs are now carried by Irish horses; and they would certainly find romounts in their own country
Choice of Dams.- In selecting the second part of my subjoct, take the mare, as on her, I consider, depends threefourths of the inportance in, I may say, ans scen a bad horse of any class out of a yood mare; and the provalling point of excellence could bo traced in the prevaling point of excellence could bo raced in throw over the consideration of the stallion's properties. In racing. I could give you several instances where the same mare, with different sircs, produced almost every
year a horse of character, such ns the dam of Stockyear a horse of charaoter, such ns the dam of Stock-
well. whinh has been justly styled the Eaperor of
Stailions from the number of winncrs he has produced. Pocahontas, his dam, almost to her last foal, transmitted to each that peculiar gift of speed which makes a racehorse; and at present there are no less than $81 x$ of her sons at the stud, and each of these has, l a greater or though an own brother to Stockwell, and said to have been a gamer race-horse, has not been so successul,
but still was above the average with several sons at the stud-good horses, from their power and stoutnessone, I may add, in this county, which will, I am confident, be of service to the country in gettiug good half-bred stock. Amongst our home-blood we have almost any sire, produced running horses, she being gaso tho dam of Faugh-a-ballagh, which went to France, and whose nrogeny are now the cream on ind to illustrate the fact I have found must be first looiced or farm liorses, $50 u$ will find it equally marked, and at present I know of a farmer who han a mare up to last year which produced nine or ten foals, and he never got less than from \%0l. to 1001 for them at four years Temper, power, endurance, spirit, I think, aenerally follow the dam; form, action, \&c, the sire. In selecting your mares, the following particulars should be inciuared into: - True bloon, so 1 do not intend to particularise any class of horse, the remarks I offer are applicable to all. Of course, each has its pech-
liaritieg. For instance, a thorough-bred shoulder is a liarities. For instance, a thorougli-bred shoulder is a
bad one to put to a collar, abd thorough-bred action
would not answer in a four-horse plough. Cieneral would not answer in a four-horse plough. reneral
ruleg I can only give you, and you can aphy them to
all olossee no horses. It is not my intention to enter into the due observanco of the crositus of dillereme cul nor shall I lwall on tho bredus of thorotish - bred stock The horves bred by us are of at lower class, and
to thono I will direct your attention. The pedigree of a hunter doos not reyuire that uncety of selection as in
blood stoch; still, I consider it almont indispens? blood stoch; still, I consider it almont indispensible to
have at least a couple of crosses of the thorough-bred. There are certain breeds which aro peculiar for the natural qualities of jumping, and mares from such
strains should have a preference. Wexford has long strains should have a preference. I think it has been due principally to that famous siro Elvas, who I may say stocked the country with his progeny for many years. They were all peculiarly made, long, low,
strong horses, with shapes eminently suited for the hunting field, berijes beiog natural fencers. Some of the sons and daugaters ondid natural buntera In Carlow we ha it two of his sons - The Trapper and The Bird-which have produced nice stock, while in Kilkenny, Doctor O'Toole has not disgraced his sire's name In Kllkenny ancl Tipperary, the flcomes and Creathearts were weil-known hunting blood, and
some of the mares from them in the country still are some of the mares from them in the country still are
breeding well.
Huters, Hacks, and Ponies - Without losing sight Hunters, Hacks, and Ponies - Witlout losing sight
of size and power, for they are often called on to
perform extraordinary acts of gameness and from the thorough-bred blood comes all the pluck and courage
to stay distance, and by thir blood-like action to
give their rideng comfortable geat in their saddles.
and

## those which are still and laress horse inare of the kiad

 mare of the kiad, 25 years of aye whin the produced covity ('irlow she has when a small diin the county ('urlow. She has been aluast hish in all brought a uniform price of from -0! to 0 ace years old in the lalter, and, as the old man tolly is ter veternary surgeon has never had the fortanol point his hand over one of har prozeny, Fortunate o certaprofess!on to which I belon:, such a breed has ofil if you for disease was almost unknown amongst themi min but unfortunate to the texant-farmers a or, besides bemn a class of anmmals well suited wants, they were easily kept in conclition, ando haturity at an early age some of the produce of our cos pony and a good thorough-bred horse, when th wonderful durability, and in suare of qualit shoulders and leas shorild bo the principal parti animal cannot be a good hack. Thick b shoulders are almost worso in this class of bul any other, as they seldom can exist in any bom out his having a tendency to stumble and trind road, and to produce which the dams show have them well shaped, and in the proper poit Draught-horses--There are, nerhaps, nod quine species which whl bear so much Roat wants of the small t tuant-farmer of half a oinis There is no part of my subject whinh witl ition as a body of advanced praciea farmembit brood mare - a breed which, I hare come to clusion, even with the the number of horsea min
of the kind which have beon imported intotem of late years, has not improved propate most desirable breed to introduce into the of hink so, as I do not cousder them, in genent iman an o the wants of our ordinary tenant-farmers "part... Iraw enormous burtlens: but in our land, as gound tere in thiz county, surts anount of pate $b$ 30 or 30 arres of land cond 11 fecd a mair of the nhe 1 , ear, to keep them in prople condition (whell at aged, they arescuerally whis thay be termed soofficestation


 sponding wantof pace, whind invarably, frot ofu! A good draught mare alould stard from 15 biecu it hands h.gh, and need only cree should do light and frecly, plemz her fool and flat on the ground. Jer head should
but well-shaped, with round, nlump,
shoulders, strons, museular, and frlly dereio have said, standing upright more than obliquat en strong and thick, as from thas formetion bing i neck were licht, with obliour. sholtcher; botaned ic should be lengthy; jonsterus strong and shota wetm
round, well-formed feet, wheh should be rthanties with rlarf-coloured hoofs, loms and hauncbsinter f
ful, with plenty of breadth, whinle assiat also Grose ing weight into the collar iny one who hation a stedy puller under a heary lon, mut hasideep
how the anmal lomera the hezt, bends the ais, and
 this country, and crossed with our 1 rash
produced the most useful class of driught hamane
met; they have all the spirit an 1 quoknesfarch.
of foxhounds. It
produce hunters to have been a performer horself, but tacre are a few points indicpensable, namely, a Cobe, with size, a good back, pleaty of rib, big quarters, thiybs, and hooks, with her hind-legs in the proper position under her. In the breeding of carriage horses, pedigree is not of great importance; but without a dast of thorough-bred blood
Hares to breed a carrage horse may be of a plainer kind than hunting brood mares, but they must bend the knee, and havo plenty of ruality about thoir head, neck, and shoulders. Somo 3 orrs is, there was a class that would pull their 90 ent. id a cart, or trot ther master to market li) mles an hour. They were bays, blacks, or chestnuts, of no particular breed. They
tood on short sinewy logs, with long bodies, flat of their ribs, and generadly high-hippod; long thin heads, with hairy rough muzalen, but with s good prominen much exportation

## now to be considered important point of sor is the in

 brood mare for all purposes. It is in notoriou there are certain disenses of which the pa prevent suclu results, which I think cause pointment, we should bo particular in the of our mares required for the turi. In maro is never put to the stu a maro fit for uothing clue, consign her to bith for such they must bo. It is often difficult line between hereditary diseases and thone of gocident In general, those whichdefeotive conformation, susch ns spavin, sp

Bindness and navicular disease come undor the former $/$ grass has been mown, or the Trefoil and white Dutch
 In the produce of horses which have badly-formed accident. With curbs, if I found a mare with what
is terned round or bent hooks, with a suall os cale $s$ or point I wnuld not bree from her, ns it is almost
gartin to oome out in her progeny. On the contrary,
if rou had on one ler, I would not consider it of any consequence.
 come out.a generations, and I ronssder theme h.ereditary arac in 1 -mall pastern bones; or at other times, where the lecs are so shaped as the centre of gravity comez ion as a strengthener to the parts. Another hereditary disease I consider of much mportance is blindaess dependent on disease of the eyes-specigic ophthalmis, oreeds, and on no account would I recommend breeding from ether sex affected with it. A mare may lose in any case it renders them more or less unfit as a brood mare to fill that office which Nature has destined her to protert and thind from injury her ofispring, Diseases
of the re-puratory orkans, as roarm, whistling, broken
wind, thek wind, de., I consider hereditary diseasen Roaring, depeudent on imparfect formation of the throat, -horses with thick, hairy jaws, thick at their tendency to this disease, while I have sometimes found it in horses with long thin necks, Diseases in particularly so. Mares with narrow, mulish-looking ofs, contracted at their heels, are invariably bad to panterns, which make them more hable to the of concussion. Sanderacks I have seen follow in les, and as it depends on a certain want of the rudent to tre animanls so agelected
und rally the case. In concluding my remarks on both horse and mare in of healthy condition to prugeny of stekly or cmactated pincentic must
crit some of the debilities, besides having a
dency in any cass to materially retard and interwith the healthy development of the foal during a male and female is of the mreatest importanco ke who breeds from either in an ualearthy or mogeny to be po

## Farm Memoranda.

 Ern of suls aires, which now forms patt of thefecup, t.on of hie on, Mr. Thomss Moore Hudson.
He tho firrus had been rcfused bs three persons dorc. Mr. Hudson took tuem. Thes were both poor
doul, and the outhoing crop, which was carried by nem occupier, amounted to 20 buchels of Whicat enable him to winter more than 10 bullocke. After chenca and fertilise 1 by tha liberal hse of rapere for the last 3) jears of betwow, 2.vithl, and

 om wh to 50 acres of it are irrigated, but even 2. Irrizaling is begun in November, after ion from one part to another, after having it, is about 10 pe per scre sunually. Sheop are
the itrigated pastures by day 88 goon as there is on the itrigated pastures by day 88 soon as there is beginning of April,
divarize for the bears esseny, when the oriolk, Mr. Hudson farmed on tre digenous four-field system, and his modus operand as described in some detal by Mir. . Barugh Almack in Journal. Por some years past Mr. Hudson has he five-course system, getting some catch
a) Tarces fond wins $:-1$, What , 3 , Bata, (b) early Peas, or a) Tares and winter Oats, (b) early Peas, or
enting: 3 , (urnps, 1, Barley ; and,, , seeds.
owever, Mr. Itudson is Rradually Rettakg Mr. Hudson is Rradually Rett.ug
ordinary four-course sytem, as, on
its it better adapted to the Hst
3 it better adapted to the $1 W$ est
particularly worthy of mention,
I2 years igo the five-conrse t 11 or 12 years ing the of feecourse "however, (ists after Wheat asteal o
 Whent - The Clover ley is manured with 10 logds
rmyard manure as soon as passible after the Cow-


Jul, Aucust, and Septenuring is generaily done in
ploughed to a depth of 5 ituchr, heathly tholled, some pimes with a camlirdder roller, and harrowed four
tims; and afterwards drilled witu from $\$$ pecks of
Spalding Wheat at the commencement of
 With a Camartidge roller. In either Febraary or March top-dressel with ? rat of Hano per acre. hand, and is Wheat is cut with a Burgess © Kef's requing
mochine just before st is ripe. It cheafed by men and
nomen it the tields being gone over aftermards with odood-tined shock, and are then put into long stack an on the where the crop has been grown. This system field stacking is pursued with every kind of crop, and thus The stalk are generaly 13 is entirely done away with. and the distance from the eaves to tho ridg is wide, 15 feet. The thatching is done at $5 d$, per yard run the eaves, which is equal to about $1 d$, per square sard formerly very murh in furve, but thes are, compere
tively spenking means so frequently as in former years. urcsharty by fixed and partly by portabloshing is fuishing and winnowng machines. |'recsous to hand the Whent 18 dressed with Down's Farmer's Friend are forked over by hand, ata a cost of from $6 d$ tubbles Twitelo. The land remains the elean it and get rid of it is ploughed to a depth of about 41 inches, and Chanmbers' manure distributor, drawn by It is then immediately harrowed again, and drill 3 bushela per scre of Golden Melon Barley. Sowiog commences about the middle of Pebruary, and i himshed as soon as possible. After sowing, the land is Barles in this course. Barley is meeded in June by
women st from $4 d$ to $5 d$ per acre. The crop is mowed with
The crop is mowed with a Bargess \& Key's mehine raked between the heaps, and the corn is afterwerds mhrled, loaded, and staoked, Barley being neither
Larvesting white crops is geverall done by gangs of men, who engage for the harrest. Mr. Hudson hires comprising about 800 acres of arable land. These men are divided into three companies of nine men each, These men qet about $6 l .10: \mathrm{ca}$. h for about three weeks

| ote impleuefiss, and Oats are seldom or ne eir place in the rotation the course just deserib 3. Roofs.-Tho 160 acr aerally subdisided ankard Turnips, 1d.) a |
| :---: |
|  |  |
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|  |  |
|  |  |
|  |  |
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culs. - The liarley stubble is
ruancr as alreat 5 denctibed in
 winter, and as soon as Jarley owing 15 timathed it
again ploughed -arro-s the quenily it is cearif ed and liarrowed, as may he requred, In Mas the Ind is plonghed aginn, and ridged in the
 ground rape-rake, mixed tngether, is drilled on the Turnip seed is drilled with a small seod drill. All the quantity in the sutumn, which 18 some on the flat. Whate Tankard Turnips are sown for September and top) for winter use and green round Turbips are sown stubble after Wheat) for use in the apring on Barley As the Turnips come up they are first horse-hoed, then cut out to 11 inches apart, at a cost of $2 s$. per cecre, being gingled by a gang of women at 18 , 8 . per acre.
Aftor singling, they gre horse-hood again, and finally

The Swedes are pulled when ready, and eix driils of ploughed on each side, so as nearly to cover the then ploughed on each side, so as nearly to cover the roots \#hite Tanlards are frat fed off, being generally coal sumed before the hard weather commences. They are pulled and sliced for the sheep, to which they are given half a pound of linseed-cake each per diem. After these are finished the Svedes are topped and tailed, and to the sheep. The green round Turaips aro ficd piven owes sud lambs in Mareh and the befiouiag of April,
Barley.
(b.) Catok Crops. - The I5 seres intended for atcen round Turnips perform another duty previous to beigy winter Oate, or early Peas, Byo for feeding is also grown as a catoh crop bafore grean round Turnips,
In the arat osse, anter the Barfey etubble hat been formed oves loger of farmyand manure per acre, which
is ploughed in 5 inchas deep, and the lund is itnmediof winter Oats per acre. This crop is generally fitit to mow for the horses about the middle of genarally fit to mow for the horses about the middle of May, and the and yoon after the middle of July sown with green Early Peaps are sometimes som orn Barlay stabbe instead of Tares. The land having been forked an before, it 15 manured with eight three-horse loads per
acre; this is ploughed in 5 inches deep, and st bushol of early Peas per acre are drilled in about the ond of 9 inches apsert eariy in December, the rows bern 2s. per spart Hhen well up, they are hand-hoed al July, the whole streagth of the farm beinp cmploped in cutting and carrying as quickly as possible cmployed in re cut with hooks as quick as poslole. The Pea pieoe of zeeds or hay stubble to ripen They are laid out in beds with paths between them, so that they mas be easily and frequently turned unthl ripe.
As goon as the Peas are carted away the land i lurnis, ploughed, and drilled with steon round Turnips, and a dressing of 31 ent. of suparphosphate and 1) owt. of rupe-cate per scre.
excapt that no manure is applied, and it is sown in Seprember or Ootober, with \$ buthels of Giant Rye per are. This orop comes in for spring food for the ewee and lambs in April. Aftar the Rye is fed off, the land s ploughed $G$ inches deep, rolled with a three-horse for three weeks, when it is akain ploughed, end afterFards sown with green round Turnips, snd treated as ardinary Turnip land.
(c.) Irangels.-The 80 or 40 scres of Mangels usually stown are sown on the strongeat and best land available in the shift. Tho land is ploughed and othervise prepared in the winter, and ridged about lie middle of april, when ten three-horse loads of manure per acro are put in the ridges, and covered with from 2 to 3 cmt . per gore of guano ithe rudges are afterwards closed up by a double-breast plough, and drilled with ${ }^{\text {F lb }}$. per Acre, generally of Long Yellow and Jong Red, Globe shagela being grown onif on the very best land. Since Mangels has bon itlo in of or 9 inches, and the geed has generally been got in earlier then formerly, from which great benefit has
The plants are first horse-hoed, then out out with a 14 -inch hoe, at $s$ cost of $2 \pi$, par scre, and singled, in the same manner as Turnips, for 18. 6d. per acre, after

## which they are horse-hoed again

## The Mangels are taken up the last weak of October

 and put into "rlamps" of feet with of the hot tailed, oomiog to a ridge at a height of 4 feet from the base
##   in the foldyards, oommencing in January or Fobruerf, cut hay or straw, and a few aro atso used in the spring are always sliced with the Turnip-cutter. <br> Barley.-Alter tho T'urnips are fed off, the land is ploughed, and ther allowed to reman untouched until the middle of February, when it is harrowed, ploughed 3elon Barley: it is then latd down with 241 l per acre of small seeds. The harvesting and other operatoons conneoted with Barley have already been described in reating of Barley aft <br> 5. Soedr.- Half the Barley of the above course is laid down with 14 lb . of Trefoil and 6 lb . of white Dutch por acre for summer feeding, and the other half with 80 lb . Cow-grass per acre for mowing. After sowing, the land is harrowed, and ss soon as the Barley is sufficiently The Cow-grass, of whtch there would be about 80 acres, is mown with a Burgess \& Key's Grass-mowing machine, and the labour is paid for as day-work. The machine, and the labour is paid for as day-work. The  remaining half of this course is fed of by sheep during 

## The poultry zarn。

The Coming Birming last week). The pigeon olasses at Bingiey Holl are fication does not al ways meet the approw of those who are disposed to make one breed of birds their espocial favourites, to the prejudice of others, yet we think that the committee shows its anxiety to maze progress by
constantly adding new classes, and extending its already lengthy list. doveloping the birds to which they are most attached, recard the otber chasses wiscouragns some go so far to count only carriers, ponters, and tumblers as worthy of classification, and jismons the other varieties as "toys" We think that the progress uad to a more general achasmlelizment of the merits and beauties of other kinds of pigoons. flmond tumblers head the Birmingham list, with a olags giving hem tiree prizest Caryiars foilow,
more greedy are the pouters, monopolising ten classes. We think they might be curtailed with advantage. It is true the birds are very handsome, bat why should not the tried birds compete one against the other?
The favourites of London fanciers of past generations, the little baldheads and beards, como next; we hope they may muster well. Tumblers follow, with two classes, which we suppose aro matended to take all
rarieties excent almouds. The improvement that las been noticeable in the runts exhobited during the last few years, is this year to be still further encouraged by a five-guinea cup, olfered as first prize by Messts. Baily \& Son, of London. The birds now exhibited are heavier by more than a pound per pair than were the that a pair of ordinary young pigeotas weigh about 20 ounces, while we now see runts that pull down four and abaif pounds per pair, it is worth while to try to what extent this growth can be developed. We are tumbler or carrier is not to the advantage of the former as reards appearance; but we may recall the Jorkings of years ago with those we now see, and seo the beruty a breed formerly called "dunghill" and "barndoor." The same result might bo looked for to s certain extent With pigeons; and that which seems a great weight years' time.
Jacobins come next on the list, and few prettier pigeons are seen in the pens. Fantals have two classes Indian fantails. We get from them a perfection in points hardly ever attained by the larger and coarser
English birds. Irtupeters are rising in importance Enghala birds, arumpeters are rising in importance the introduction of fresh blood. I'wo classes are alotted for owls-one for the foreign and one for the English variety, one class of three prizes for muns of
all colours. Onls and nuns rank among the frst all colours. Owls and nuns rank among the first in position, at Birmingham, by the turbits.
Harbes, a very important breed of pipeons, and one that takes a high standiag with smateurs in all parts of the world, have two classes; one for blarks and one for
birds of any other colour. That three elasses should be alotted to dragons will excito surprise every where but in the town where the show is held. No one will grudge the class apportioned to the protty little magples; and we bope that the two classes following,
which are to be filled with Antwerps, may bring both judges and breeders to one opinion as to what the real Antwerp should be. Archangels and awallows close the list of classes for single varieties. Following them in which six prizes are given. We omitted to notice
 competitinn is so close as to involve the cince hatrding
and evamination of many birds, we would surgest an and evamination of many hrus, we would sur
morease in the number of the pigeon judges.
We are afreid that goose-aating at Miohselmas is going ont of fasion. Certain it is that sedom has the demand been so small and the supply so induferent
as this year; and we think hardly ever has the weather been so muoh against the feeders. On Salurdey last there was anood demand for geese, and but very few at there was a grod demand for geese, and but very tew at
market. On Monday-the tirst real Michaclmas market -very few geese, and nearly all of those spolled by the closeness of the wather, ind from havink been killed
when full of food in order to increase their wcivit Fhen full of food in order to increase their wcisint.
On Tuesday the supply was good as regards number On tuesday the supply was good as romards number, one or two lots which showed the cross of the large Toulouse birds, and they sold well; others again show ed the head and stripped nock of the Chmesc, and werc
syoided. The Essex geese were many of them small svoided. The Essex gease were many of them small
geese, that had been imported from Holland and Treland when goslines and turned down to fatten at the feeders' in England. They hardyy erer altan any
size, and are seldom gond caling. The best pecso that
come are those fed by the Vorfolk and Cambridgechire come are those fed by the lorfolk and Cambridgechire
farmers. They make up full of meat, of good quality farmers. They make up full of meat, of good fuality size is coupled wath qualty, they sel! very wenl. The
Irish and French geeso were below the averace, both
in number sid quality; and those from southern In number snd quality ; sad those from
 has been imagined. The reprta from the
counties up to the present are not enconraging.

## Calendar of Operations.

October. Harcest in late districts of tho North is seldom finished before the beginning of tho mouth, and in late seasons much corn is often sbroad in the
North towards its close. But uniess the wet is accompanied with a high temperature, there is not that teadency to sproutiog which exists in the early sad loonely bound shesves and well get stooks stand a good deal of watar without sustaining much harm, the stram often suffering more than the corn. This is especially the case with Oats, the straw of whioh is especially the oase with Oats, the straw of Whion is is highly prized as feading material, and hence to get a is highly prized as feeding materiai, and hence to get a
good crop of Oats, and that cron safely barvested, is no good crop of Oats, and that crop sind
secondary question in the North.

Michaelnat Entries to Whrme. - New servants, Where ohanges take place, and the bulacing of the books, \&o, engross attention in our southerm coun-
tied at the commencement of the month, as the
farmer's year very generally commences with October. In the olden time it was common for the incoming tenant to purchaso out his predecessor for a fump
sum as agreed upon, the forucr taking cerything on sum, as agreed upon, the fortucr taking cyeryining on
tho farm, including hired servants. But owiog to the great improvements whirb have recently taken place in live rud dead stcck, old-faulloned farmers who have
fallen belind in tho nuarel of tmprovement cnanot thus bo purctiased out when they give ap their farms. For, at the prosent time, yory great circumanpection
and skill are required hy the incoming tenant in the selection of live stock and 1 mplements at his entry. No doubt cheap entrios suit men with limited capital at the present day, as they always have done hitherto.
But tenants who enter with limited capital will find it better to hire steam ploughs, cultivators, and other implements of tillage, threshing machines, \&c., than to start on the old plan with an extra strength of inferio working horses and ineffective implements; and the same principle applies to live stock, ie, if the incoming tenant cannot consume the whole of the root orups, hay, dc. with a payng stork, it is iolter to let part to
some oflher person, than to attompt to consume the Whole with a worthiress stock that will not pay. It is thorough-breds. Indeed, this should rather be avoided; bnt the live stock should be a paying stock; and for a similar reason it is not necessary that the Forking most expensive sort. Such are the contracts which, in the case of limited capital, should be carefully avoided But the teams should be fit for therr work, and the implements, \&c., atthouth not new, should be of the best make, and thus capable of making food work. It is by attention to such practical data that some intellgent farmers start surees-fally with nbout half experience very great dificulty in keeping their own.

Wheat Seed-time extends over a greater portion of he autumn montbs than formerly I'his arises from the reduced breadth of naked fallows, and the greater by Wheat. When to hare summer fallowing of what was then termed Wheat soils was the common pracof Octoler was the reneral rule, South and North; and so closely was this ruie adhered to, that many farmers were of opinion that later beeding of the land was attended with less promise, and no cioubt it was on undrained tenacious clay sols. But mprovements in drainage, cultivation, and manuring, enable farmers to get a fine seed-bed for Wheat ofter mnngels and Swedes are removed from toe hand in November, the young Wheat plants, before the winter sets in. Indeed, in our southern counties come derree of caution is meoessary in mild "winter proud." To tobviate this "sow thin," vay the
sets in eoricr, there in less liahility to harm, but eqell
 more especially when sown thick. But whon the autumn is cold, the winter carly, and the spring late, thin sowing in the North is attended with a defriency of plant, but not to the extent formerly experienced before tha land was thorongh drained More seed is thus required in the North than in the Suutb, cenerally ansols, than in cold ones, aud with early soming than Live Stock.-The comparative question resulting rom improved agriculture in the management of our bove. Thus the stare reverse of that of whent, given hedge sides in November and December under the old practica, is now improved and put up to fatten in September and October of the provious season, so to peak, as we now have an abundance of feeding thaterials outdoors and indoors with mard to early maturity and the shambles. Thas in onr southern counties, as Surrey, Hants, to lamb and are put upon the young Clover seeds and Italian Rye-grass and Turnipe, whereby both are sometimes ripe togather for the shambics by Christmas,
without either calse or corn. In other cases cake, morn, So., are needed. Over the greater breadth of the
couthern and midand oounties the rams are put to the
breeding ewes with a view to lsmbing the last week in breening ewes with a view to simblas the last week in are put upon Repe or Coleseed, or Turnips ; sometimes into the pastures over-night. The prastice is very diversified, much depending upon the westher, the statc of the mastures, and the crop that is to surceed
the Rape and Turnips. If Wheat, aud the land be heavy clay, it may be advisable to feed olf as early as possible, or before the weather breaks, with the view of getting in the Wheat in a proper seed-bed.

## Notices to Correspondents.

Farm Arcounts. Bath. You might adopt Mr Jommett'b system as developed in his books for the farmer's use. His
 severance in spudding or pulling largo plants at all suasons
of the year, cspecially of the year, cspecially $1 n$ the spring and sitmmer, and betore
their sced time. If these means will not aval, the land their sced tince. If these means will not aval, the land
must be ploughed up, well fallowed, and laid Gown agoin. must be plougred up, woil (Thoo Iato for this woek). -" The
 (W. Faterson); "Ealf-inch Bonesfor Jeadow-land" (T. B. F.),
 $=2=4$

 Troy yarda wide
Four yarde wlde
An improved make, 2 yards wide
An gmproved make, 3 yards whde $\qquad$










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 rlenn Numar, Beatbot germ. THE GARDH MI M ROMTUTION TENEVOTTNT
 Porroni defiroun of bocomlag CANDIDATES Ara required to med


 acribod so long, or mot st all, , , , the st m thereit



## The Garbenerge Chtomicle.

## SATURDAY, OCTOBER :, 1869.

The Fuvgus Maring at the Royal Horticultural Society passed off enccessfully on Tueslay last. There whs a diecided improvement ut the mode of displaying theso productions as onmpared with that adopted lant year, though thero is still room for further improvement in this respect. The edible Fungi also require to be distinctly set apart from those which ars known to produce injurions effects, and from thooe which are not worth cooking. In an educatiomil point of vew, too much strese can hardly bo laid upon this point, the 1 inro kn as, to
the unpractised eye, the difference between the unpractised eye, the difference between
noxious and harmless varieties is sometimes very slight, especially in the case of the Boleti. Mr. | WorthivgTon Smurris excellent oharts might Well havo boon sumpended in the room, to have Facilitateft the recognition of Apician daintios from others only fit for Medes's cauldron. The species exhibited were naturally pretty much the same as those shown last year. and the commente made on them contained little novelty, if We except the interesting communication from Dr. Curits to Mr. Berkeley, and for permiscion to make use of which we have to thank the latter gentleman. For figures and descriptions of the priocipal ediblo and noxious rarieties, we may refer nur raalers to mur last year's whme, pp. 10tit, 1091. The 'Countrl of the sonsety tery properly caused some of tho species exbibiteli on this oceasion to be cooked, nud equally properly sot a good example by themselves partaking of the daiaty fare. Wo may, however, suggest to the cook that moderation in the use of butter would be a virtue, and the heating of plates a atill greater one.

The species most relishod were the Fairyring Champignon, Marasmius Oreades, broiled ; the Vegetable Sweetbread, Agaricuc prunulus, stewed is white esuce; the Parasol Agaric, A. procerus, brmied; the Giant I'uff-ball, cut in l.ceen. dipped in, the $\pi$ l.ater of $1 \leq g$, and fried; and the manell Agame, ''spuns comatus, broled. The ouly lungus exbrbited that was new to our lists was tho true Cantharellus carbonarius, of Albertini and Schweinity, sent by the Rov. W. Houghton, from charooal heaps in the woods round the Wrekin, in Shropshire. The kame species was found on burnt earth by Mr. W. G. Suith and others, on Saturday, Sept. 20 last, during the excursinn of the Reigate Natural
History soclety, under the presidency of Mr. W.
Wilson Sursiners. It here occurred in onmo plenty on burnt earth and charcoal near the Fir woods about Gomshall. Mr. Hotchros also woont fine specimens of Lactaritia entrovelaus, Perse, and Ceaster rafescel., $1 \prime:$ thin 1,1 mer species appasas to be now cropping up in various places, bnt invariably under Poplars. The specimens exhilital liv Mr. Surri, t.ogether with Boletus rant, -rrin- İsil, ima from Staplo-
 plants of ligarini- Ceshe, Berk, and bros Many of tho odiblo reriotion save vpedonbtady
excellent, and it is a matter for regret that, while so many thousands of our poorer countrymen hardly taste fresh meat from one year's end to the other, vast quantities of wholesome and nutritious Fungi are allowed to rot ungathered. A good deal may be done to promote a knowledge of the good sorta, and a taste for them by such oxhibitions as that at Kensington, and by tho local naturalist clubs, of which that at Woolhope (to whose volume of "Proceedings" wo shall have shortly to allude) may bo mentioned as in the van of progress in this matter. Neverthewill over take any important place among articlus Will over take any important place among articlus
of food for general consumption till they can be cultivated, and a rencular supply in due season counted on with soniathing like cartainty. We would then urge those who have this matier at
heart to try what they can do in the way of culheart to try what they cull do mo truila are beung made in this direction, for we notice that Messers. Carter protty frequently exhibit specimens of the Giant Puff-ball, one of the very best of the sorts for culinary purposes. When we hear of armies being fed for months on Fungi, it surely time to begin to utiluse our resources.

> Wondst We bave received from 1 MrDonald, of Wondstock Park, Irelund, as well as from several other cardeners, letters advocating the propriety of late Mr Jamps VEITcH. The sughestian his beep sponapproval in verious quarters, and we gladly give publicity to it, believing that Mr. VBiTci has done more than almost any other man and modern ancement of gardenera and only by advancemelt of gardeners and gardening, no onis by introduction of novelties, but by the taot and ability displayed in placing intelligent men in positions calculated to develop their capabilities. We world, sugzest that a commitite should be at once iurmed, whit a
viow to give effect to this proposal; and we shall ourselves bo happy to receive fhe names of persons willing
to act on the committee, and also to take steps to conto ast on the committe
vene an early meeting.
Wo Connected with the subject of GRAPE-GROWINC Wot Vinees now gowing at Newatad Abbey, near
pot in thinghym; and if the erop is not the finest we ever saw, it is certainly such an one as is rarely seen, and is Filled with pot Vines, both of the same size, and both containing the same number of plants. That of which
the photograph is taleen is flled with the Blaok Hamburgh exolusively, the other containing a variety of kinds, with agood spridklint of tha Mr- Mince's and
Alezandrian Muscats. The houses are span-roofed, and each is about 30 feet long by 14 feet wide. A walk runs through the oentre, and on either side there is sesting upon pillars of dry briok work, so that they mey be raised or lowered, as no bell of soil, or a deep one, may bo required hy the exigencles of cultivation. The Whole of the heating hipes are rraced uurer the hed, house through valves in the side walls, thus seouring a congtant circulation, as the cold arr from its natural gravity sinks into the path, passes the valves to the atmoaphere of the house. Into this bed, which last sear was used for the growth of Melons Vinee, were partly planged about the time in the spring the buds began to break naturally, the object beng to season. Earh house contained 34 Vines, 17 in either
bed. The 1 lamburvi houso sras the most uniformin the crop, and contaucd unwards of 300 bunches, many
 of good size and woll coloured, and the roof of the house quite so mell flled; the Muscate, moth Mrs. Pincess and farieties. Mrs. Fince's Grape, as seen here, is certsinly not a suitable Vine for pot cultivation, whatever it may be for other purposes, the bunches being thin and the leaves wanting in vigour. The orop of the two houses, taken altogether. was suoh as is rarely scen in any place; and as we have given the weight, say 500 lb ., in calculate what such a crop would be worth in June or July, when Grapes such as those are worth from bos. to liss. per lb. s and when they have
done हo they will find that pot Grapea would be found a very remunerstive crop. It is, however, only fair to eny that thene Vines were allowed to root into the border of plurging material, and that they there
receivert evert asgistanoe in the way of liquid manure and other and to go ad Rrowth, The crop, and the style in which it way inished, reflected the greatest
credit uDon Mr JuHis ANDRRSON, the intelligent gardener at Nowstead, whose permanent Vines, now any Fiue, of the same age is the country.
-We are glad to hear that next year it is pro-
W. Wilson SAONDRRE, F.R.S., sind Wortitiveton Gigures of some 200 or 300 species of such Fungi as are nigures of somo new , or such as have been unsatisfactorly figured before. One hundred coloured plates (super-royal) are being drawn on stone by Mr. Secrry, partly from drawings by Mr. SAUNDERs, and partly from his own sketohes. The book will appear in four parts, each part containing 25 plates, price 1ns., the parts to appear
on the 1st of January, April, July, and October. Any rare species our subsoribers may meet With in smer
walks will be thankfully reoeived by Mr. W. SmTTH, 12, North Grove West, Mildmay Park. Subseribers can send their names to Mr. VaN Voorst, Paternoster Row.
_-We have received for publication the following circular relating to Science Instrection for
WOMRN: An important experiment is about to be tried at the South Kensington Museum, to promote the instruotion of women in science. By permission of the Lorli President, Professors IIUXLEY, GUTMBIe. and OLIVER are about to commence a course or The fees will not exceed a shilling a leoture, with voluntary examinations, and the terms will even be lower to schools and governesses. The Duchess of Countesses of TARY, Marchioness GrBE, and GRAN VILLe, Lady NORTHCOTE, and many other ladies, have expressed their willingness to assist in carrying out Onslow Gardens, London, S.W., is the Treasurer and Secretary.

- Messrs. Mosks \& Sons, and similar firms, are no longer to monopolise the services of the Muses in the ADVERTSEMRNT of their wares. thost niter of the subjoined advertisement, taken from the oolumns of a


## suburban journal verbatim et literatim:- A GARDENER, of his emplogment beroft, <br> Experiencoll great loss when so puan fully left,

Now seeka a new service, And where there is wanted
Skill, dilfgence, merit's best face,
Assur'd when ha findh himael fairly tranplanted,
He's the right Gardoner in the right place.
We aro informed by Mears. Buar of Sempen that any one dosirous of trylng the Esbivir Micsil-
roos Sewn can have a few flakes gratis for that Room Siswn can have a few fakes gratis for finat
purpose. Since this article was noticed in the Field, inquiries have been very numerous, and as messre Barr \& Sucadis know nothing of it practic
have thought it best to make the above offer.
ment that Mr. WRyment were mistaken in our statoANT:IITY in the KEW HRBEARTUM without an ex anmation, inasmuch as that gentleman hal to sub-
mit to the ordeal presoribed by the Civn serv. missioners, although he had already satisfactorily passod the Pall Mall Gazette.

## FERN CULTURE.

Ferns are the plants of the million. Thes are not contined to any particular country: uney fres arovid a treat of no common character to all who choose to collect them, and tend them with care afterwards, a murh greater one than any other tribe of native plants, Beautiful as the majority of our native plants are, and particnlarly suited for artitioial coarn of mave means at their disposal cannot rest contented with the possession of them alone. The love of plants and affection is grounded, its extension latorally follows
intuitively, and the Fern collector, aftor he has explored and secured all that are good in the British Islands, longs to socommodste the more beautiful and interasting of the exotic sapocies. The mason, the
oarpenter, the glazier, and the engineer are all consurted, and the upghot is that the house is reared-
probably the beginning of a collection hereafter to be Unfortunately some poople are defeated by having or
allowing things of first importanoe to bed done upon 8 Wrong principle i and it is becanse of this, and because wo occasponsing see a sonding proving it, that I beg to trouble following line of accoess in \& remarkably short period of time.

A very enthusiastic admirer of treas and plants, and Rhododendrons, of Hollies, zad of border florist-flower plants generally, latterly took to Ferns. He had after bathing a inte wita idaigenous plants-having, collected much with his own bands-indulged in the very praisewortay lues of heving a house, not of the princely Meadetian character, Which can only be im, tated by the few, but of such a himd is thousand can
well afford to rear. It was a simple span-roof, so ereoted as that the plarts could never be moro than a yard from the glass. This could not be filled at once with fine species, for it would be a too extravagant entrenonout of a year's income for detached projecta outside the household concerns altogether: It was made to do iuty, therefore, for 8 collention of Coleuses, somo )racznas, and such-like plante, that put in a reapect inture. The one, side was reserved for Feros, and by
fully fine, getiong up in the aldece of 18 monthi f plants.
The house is 40 feet lons and about 12 fect 18 with s patt ip the centre. It is heated by wate On either side the path is a brick part fept high. Within this enclosure plants to rest plants to rest upon, the ner particies at tho tat being especially fitted for roaring the thousad ine The heating is effected by hot water, a flow and nhellu pipe round the house being sufficient to providehp point times. The atmosphere, nicely modulate the polat of heat and moistur
fies to the good and simple mole planued
wondrously beautiful at all times.
Prominent among the lot stood out Adir in farleyense, exist, esnerially seen under the inflaence of might be salled the semi-Wardian case cultures by Mr. Gair and his gardener, Mr. Crombi
suburbs of Falkirk. It evidently delights at be bathed in a profusion of atmospheric moist the quadripinnste fronds, that sre handsome the kind to grow with exuberance in a varying shades of green, and the elegant habit with which they are invested. singlo a plant suitablo to be placed in
Flora's subjects. Without the
particularly noteworthy :-Thosuncrb, niy kind ramma Laucheana, and the more bean Parsonsii, as if dipped in qold, contrast
the tassel-like silvery $G$. Wottenhalliana; Pearcei has very fine pianse, so multitudinom tha nicely cut as to look nore beautiful in its relation, work of Nature, than the finest piece of lace as 12
Then the Maiden-hairs (Adiantum) are quite parn rating, and have probably more admirers
other races put together, Their fitness for other races put vagether,
mixing with a variety of flowering plants question, and the wonder is why this sort of $n$ nishing 18 not more common. A. consinnums grown on oleverly, is a grand form, and well
liberal treatment. A. curvatum, a plant not ofte in good condition
decidedly benatiful, from tho form and curvaturegut its pinna and geverally good lookiug frond glaucophyllum
of the family.
species, the frond
from the distinet
normal treen
t.ere in fine style; the pinnare lie very dat,
were both
well done
Among other genera are Phegopteris (Polypatilo anc wroadwarr Trichomanes, elegant amongotial appendiculaturn had long and dependi brown and crimson stipes and rachis, well with the dar green pinass, bering in the colleotion in question, the 1 ght portion. Devallia aculeata is one of the mo Forns for contrasting with its fellows, adorned with prickies, and the pinno ord ontire pinnte of adstivet glaucous hue, a a superficial observer. intermediate temperature.
is very much enhanced by a
no mattor wast has plaut procliv
this the no very great cost incur
end, and the wonder why their
more genernl.
 ditions being equal. The field of seedlings rentily a fruitful one for it yielded exough to friends and

## OUR ERUIT FAILURE AND IIS LOSSO

 IT has often boen said, wid mui. truth, then learn as much or wore from our falures as the sir lesson taught us by the loss of our caperior ston Glass mesis of protection will engble us to baffle such May and June as we have had this invo soun make light of such flumsy thatohes as mats, or feathery boughs.the fruit beyond than with
The risk of such catastrophea is seen is ouly now and then that suoh ruin
have endured this season is wrought.

Ifailure, which may end suy season, as they have
one this, in sweepiag the whole of our superior stone truits of our wails. The loss in actizal plearure great ; in the artistic setting-out of dinner tables it perasps greater still. What fruit can equal in bemuty ihandsome Peach? Way should these be sacrificed? si年t what shrme are they offored up? Is our loss nd, inevitable? or who or what is rasponsible for it? It surar.sea chicfly from three mistaken notions: that our clinate may be trusted; that the ordinary maeans of fations of trees cas be hardened by skilful cultivation is unneosessary to discuss the question of th our climate. It is fiekleness and hypoorisy, in their most subtle and ve forms, It cannot be relied on for a single far less a night, a week, a month, or the whole woe be to the Britial gardener that puts fith in climate! But, then, may we not fall back on the nary means of protection ? We night po
ry wrotentars hrotected from the rain and tho dew. entors hase a great. power of resisting the
heat or tho ingress of oold i but when
with water they sturated with water they recome sotive coolers in hey, need it most. And then, what does the biting -easter reck of porous canvas, overhangeng , it laughs their opposition to scorn, and mats lhem n3 so many flappers, to in
lety and force to its scathing wings.
ut what have we left to oppose to these two hauchtily worked their the wind-that so far ur fruits? How is skill to meet these enemies? It utent. It cannot alter the natural forces of hoar or back frost, far less can it chain, though it may can, but it is only expected to operate upon the ubjects exposed to the climate, and materials employed Doubies, Thin tais narno rade, -draned landl, they may be preserved from over gl their growth may bo keyt clear and early They may be kept dormant as late as pose spring, add tie protection may be skilfulty ungut boyond this we can scarcely go, once quantity flood. ates of a new and tender life are opened by the gentle ruit spring forth joyously and leer bidding. Woung mount of skill cm, under such circumstances, nand lowing summer Ig winter when he angrily retarns to us mmid all this fith his ten-pounders-ten-degree-of-frost artillery! he sueh an antagonist, armed with such pieroing matoic Les as these. Are we then to wive up the contest? Par othally glass, for glass pever wears not defence, and eape fottenneso and such material is alwass on the road to But doubtless I sisall be told that the testimony of dis season is against the efficacy of plass, Alone and
it seems to have failed. There is almost as thele fruit in unheated orchard-houses rs on opent time first seaton in state of things is exceptional It is this year. Further. the foot of their mally falled dot prove the inefficacy of glass protection under 0 hder extraordinary pressure, it may give way. Neither good hard-houses, especially if span-roffed, be cited
 They permit a tolerably free nost of them, too, a naximum amount of radiating opwer. The earth is covered over with trees, absorbing mat littie brick or other solid Fork to act as verse the conditions by providing Supposing we absorbent- ind coverins thee with a minimura to shass be more felt and the resuits obteng furce al anslactory. The chief fandt of most unheated glass oir heat-staring they are too harge in proportion to 335 over all other protectors, is that it is water-pron d air-tight. It preventa the heat from being swept or
 oe transparency of glass shrelds becomes in one sense th wuch geater energy than more pornin to without rriers. I nlike the latter, also, the anti-radhatag power glass can bardly be afirmed to he in toa dirent ratio thent tive +11 . . . . Ining of glass affects its radiating force,等 a greater instajele to the direct loss of hest by oonducatbon Fior thi- req-on no lighter glasg should be weed But the efficienoy of all glass protoot.
eaty upon the absorbe nt prople.tiesofthe enclosed area he sun thines; tad thim heat will baptle caloric-when ser the climate, whie the frost comes unbidden and Ulics with silent and nimble feet over our gime pro-
teotors while we sleep. To derive the maximum
amount of protection from glase covering then, I think the glass should somewhat closely bug the wall We want portable glasa screena more thau lofty, wide, Or want portabie glass screens mose
The glass coverings at Welbeck, so admirably described at the Manobester Congrese by Mr. Tillary (seo pso?), partake of the latter character. No one osmod-in fiet, they con-titate a mazuificent range of
fruit houses. They are just too good to be ganerall fruit houses. They are just too good to be generally
come-at-sble. What is needed for universal use is a simple, portable, efficient glass sorean that any one with a head on his shoulders can put up for himself nad as readily hare dow and devote to omar purpos hear is a Joagar noeded to Boreen the heat in or wall trees will conthue to be in the open air unless at the critiogl end dangerous orises of flowering and setting. In the North, again, where the autumn is
oold and sumlose, the worvors might bo millad into

requisition to finish the fruit. When not in use for these purposes they could be converted into or to finish ahoioo Pears; placod over Strawberries or arly (eas hen ground-converted into late Meries, Mclon, Cocumber, or plant housed, either as back. To give the easiest possiblo portahility to, and endow wilh the utnost mance of acreens, they muts be readily di=1utegrated into their primary elements and re-formed.


The best sareass for proteotive purpoees that I have soen are those that have boen desigued by Mr. Beard, of Bury St, Edmund's, during this aummer. the watentee remembered that this gentlomen is the patentee of a now mode of glaziog, that dispenses that he uses a remarkably light $T$-shaperd metallio asashbar, a pad ling of felf furming the buffrer at all points betwean the iron and glass; and the whole beink firmly knit together by afew bolts and nuts, By withdrawing
these the entire screen or humbo caul be instantly

resolved into a package of glam, a brodle of iron, and a Melon, Gucumber, or piant-honse to-morrow, A nothe great advantage of these malleable iron bars is that they can be bent out from the wall at the top, thas giving more spaoo whare it is most noeded, and yat be description of ratyer. Moat protecting screens are made too wide, owing to the non-pliability of ordiuary bars, unless a ghort spin is formed at the ton, which adds immensely to the expense, or a dangerously ycute at bottom is at the uppor portion or the whil. Width screens: bit structaril necessiny with to be need as at Welbeok, and orrhard-hnuse trees are grown io front, -n practice when can har liy fill to imure the
botiom of the wall trees, $-i t$ is much better to reap the crreans as olose as possibie to the wall from top hnttons. The whole will is then equally expmsed to light and air, and oan hardly fail to oxhibit thet grea Charma so rarely met with, equalits of wour and of base. The pliability of these rafters atforshe every faciity for such furniching of walls, The above sketches will g in LTezier firce to these remarke, and poses better than any mere deserintion. The purcut shows the screen in use, and reveals the merite of
the bent bar, unch ensbles the screon to be placed
alose to the wall without either sprawhar cut blose to the wall without aither sprawlug wit at the Mr. Thllery prevent: thas ty ratening the front of the fact converts it into grestly to the expelse, and in the crees on the bottom of the wall. The realy con vertibility of the screens into houses may be scen in houme for and late Vinery, formad is shmuly a useful roversed and arem. le to for na aro rat the bari are
 light, aula fers but, :are a / lhat sire neeled 10 effect the conversion. Yeatist. a (at lar provaled for at the top by
small :Is
Detween
The positiou of the screens malo what wo bent bar seems also the bert posnthle for rwind no the radiation of ful radiator. Tho bent bar turns the larger portion of looks toward nurrounding objectis to pot than from them
 or it may be nacupied wholly with ant anh ratung anch as a ghutter of wood, in all lomititic whert welero frosts are anticipated. This wolll promath increaso fourfold the protentive power of the nerce?
Again, this bending of the bar anfurds rare faculitios for ventilation. In Mr. Beard's flass aereens the for ventilation, in Mr. Beard's klass arreens the entire upper portion is converted into ventiators, to be erding the aureens extremely simp waippate is ladd down on the ground, or places upon wall, sar at if feet, the distanco of crusse determaniag
 re rased luge athatervals of 20 inches, for the receprofter is droppoder into thase double gromnd end of the Fith an iron pin, the uppar and hant made fas atan an pron pin, the uppar and bent and being placed againat the wall just under the coping. The kowiso in the middle of the space between the and and ine and the bond. Through thene holes iron bars of conveniont leuph are pussod. These rods sre connected with coupling wirewg, which bind them tight thl make tho rols contanuus bare w. ih ut break tor any diatance, Between each raiter an 1 ujon these pleces The ath oscint bar and placed. These butt up eqginst eaoh bar and reey braces. The upper rod thastrung along the wall under the coping is kent in ite place by s fow staples or or the will rendertas the entiro framework quito fast to as tight as druma, The felt in tren rolled on fotiowe by the nlams, and another layer of felt, sucoeeded by the coverigg burs in couvenient lenghis, with their axin is needed to describe the operation Every extension of nt is but a repetition of the preepelin'. The ends are or be cut off at any point, at the end of suthinch square,
with the same fachity, as every two rafters are complete in themselves. The kiass is Ind end to end, or betted and the suture thint fi.s the upper or ventigtige por\%u. The bent portion of the bre may run in width from 12 inches to 24 , or aven harre if 4 . are 1 , and for
wails 10 feet high, screen: I fiet wre at une bottom woum be summent, monyzn of couras froy are made to nuly Whath and nuy hochtht of wall With such smple provide bottom ventilation, and on excessively hot days one or both ends might be thrown open.
One great means of increasing the efficiency of such protectors is to shat up a good houseful of heat early in the aftornoon. This restrate of heat, supplemented by the liberation during th ; itht of thnt huden amay in the briek work, \&c, in the day, would generaily prove vuflicient to resist the frost Another cantion is
neeuful: glass protectors should not be used until tho flower is ready to expmod If erected tow eariy, they time when the froit would prove more than a mateh for the soreens, This late application of the needed
shelter is a strone point in favour of their port Our chances of success in mastering the severities of the climate are largely determined by tha time we begin the contest. These portable mias soreens will, to a considerable extent, give us our own choice of time. They also enable us to ehoose our ground and position, and put under us efficient agonts. With a skiful handing these strong, eiexant, eflcient glass screens far North or in the snnoy South, covered with luscious wall fruitio D. T. Fist

## Tame Corresponverte

Duise of Cornvall and other Kelons, - This Melon denorvee to be exionsively grown. I sas it large and hanksmn apyer... I A.tor, in.l to give it s trisal this setson, to see if its flavour
was लqual to ita other good qualities. The reanit has ben very eatisfactory. Ah blo er reaul hean of an uutrad
is-fruit 14 owal haped, of a rich, boiln, ms molour. it h yreen, and very deep. I hava tried (eucen Cimma, troldent Guean, and characters, but have found none of them equal to the
Dake and another varicty whioh I have growa here,
almost exclusively, for the last five years, under the
name of Austin's Incomparable variety, fruit large, round, yellow skinned, and finel netted. I got it originally from Dalkeith, where, I beourite of his. Tio Duke of Corntall is and is fariety, sud a cood keeper, but requires a high temnerature to ripen it properly. J. Simpson, Wortley

Wellingtonia gigantea,-There are two specimens of this noble tree srowngy in the grounds at Lamorbey Park, near Bexiey, Kentr the seat of which the following are the dimensions:No. 1 Was planted in 1854, and has attained the height of 20 feet 10 inches; circumference of bole, one fort from the ground, 6 feet 9 inches; and the dismeter
of the branohes 19 feet. No. 2 was planted in 18$\lrcorner 6$, of bole, at tho same height as the former, 5 fee 3 inohes; and the diameter of branohes 14 fee
inches. They were not injured during the aever
winter of 1 wifi-7, nor have the dry summers of 1968 and 1stiy unteriered with their growth. Llew. Baxtor, Ar. Goses,- - Fras very much graticied wo read Mis. A called queen of flowers, have been enxiously looking out for the Reve. W. Fhadelyfies on iscs. Florists in this part of Ireland have few opportunitios of seeing the novelities yearly introduced, so that we are principally guided in ordering by the notes of such men as the Rose gll that "A. G." says, with reference to the way we are fleoced by our Continental friends, who yearly send us I have bought all the new Roses as they were offered, aboutt 40 , and of zhis lot I only intend growing the following, Whiok have done very well with be found in list No. The "Thase are all good gorts: -abbe Verniere, Baron Haussmann, Baroness Rothsohild, Boale do Neige, Dake of Edinburgh, Elie France. Madame Christine Nilsson, President Villervarieties which I purpose growing a second season
before disarding:-Baron de Beauverger, Coquette
des Alpes, Curé de Charentay Duchesse d'A rles Alpes, Curé de Charentay. Duchesse d'Aoste, Éfant
d'Ameugna, Madame Alice Dureau, Madame Noman Madame Grondier, Miadame Rolliand, *Merveille
d'Anju, Reine du Midi, Suvenir du François Pon-
Eard, Tournefort, Charles Turner, Pitord Prion


 matter, that ass the cese ataruds at present I could only
recommend, " I! referre! to," about 12 vaructues out of my 40 . I will conclude by saying that in the
second list there are some varieties which have not flowered with me; those I have marked with an that I may be able tond them to list No. 1. Ithernicus. The Royal Horticultural Society's Floral Cori-mintee.-As Mr. Koynes has detailed his experrence of hare done thas before, but I understood I that "the tonce) may think it a pleasure to belong to it ; but to
these one's adviee mast be that op "Panch" "to younc gentlienter about to marry, 'don't.s" I am one of the eaticest member, of the Committee, and although
 rent and election of three members took place; three three, which we did. What was my surprise, then, to necerve a ourt note, s weel or two after, anjing my
namo had ben struk out by the Council. This wh
bad enough, but worse followed. I have many friends following yesr they replaced my name, and sent it in to the Council, with two others; mine Wiss again cout I suppose I may say I do know something of forists tural world. Since then I have, of course, no
attempted, nor encouraged my friends to attempt, attempted, nor encouraged my friends to attempta
to have my name restored. One kind and influea tal friend offered to do so this year, but as Mr Keynes' letter shors that the same leaven is at work,
I decline the honour (?). I know perfectly well hom ail this was brought about, but there is one fatal error makine that thry are ronferrinz an honour and favour on all whom they almit to havo anvihing to do with
them. Go ahead of the cliqua, and ask anvone who any conlilence in it:" "anl, "guinea to a ducas," the Royal Horticultural Society has missed a grand opportunity. It might have been a noble institution,
The Royal Horticaltural Society's Provincial Show. -nterectateg to visitors than Oxford.
zarard 18 not. it 19 also true to
of the term, a horticultural centre; but in my opinion
of the term, a horticultural centre; but in my opinion
that mitter should hare but little weight with the
Councul in their deoision,
seems to me to be the convenience of bringing exhibitors and their products together, and the general public to view them. Setting aside minor considerations, there can saaroely be a donbt of the
successful issue of the affair, if the Society succeed in obtaining a good locality for the show; and in my opinion the best place, if obtainable, would be either doubtless would be preferable as that is a fine open space, and near to the centre of the town, besides being very favourite resort; but, it neither of the moovenamed places can be obtained, I say emphatiosily to the Royal Horticultural Socety, do not go to Oxford for if they are compolled to go to any suoh out-of-theFay place as Port Meadow, I am sadly airaid the resul in a pecuniary sense would be a iailure. The genera visitors to the town. There are also some well-kep kardens in the neighbourhood, such as Beaneiun and Nuneham, which would doubtess od thrown pleasuro
all lovers of gardening. $A, B$.
Fime Roots. Do Vines mak
reats mithout the mon of leaves and branones? i have made some observations as to this point for myself, and will pive your readers the result of my experience. In Miay las ood border; I then inarched it on the Royal Vineyard that being, in my opinion, a worthless variety). I grew well, and maile a fine oane. But what about the
roots? I examined them at different times, and to my surprise the root that I oan find. I have also tried the application of bottom-heat to the Vine roots for two years past beginning the first day of the new year. I put goo stable-dung on one-half of the border, and kept up nice gentle warmatio until Apri, the odser haif diference In etther part of the house throughout the seasons ol
both years. We have had fine Grapes ripe in May in
both marts alike. F. Gill. Plymouth Nursery.
Packing Fruit for Transmission Abroad. - The Halifax, in Gardeners' Chronicle, 1863, p. 100, describ Ing the packıng of the Nova Scotia Apples sent to the Great Exhibition of 1862 , may not have been noticed vooden box alled w.th trays, eacla 2 feet long, 18 inches wide, and 5 inches decp, divided by partitions dra spaces 4 inches wide. Those trays had a layer or ar
this a layer of Apples was piaced in asingle rov; more piaster was orrefuly filled in between the Applas, and
the whole was covered with about an inch of plaster well shaken down, so that the fruit became immovable Packed in Halifax on January 9, the box arrived on Januaty 20. W. M.
Cedar of Lebanon, - I fine snecimen of this tree at
Mctat $\Gamma$, mequired by ine thy other day, with tha folloning
results -Trunk ( 1 foot above soll), 12 feet round; from trunk to the tip of branches on one side, 12 feet, There were also many other smaller but still fino trees A Cork tree measured 9 feet. There are also some fine Orange trees here, some 20 feet high, pictures non it, besides hundreds of greea ones. A fin Citron was noticed, with fine fruit, growing against a wall without any protection. The Oranges referred to e taken into a house in winter. F. B. M., Hartley, Oct, 4.
Lilimens,vice he sives with regard to the bulbs of these plants. Fxperience has taught me to newly pot them, if they require it, as soon as the stem is dead; then koop them hefore spring. To take away all the small bulbs and to shift the larger ones without disturbing them is still better; to thin out the bulbs, letting those left remain in the pots without disturbance for three when growing, is the best plan of all. This practice welar hound to answer 10 respect to all Lilies. M.
Pelargonium show. - You remark, in your foot-note
ance of the Special Pelargonium Show by the Royal Horticultural Society, that the speedy expression of public opinion woul

## The Pelargonium, to

ne never do to cast it adrift now care beatowed upon it, by the wonderful prograss it 18 making both as regards foliage and flower, I anticipate that next year's exhibitions will display some the flomer improvements upon ess is wonderful, both as rerards form and colour. I do not despair of seesing, rerards lorm and colour that our Flora possesses produced eng, every pelargium of the scarlet section, not oven blue and yellow excepted. The bare idea of the Hortioultural Sooiety abandoning such a promising the sefting apart two days for ito exhibition than giving up the one. I agree with Mr. Cannell that greater encoursgoment should be offered to the small growers and amatours, Let not our great growers and
forists be too greedy in wishiag to usurp to themTorists be too greedy in wishing to usurp to themselves the credit for the production of new varieties, or appropriate to one another the award of all the prizes Inm certain they would find it far more to their interest as well as oredit to encourage in every possible way the amatelur, which means the general public, or in other words, the million, to grow, to produce, and to compete at our floricultural exhibitions, especialy siasm would regolt, more telling upon our horti-l geason arrives to stert them into growth.
cultrural dooieties' and florists amnual balanoon
than has yet been dreamt of. Let than has yet been dreamt of Let .
 in the award of some marts of distinction to bie ducer-and I maintain that such a state of thing: enlist the interest of the milion; that where th now 50 buyers and visitors there would be thousands. It is ments there would be thousands. mistake to rmagine (as I know some lorsis do is to the interest of the florist to keen the pul iguorance of the cultivation and florista' flowers; it is the old and exploded pis of forista' flowers; it is the old and expsen pat of monopoly, which in the long run does Pelargonium offers an enticing fisl eaily hyb because it is easy of management,
but there are many otherflorists' flowers equa cultivation, equaly capable of improvement their beauty, would equally repay for time tion. For instance, what can be more besued the Cyolsmen ? know of no fiower nore What more lovely sight could be imatined pecial exhibition of Cyelamens? One migt florists' flowers that I would encourage the ot until I occupied the entire space of yo fiere fore I must conclude by say the Hortioultural Society the desirabler ng it special Pelar, Internation bave at last given expression to what as as to hen many correspondents the Continent. I pleased to think that your have done so in a mim should not offend our riends acruss tistancea there for whom I have great respect, and I bly orry if any of them felt hurt at a little our side of the wate cause of their not seela o we sce, viz, that wo do. But how shall we account for the masw the St. Petersbury show issuing printed papers, that any one sending plants by when application was made, and the railway coun refused, these same managers admitred hey compel them
very much liko doception

## highest patronage havo

Amsterdam, London, Paris, Ghent, and St. burg Internationals, and in ans, save
judgiag, in my opinion, has been and principle; the wonder, therefore, is temat is one the celuse numerous errors, even supposing that no
 nond reversing their dec,
Lilium auratum, -The followine are the par of a plant of this grand Lil
the conservatory of Jaunes

## Allerton, near Liverpo

the Noral Cuin Keasinion,

## the produce of a single

## present his

expanded; eight had fu
in adaition there remaine 164 blooms had expanded, out of whicl 153 remained perfent, which was the greater of Augast 10, and on September 4 one fiower rot open. My experience with the auratim rario me to conclude that their average dunt nine deys, but in this inetano 13 is the lone Iowers in perfoction have ever known them to keep. I iavarisb blooms to expaad durimg to plants, and tra wreat interest
propress of the plant in, ineation from the ye the present time. The soll I find most suita above referred to, consists of good turif loan decayed eow eare being taken to socure and to water freely during t
was pottoa in 7 -1ach flowered and yroduced threa flowers. I plant was repotted in a 9 -inch pot, and rece bult tras repotiod in an 11 -inch pot. and three strong flowering stems and three producing in the whole 53 blooms. In Whe transterred to \& $16-1 n 0 h$ pot, and where it remained until the stems were ab length; it was then taken to a coal greenh it remainod till it flowered.

## atrong lowering stems and dacing in the whole 101

turned out of the pots and a smatl
soil wras taken away from the ball it was th 17 -inoh pot, and treated as before. Th height from the top of the pot, and prod Whole 193 blooms, many of whin mave do I set them out on es sunny border to ripen when they are ont down, and stored a
to Jomes Mland, Esq, Quarry Bank, Allerton, nearr Yards above the see level, not fir from the Channel
Liverpool. in itt general appect to the plant from Mielohet Court,
but havinga larger number of blossoms Foll Potato Grasting. -Mr . Bennettt, of Osberton, my
ralued friend, and indeod prinoipal tutore, 18 a wellralued friend, and indeod princip
knowu pratical gartener, nad
Potato grower ; and I slould not

 ise that the
Oow. it is a ll-known fac

 liability of the Potato to sport, and, indeed, to entirely ohanke oolour; and probably this ciroumstance may
be attributed to a great ohange of soil, as from lime-

 Itself, Without any interfrerence bababo boyd piang o
In continuation of stook and soion, Mr. Taylor, o
 gentleman has done more service in this cause than
suy other man, by publicly exhibiting the resulta of his praditioe, and I , or one one most heartily endorse the sentiments expressed by the Editors of this paper in
commendation of Mr. Tenn's practice. This, together rith my own experienoe, which I hereunder adduce, infuences, the sciont to prove the 1 act that the stook
to get all my grafted to get all my grafted Potatos cut or hay frost; some of
them were centirely hilled, and what did sirvive aro very small indeed. 1 t may be rememberol that in may
 Which statement created a littic e wit and and ridicule at my expense. However, as an exporimenatalist. I did
not allow that to daurt me, and thinking the Editors might possibly know no more about the matien than tion, and acoordingly put my idea into practioe; and $I \mathrm{am}$ now happo to ho ble to state that the Artichoke grafted into the Potato has produced the most wonder-
ful cross of any of my experiments! The Potatos ral cross of any of my oxperiments The Potatos
gratiod int the Artichotes were each killed by frost. Now, if neod be, amp prepared to makkoadth and frost,
that the follo wing is a conrect statement of facte viz
 Mrakinh tuber; No. 2, Ishleaf grafted on Daintree's
Seendag. produce both round and kidney-shaped
tubers, Tesembling both atocke, No., , Ashlesf grated
 Seeding, result similar to No. 4 ; No. 6 , Ashlead grafted on Fluke, produced a coarse akinned kidney y frost. Certain of the men in the carden can testify to the above statement, and any person may see for himself on paying me sith lis narne and address, More I canmot asy, Now in connection with this subject, the question that ment in the Potato by graitiag?" My Bnswer is,
careful observation, I cannot truthfully state that I have etfected the slightest, improvement by the grafting procens, on the contrary the produce has invariably
been most unly-some of the tubess real "mongrels;" Which has almost kilied my interest for I am a poor to wateh with much interest my Artichoke produce, and shali hope to again communicate to you the result, Thomas Simpsom, 7 The Gandeng, Bromfield Lodge, noor
Chelmsford. COur correspondent must excuse 118 if wo Chelmxford. Dur correspondent must excuse us if wo yel got his sunberms from Cucumbers, EDs.]
yet got has rapamosa, -The rapon why that beation
ful shmb, the scarlet-berried Fider, is not cultivated ful simbl, the scarlet-berried Fider, is not cultivated

 north latitude higher than that of England. The
luxuriant specimens seen by ©T. O , Wh in Sweden Finland, sc., were under the Istter favourable conit in its beauty, it was strargling over a gardene wall in Pontaralier, one of the most elevated, if not the most the Swnes froutier, just before the railway takes the grand





coast, a Sambuous racemasa srow rapidly to e con-
siderable size. Every year it fowered abuadantly, but as 800 a as the berries were as big as a halp-prown with them. A very fow remsined a litile longer and ts existence the treenever gave mea aingle scarjct berry A year or two ago it died, Fhather from a lingering
consumption oalught in the winter of 60 , or from
anmer sunstroke, I mano say. I hesitale to plant summer sanstroke, I cannot say. I hesitate to plant me hopes of obtaining, down on the plain, not only its 1. O. Wr" truly etates, "t resembliar miniature bunches of Grapes, of intense soarlat, render, it the most beauHanpuine as to the result of trial of its aptitude for

## Now Method of Fruit-growing. $\rightarrow$ Finding Four

 columas so liberally open to the gardening fraternity public the result of their labours, I hope to be allowed to make s fow remarks on my new mathod of growing fruit, beins, espeoially desirous of calling the attention Iruit, being espeoialy desirvus of calling the attention Whose sttention may have been called to the eubject,to judre of the procas by its omn merita, and save me
much trouble in explanation. You invited the puble last weok to take peep at the magificent vinery at any lover of fruit-growing under glass, If any onge to condescend to look at my humble house, after viowing I will try and raine my head, and say sory cortainly is,

Though in a small way, I have great protensions, and profess to grow Grepee, and stoneofrait, and what not besides, in this same house. And it oertainly onn be done to the greatest perfention, both as to the size and flavour of the frilit. I renture to think (en passant ) that this lattor quality of fisvaur is not sufficiently considerod in the general way. It is antige accory, howaver, to see that the juages at our fruit their estimate of the difforent fruits that are arbmoretted to their approval. I orderad the fruit here to be retarded as much as possible, in order to keep it for few Peaches and Nectarines left. Some of the latter, gathered yesterday, Were as delicious in flsvour as I kent back so long, and the woetiver of having bean fortnight having, moreover, beon sualess, and otherFina unfavourable for the ripening process, The Plumg leit are Transpareat Gare, which is now
moftenina, very jarge in size, as are also Jonngna and Brahy's Plums. The orop of Peaches and Neotarines was below an average in quantity; Plums very good;
''ears small, aud beluw average. But this has bean sad yemr for fruit everywhere; and when we hear of suah men as Mr. Rivers, of Sawbridgeworth, and Mr.
Pemrson, of Ohilwell, filing who wre never in the
habit of dissapointing their visitorg, Whole, congratulate myself upon having mado a pretty

The Troubles of the Englinh Echibitor.-A good deal of justifiable grumbling has lately been manifested in commitumns conceranng the strange Wajs of forcign jurors ; and we have plumed ourselved that their ways were not our ways, and thet moreover, our ways were there are exar than theirs, fell, oertaing, snd yet About three weoks aso thare was a preat fruit toumament northwards. Growers from all nations were inhand, snd dsaplayed to the full in broad sheots to inspi confidence : and eyerythiniz that the experience of the learned and the wisdom of the wiso could do to onsure is the experience of a southern exhibitor. The great tilt of fruits took place on September 8 and 9 . Our exhibitor entered in good time in class 3 , for two Pines of by mail, oorreatly soddressed, to the secretary. A letter was posted at the same time, giving notice of the faot, and it was further notified thas a Royal gardener would call for the Pines, pay the carriage, sud
atage the fruit. Another letter was despatched by日tage the ruit. Another letter was despatched by
the same post to the latter, who recerved it all right
on the following morning at 7 A. M. This sent on the following morning at 7 a N. This sent
the Royal gardener Pine hanting on that day,
日nd the two next, without finding them, howerer.
Nothing more was heard of them until Suturday the
opened as the Book of Fate. No notice, howover, o the Pines, The exhibitor concluded that he had been besten, sind philoacphically chewed the cad of dia
appointwent by reffecting that they must have been
good specimens to beat them pood specimens to bent them. He then waited as oustodiaa of all fruit, beaten or not, was written to Another silence of four days, No answer. On the Pine-len rubbed assinst the brais e somewast hice a tetiong that he had hesid shrough his friend the Rogal gardoner, that his fruit had not arrived during the show, and begaing an answer, stating the time of thon before making salam waiting for this informaRailway for non-delivery. The secretary brokesthern -a silence of over I 3 day $3^{\prime}$ duration be it noted by all for his soothement, that his Pines bad arrived all right
the srow priza (see p. 971 , first sontence of fourth pard graph from the top, ool. a). After the shoth parn.
the fruit had been enold, sind the other to the seoretary as soon at the mistake was divoorened sorrow wha also exprossed for the mishap. Two dey more passed: out exhibitor's impatience reached
white heat, that found expression in a telexram
on the ssd
 10 days after the show, and regrelting that it had not ath another leiter arrived, enclosing the prize-money
 worthy of the cannest s ot in a' that braw comntry. The northern worthies have also nromised to have the name altered in the "Gardener:" but, to an ajpenl to alter it ofiaially in tho Gardenery Chronmpe, they
have remained dumb. To add to the zast of the dis appointment, the mronrictor of the Paes had th satisfaction of hearing of them being praised by a creditable to the gardener of the nobla lord in whos name they were exhibited. On reading this "Ower true long anlence of the seorotary for more then a weok, his removed by any one besides the gentlemsin specifed in the letter of advioe, the dumbaess of the nobleman' or many days to be undaservent, nud what has become of his Lines, as also that thn ollinors of such brin old experienced segrary Mr. Stapart, should haremad suoh a blunder. This fact ought to make us aharitsbl to our bungling friends over the water. "Let him that is without sin (farlt) throw the fint stome" Possibly however, oar northorn frieads will think they have had pelting enougl. So, requasting your readers to turn to the page and parasraph alrealy adverted to, instesil of In Pine-appleg there were two auperb fruits, espectrlly Carrington, Wyoombe Abbey" read "from M. Wh Ward gr. to Thomas N. Miller, Esq., Bishop Stortford ferts." Observer
Conifers-We have a nomber of very handsome trees of Picos eophalonics, varying from 30 to 40 feet high, thet sere this year bearing oones freely. With geparate trees, and you will observe that they aro very dissimilar, leading me to suppose that we have two
varieties of this most beatiful Conifer. Ploss say if it is so. I may just add that the fincst fivecimens of cuite ont of reqch of the early mormmen wint The sal
 tree is about 50 feet high, and the whole of the cones
are on about 10 feat of the top. Pioea Webbiana has are on about 10 feat of the top. Pioea Webbiana has
six of ith dark vingular-looting oonei, Thio, I fer, is
too tender to be of too tender to be of ralue for extensive planting it
grows too early, and suflers much from frosts, and the
soft fleshy buds got destroyed in the winter soft fleshy buds get destroyed in the winter, Abies
Douglasii, Mornda, gind mast of the Coniferav are tropical hent of last summer. Dbies I Ourlasid to the hero almost as frecly as the Lurch, and as the timber is likely to be of great value it should be planted extengreat this year. Several plants here are literally loaded with bloom. This lovely shrub is deserving of more extended cultivation. J Sheppiard, Gr, to J.
Berners, Esf., Foolversfone Fark. [The varieties of
P. cephalonica sre duferent, the one P. ceplagonica are diferent, the one has shorter, than the other, and more prominent bracts. EDS.]

## Bocieties.

Rotac Hormicultoral : Oct. 5.- James Bateman, Esq, F.R.S, in the ohair. The preliminary business G. F. Wilson, Esq. snnounced the abrard, and com-
mented upon the prodacts brought before the Frait and Ploral Committees. The Rev. M. J. Berkeley then addressed the meeting, first stating that the pretty
Epidendrum, shown at the last menting by Dr. liogers,
Was found to be E.glumaceum. With respect to the
doubt respectimg the correctuess of the neme of
Mr. Cux's spermen of Puen ceping
 pointed bracts, which was not the case with the cones of P. Pinsapo. Mr. Berkeley then proceedied to notioe
the Fungi, and referred to the interesting leotura delivered by Dr. Bull at the exhibition last year
Shortly afterwards Mr. Berkeley reoeived a letter from Dr. Curtis, stating that during the latter part of the
American war, Fungi formed the principal food of the Southern army. The speaker then annonnced the names of the winners of the prizes offered, attention to the excellence of the preserved speci-
mens, which looked like models, but which were mens, wheality the Fungi themselves, prepared by a process the nature of which had not yet boen ma lo known.
loletus edulis was thon alludel to, as one of thn best l Boletus edulis Was thon allude 1 to, an one of the best
of the edible Fungr, though not weli known It wis a species of which Dr, Badham, a great anthority on
ench mathers, had seid that it was go=? when cooked anch mathers, had said that it was go- ? when cooked
in suy way. It was recognisable from other Buleti by


Berkeley, whilst in Henover a few weeks back, went
into the markets there and saw basg full of slices of into the markets there, and saw bagg full of shices of this species, which was greatly appreciated on the species Which he had not seen before, Clavaria rufescens. The genus Boletus, ssid Mr. Berkeley, had been often described as gall tastine, but this remark did not apply to ali the species, as he exhibited a sjecimen of
B. castaneus, which was no doubt eatable. B. luridus possesses the singular properts of being, when first broken, quite yellow, and then immediately turning his, Agerious orcelia, a species not often found in also was A. nebularis. A. Oreades, the Champignon, of which there were several speimens, was then
alluded to, as being one of the eny beti. In
reply to a question often asked, Mr. Berkeley stated Teply to a question often asked, Mr. Berkeley stated
that there was no absolute distinction between
harmless and noxious Fungi. Observation and harmless and noxious Fungi, Observation shd experience furnished the only safe guide. This
applied equally to other plants, as the Wild Celery
might be mistaken for Water-cress. Illustrations might be mistaken for Water-cress. Illustrations
were given of the norious effects of somo species, and Fere giten of the norious eflects of somo species, and
the intoxicating powers of others; and in couclusion
Mr. leerkeley rend the following oomen Mr. Berkeley read the following communioation from "Tru have asked me to givi grix miy "experturioe with the
 Which I would narrate it to you nat your omn fireside. My expe-
rience nuns back only abont is or is years. You mas Tionce runs back only nbont 18 or 15 years, You may
Temember that, pretrous to this period, I expressed a fear of
these edibles, these edibles, as 1 had grown up with the common prejrdices
against them, entertaned by most peoplo in thls country.
 obtainaile, 1 felt no incluntion thr rum any risks in needlesely enlarging my bill of fare Th1s I had massert midule lifo
without having noce esen tasted a Musbromm. "But as under your guidnce an anssistance my knowledge
 varioty if Mushrooms than sanyone on tho American conti-
nent I Lavc oven introduced several species before untried
and unk nown From the heciuning of may expertunente,


 blundered upon any siml that wis minchevon, inn, to my
 or instance A. canpestris aad arvensia being whole-




 failed to growt I wery much wiak it misht bo pronatate in in Eng hand, on that we nimght ascertam whether it mould undergo
any chaing of qualitios in a diferent seil and climato. I have

 Introd. Crypt. Hot.j an boing 'poranpe the most felini my of

 in altwat crery posible modle of coolkery, bute withont







eaten. to try 1 Cetí I Tentuared, in ignorance if it Lal ever been eaten. to try 13. Colfinitus, on accomnt of tisk cluse rentioushic
 und of a new Aneerfean species ( P poripos, Fr.), on account tanto of the erude speciraon is liso that of the beat Chestnuts
 But make a superind difh for tho table, belnig mather too dry, P. frondosus, eontluens, and Enlphurens, I ventured, after sume
 bites on fiercely an Cactarius piperatus. When young, and
 impunity and with eatioffection, tito prongency being all wismst-
with $P$. confluens, which is rnther a favourite with me, as it in
with some others to whom I have introduced ft. $P$, sulphureus With gome others to whom I have introduced tit. P. sulphureus





 indicatiuns of thas in my caso, I soon dismnssel the rising fuas
did not sond for tho doctor, nor tako any remedy. Others
who



## 

 causc. For the credit of this species, theratore, we were for tunately able to diftinguish the posi hoc from the propter hoc. frocly ind annually oaten Mushroomas, prosorving a habit heard of from ecilient among thenc. I have known no instanc of Bushroum-poisuning in this country, oxcept where the victims rasiby ventured upon the experiment without knowing one species from another. Among the familles above mentioned, I have not met with any whose knowledge o Mughrooms extonded beyond the common epecies , A. camuntil i informa

##   <br> with all sifety and with no fittle rclish sine that tima on

"I have interested myself to extoul the knowlerige of these
 prejudice neminst veret, hice with andents. Yot, ns in my now case, curiooity often conquera thesse elrors, When away from kind hosteas to havo cooked a difh of Mushrooms that I have



 trom the Hickory, than when taken from most other trees,
 brings them out in greatoust perfoction.
rooms for the first time, whether these parsing beting tuast vegotabo or anumal king lon. There is certuinly a very


 fon

 seldicra hive omonths of the year npor Mushroonis alune.


 have collecterl an iseaten sus epectes found within 2 miles of my
house. There are some others within this limit which I have
not yet eaten. In the entalogue of the plants of Nort


## bor

helow ange, a platent less than 1000 foet above the valleys two dayy spent thero, $I$ counted 18 apecies of edible Fungi. O who pirtoon ive apeded which I oollectod there for the tab rooms, dechire 1 thern mont emplatheally delectill-
in Virginia, Igatherer eight guod species within a few latholred yaris of the depot. And os it seems to bo throughout the
country. Hill and plain, mountain and valley, wools, fields,
 because people do not thow how or arc arrita their valne was appraciated ai never before during our lata whr, when other food eappectilly
meat, was sagroe and dear. Then such pormons ns I havo henrc exproen a preferenco for Mrubroomin over meat lund pentrally no need to Thel grateful food, so it wat eas, In Lard frar the gathering, an
the contuty
remeraber on one occensinn during the gloony prind. when there had beon a protracted drought, and hevhy Fung
were to be found only in damp sibadod woods, and but iow even here, I one spocios for a meal; so, guthering of every kind, I brought


 I belie
Here,
Sunc Kere, wh
Sine wo
in cert

"It is sald that the aliate of the PInk GIIL (A. cmprewibeese

## 

 "Uar bost snd standard Muzhmoms are the Pink





##  pected by aome ont I have found it hargal Ths. flosh fa no thin and spongy th.

of the asme gtoup, is a mueli prefer thlo spreetes.
 sinco ( 1 pril 21 I) I la


## 

 tho wase too with Roletus Cofrom the carth fromen solld.
periences are contined the carolinan; though, i prescime, fram cast in other states, that, making some allowance for diffa
climate and length of seasons, what I have said is
Mr. Saunders then stated his inteution prize apain zext geason, and Butustel that t separately from the poisonous ones, and ho which were aseful to man.
The Chairman to man
Bankshad predicted that the froit of tho langosteen would ho exposed pre the Gorden Markst, though he miglst not lin 3 , wip see it ; and ho (Mr. Bateman) was happy Pruit the daya previously he had bought frui

Ind in the zardens of Lord Powis, hut he believed this as the firrit time tixey had been offered for sale in this or Forect were then alluded to, wh being inferior $t_{0}$, o-e prohage in the eather part of the year. Mr. in thas country by reva,
 The aperimen of the beautirnt Huppentrum in under the incorrect name of Bextolonia rmorath, was next commented upon as being a rin admirable subject for stove decoration. Mr. Bateot the rietthe of Mr. Veitelh and Mr Thomperg terms the zreat hlow whet the Society and horticulture datert race sod chatained in the loss of the energy an 3 din the learang and practical kuowledgo of Mrr, Floral Committee. The Rev. J. Dix in tho chair. This











 but pualler cullections were furninind by Mr Eilmand
Chiswick, and Mowrs. Carter, of Holhorn

















 by the oomarittow, and requentod to be ent agin noxt year.

 ho reccivod a Special Cortificite From Mr. Moivilte, Dalment


乩量


## 




 Priva Celery They wery fine in size, but ono at least had
boltand and the eample altogetbor was considered too karge and coarso for Redoral us

## Notfces of 3 oots

## Flora of Muddesex, fe. By H. Trimen, M B., F.LS ;

 and W. T. Dyer, B.A. Hardwicke. 8vo, pp. 12s.
## The full title nf this bork runs thus- - Flora

 Middlesex: a Topngrapiscal and Histoncical Account o the Plants found in the County Miysical Geography and Climate, and of the Progress of point of fuct, the turing the last Three Centurres." In contents, 80 expressive is it of what the book realilyThe introductory portion is devoted to m ketch of the topography, plysical features, and geologieal conthe climatal peculsarities, and the consequent nature of asrecultural operations.
Excluding the strictly metropolitan aree a petah or sand on some of the lunls he he, a Mappusphead, dear to cochney botaulsts), and, quite in the fir north-westera corner, an outcrop of chalk-expluding those, when of tho county, the surfure of Miduleses may be liviled moto two man in divions, whech we may romphly call the northern and the + mi hern. The worthern 18 of the eliy-cluyey. Its surface prevents all the features of the London clay recnery to streams, and here and there diversfied with undulating h.lls. The timber trees consist of (haks and Eims chelly. There is scarcely an arable tield to be seen, excellent hay for the london marters, forn thing oxcelteat was whole parishes comprise sometimes only some dozen families. In one such parish there are only five houses, Cross. It might at first be thought that such a corunty so although the partorise for the botenist, but at is not with hy hrildera or farmese, be it is nat a rieh flora by of meneses they ram find or adl to therr e.ilection will fizd the comaty little to thom tastes.
In the routh and south-western parla of the connty lonms, brick arth and rall friable pasture lak in consequenoe, past hore and there Whent fields-Heston Wheat is as famous ns Mendon hay-and market gardens whose produce, thanks to constant tulage nal sbundant manure, 18 wonderiul is its extent. ()rcharda, too bomped tot anch orelarde as those ord, with (irass heneath the trees, but orchards betwee whose trees aro Rrown Cabbazes, Onions double D) Forso Curranta, wallowers, btocks, anleable glteamoshers emen iarden Market There is no
 roots," hut ere erected with the moth, sacred to the priming is rartied out inother fent ystem of root of the couty These nre not anats in tho ahindant brick fields. these are not invitine in a pictural sense, but they aro not inminteresting botanically, in they often harbour newiy introduced plants, and allow the rejeoted scraps
of cardens to eatablish themaplras in $\AA$ spmi-native ante, (ante in then amthis the Thames, but so far as
 view than they liave done the differences in the flora Of the two main divisions of the county sbove elketahed.
The plan they hure followed hab boon to map out the Of course so far as physical geography is conoerned, botanical purposes the florys of districts it or strictly are Jondon elay floras: and distructa ni. and ni are lonms, brick earth, an $\frac{1}{\text { valley floras, whale } v \text { and vil. are }}$ partly one and partly the otler.
The porly of the trosk on whose intrind cetiry portion wo the pants knawn to exist in tha cominty, with referencos to
 seren distrintan lyef itudtudod to., und hastly-mavel, but moon veluable featurem th suact a work-a referemer to the book
 in strictly intariont wra neted witrin the linilte of the forp neme thit 19 ieft for the laryer ileras, therugls many will fed with hes ittio menke of iluzipluntment tuat the viows of the
 Ween ,iven; the mote sol iv the authorn frealy actmowlodeo Twenty ec.ch forma of Bramhle are cited, monot of tham at these forms the dympty of specific rank. By the way, how in it that our criticul "rubologints ' have not cast an eye on the

 great interest in many ways-they aro often historical its connection with the Whalchersm Kxpedition hase bean fold is
 how plants once coummon disappeat. For IIstance, Sisymbriam Hiow once very cuinion it te gee with what rabidity plants some. tines spread in eertain localitices, and bow bork they are paitill int is nul fostance. It has been Enewn to thio market
 intation in copsepuence of the warks there, an-l yet ft las
 able instance of the duthicalty what phants bito of pawion
 noc s plant of it is to be neen, in spite of Poppian frats and

Matra rerticillata may be a.Ided tw our authora lift a "oxhimtion aliknta near k.ew


## Tbe Kpiard.

Bee Notrs: SuPrrs.-I have seen two very beautifully worked boxes of honeycombs lately, and was bars were arranged. The boxes were perhaps 13 inches square, by 7 inches in depth balow the bars. This is measurement. The bars were very wide and also placed rather widely apart, so that there must have placed rather wichy apart, so forat there must have eaok. It may have been rather more, as some of the combs were ahout 21 inches thick, and none appeared to be much under inctes. bach bar had been sawn through the middle lengthwise, and a narrow slip or
plate of artificial worker-celled wax sheet bad been plate of artificial worker-celied wax sheet bad been holding the sheet or narrow slip of wax securely. The combs, were built very straight, were mostly workercelled, and free fling, as it were, the bees to work combs widely apart, very thick combs are the result, and there is little inducoment to the queen asconding and making use of them for breeding. Certainly in his case the object desired whas most fully realised. It is glass super spoiled by brood. The reason appears to be that, from the increarod difficulty of attaching the combs to the glass, they are generaliy constructed very ness, and therefore unsuitable for brood. In glass boxes where the bars are arranged at the same distance apart, queen, and the appropriation by her of the combs for brood, is of very frequent occurrence.
I have hitherto been particular in
supers of the proper dimensions for taking the same bare as are mu uso in tho frames of my stoch boxes, only possesses many undoubted advantages, yet, as my bars are very narrow, being only $\frac{1}{}$ inch in wdith, I have
found that they were hardly capable of supporting yery wide and heavy combs, and have, therefore, refrained from placing them so wideiy asunder as $I$ otherwise should have done. It scems advisable, therefore, in the same bars for stock hives and supers, and to substitute in the latter wider bars, placed so as to be from 2 inches to $2 t$ inches apart from centre to centre. It must, however, be borne in mind that it is absolutely muses, however, be borne in mind that in in abder to insure thick worker-celled honeynembsary free from every vestige of brood, to attach to each bar suitable guide-combs, or strips of impreased wax sheets, otherwise the bees will almost cartainly distances and dimensions. Some of the specimens of Ayrshire honey, which I havo noticed in the warehouse of Messrs. Neighbour, in Regent Street, have been remarkable for width and regularity of combs, the wide honey-bar being usually emplosed. I have occasionally, while using the narrow bars and spaces, had combs constructed from 3 inches to 3 . inches, in thick-
ness, in consequence of the bees using two bars for the foundation of one cornb. Generally, under such grent rapdity. S. Bevan Fox.

## SBation Myerations.

## (For the enswing woek.)

## PLANT HOLSES

The epecics of Franthemun, consl lering their usefuiness and the vare ety in their forms, are not met with in collections of stove plants nearly so frequently as they should be Some are grown for the beauty of
their flowers, and others are cultivated for therr beautiful foilage alone. E. clegans and E. pulchellum may be mentioned amongst the former, and of the latter the following varieties- igneum, sanguinolentum, leuconeurum, with others under the synonyms Fittonis, or Gymmostachyum, such as the lovely Pearcei, argyroneura, and Vorschaffeltii. The latter seldom looks better than when grown quickly into neat plants in small-siced pots, as they are more ser-
viceable for general decorative purposes besides being viceable for general decorative purposes, besides being
better sdapted for keeping throughout the winter months than larker specimens, which often show symptoms of decay in the leares. These when comperred with the clear, vivid, and reli-defined markings upon the more youthful plants, afford a very disureeable contrast, Less water and less artificiai
minimam to be arrived at during the middle of winter should be from $48^{\circ}$ to $50^{3}$. Place them after this date
into as light and airy a position as is practicable. The into as light and airy a position as is practicable. The above remarks apply equally to Sonerilas, reqard!a not to hive the balls contamin', the roots at all solden after this time, othersise tho lons of the plants will
assuredly be the consequence. Gradually lessen the supply of water to the roots of Orchids, that the young growths of the current season may become thoroughly plentiful show of flower. servatory Climbing Plants which have done flowering and ceased growing strongly may now be well sut stand cutting, back to the old and more matured wood, snd, being decidnous, will quietly rest in this condition until the spring months arrive. Beparticular sun shines out well, so that all late growths may become sun shines outwell, so that all late grow the may become Salria splenders. shotuld now be taken up from the open borders and be carefully potted into good rich compoat: and if they are placed into a cool ghady place tifully throughout the early winter months.

FOREING HOUSES.
Where Iines are forsed esrly no further delay should take place in pruning them, if this be not already done. be immediately placed over the wounds, or use other methods, of which there are several, to provent it. In pruning, ohoose as much as possible suoh firm, wellplumped eyes as are likely to afford the best growths, taking care to make the canes look as uniform as possible throughout the whole structure. Those who have prepared Pot Vines for very eariy forcing should now see to getting them indoors. let the pots be well placed firmly upon the balls; let them then be placed along the curbs, in the most sumny part of the house. In the meantime get together a sufficiency of fermenting whieh the pots are to be eventually plunged. When the fixity of the sun's rays is not too intense keep the house closed, boxing up the steam formed therein for the benefit of the canes, ss they fruit much more freely with such aids than by any other means. The floors, moreover, should be constantly damped down. Reduce moreover, should be constanty damped connection with Pry gently the night temperally; for, as I have frequently urged, a high night warmonth is, to say the least, very debilitating to
the "stock" Do not delay longer to cover the earlier the "stock." Do not delay longer to cover the earlier
Vine-borders with a good thick coating, as proviously Vine-borders with a good thick conting, as previously
suggested. Let all repairs in these structures be comsuggested. Let all repairs in these structures be commaintain a letent warmth therein indefinite time.

## HARDY FRUIT GARDINA.

The advent of fogegy or drizzling weather, some of Which we have already experienced, will make the
ingathering of all fruts a matter of more care should brizhteleardays uotensue. Bowry particularnot to pik sweatina, which it always undergoes when laid by, is suflicient of atself without sforing it away in a damp state. Where a zood crop of $E_{i, j s}$ is stili ripening upon any wall it will bo woll to devise means to protect tuem throwing over them some makeshift light, or other protective material. Besides forwardıne the fruit someWhat, this will enhance the havour. Those who wish the varieties of Impératrice, Coe's Golden Drop, \&c., may pick them when dry place them upon shelves may pick them when dry; place them upon shelves days, wrap them up, each fruit separately, in tissue paper, place them loosely into boxes, which are moderately ar-tight, when they will keep for a moderate ength of time.

HARDY FLOWER GARDEN
Well-kept walks, without which a garden at this season loses that nice neat tone which is so desirable, will now need all our attention to koep thera in thorough order. They must be constantly swejnt and rolled over-as nften, in fact, as leaves and other liter mediately those Ierbena cuttiags which twere put in lately have struok, remave them for a weok or so to a fully exposed situation where exposure to the sun and
air may combine to reader them hardy, and jn a fit air may combine to reader them hardy, and $3 \pi$ a fit
atate to skand well through the winter. Ihese remarks state to skand well through the winter. These remarks
apply equaly to all other outtings whioh are similar
in regard to hardihood. Those who propose removing Evergreens mby now do so with immunity from any
great risk. Tlinse wholave the power so to do-and it should be so with all-will now do well to commence tuff, and enpet talar such sperimen plants of Jornearas Coheveria metallea, an other rater ratieties which are the most likels to receive mutry from early autumn rosts. A commencement, however, should be made niums, by genera pottion-up of all, even to Pelargopardener well started for the winter, and for noxt season's display. Bulbs generally, such as Crocuses, Tulips, and Hyacinths, may be placed into the vacant of dimmediately they have been turned over in process of digring and otherwise properly attended to.

## KITCHEN GARDEN.

In this department the chief work will be to manure all Frant ground at the eariest possible moment, after the removal of the crop which may have been upon it, hereby be abier trench over. fte atmosphaiteting influences, Herb beds or plantations should now be
good coating of corrsely sifted leaf-mould and lom placed amongst the stools or crowns of the
sorts. This, whilst it tonds to ward ofr the wniter, aids the roots besides by affording nutriment to the soil a
growing period arrives.
growing period arrives. For the rest, su plantings must still be made of Endive mad continue to earth-up Celery upon favourel when the weather is dry. W. W.

TOWN GARDENING.
THes $I y$ is a most valuable plant for tomi and the present is a good time to plant it, , walls, of to twine round wirework to fon beds, which make a protty feature, and are olose and gearly shoots should be psrticular care taken to secure the top wind or snow may break it down during The Jirginian Creeper, Clentatis, attended to in like manner privet Hed
now be olipped into ahape. The oval-le makes a farr bush for town if cut-in at this any shape look well after the Chrys
where speoimen flowers are required, remove all the buds as fast ss they appest well seourad by the main stem, and do wide-shoots up topether after the fashion $\alpha$ side-shoots up together after the fashion of
broom. Cuttiogsol the Shrubly Calcenlarian put in as dirented last week. These will plants for next spring. Boxes on the he Findows should now be cleared of the sum and fitted with Pompon Chrysanthemums Bulbs that have been started in pots can be so that a goodly display can be kept up form season. The Gravel ralks should
weeds, well swept and rolled once or thio weeds, well swept and rolled once or
which will give them a neat and agreakic for the autumn. $\sqrt[J]{ }, D$.
bTate of the waterra at chiswick, meas: For the Week ending Oct. 6, 1869 , as observed at the Hortictom


Notices to Correspondents Grans $D$ uty. We never befure heard of any suck Gint ferciles.
Inpuns Furests: A Foung Gurdencr. -
Office, Westminater. Ipply at MEDLARS: Ah AnMAteir. These shauld be allowed th of themsolves: a slight frost will do thern litte
 byzantinum.
 esused through a, defect in the atone, which pre
fruit from swelling regulirly. It is very commo






|  |
| :---: |
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| 3. BAILEY DENTON, Fradpal Sorneo <br>  peny, of the outhy tharsoa riplit <br>  Bigsocution of much sappromanta. <br>  the Laudownem ta A xbortor terin <br>  <br>  |
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## II

rediame hunters white wheat,

ORIGIMALRED.

 envereal at tho Brizblon Station, in bagn rowod up, ecklow, nall Lurtaifing pritited direetions for filanting, upon recerget of therfue ir



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 the

MITRFIELIH CLIR FAT CATTIX EROW

 (A171.) 1": !

## -.1F:... <br> Mlus

${ }^{1}$ 'KTHERS

EDTA1F: \&










## Che agricultural Gatett. <br> SATL゙RDAY, WTOHIFR 4, 1869.

mepting fon the mintiachitrix

STEAM-Jower is, no doult, tho paront of modern enterprime, and the lifi and mource of our miduatral fystem. It has rafommed-ar, rather. trinufursmed overy livateh if anduatisy in tirn. Whatever now kinds of labour it may have cronted-and кolise of thom are hand ethomehit has in general lightemend tenl tand maperamend
 equal chatages in agranitaze that il an to lamana
 alubtlic paskes throigh tha warp an the forworlunts, we the plomigh nod the doll wem the instriments of husbondiy aro ta pars through the soil, steam-driven. The whintlo of tho plough-boy is to be repleced by that of mimatn, and "Crea-won!" or "Come hither !" arn ta ho hatil 1 m sasere is, onr arablo fields. Agrimulture hive alwiyg trenn a handicraft; it is to bo minobled, and to hecome a manufacture.
We hardly know with what feelings to enticipete theee chengen; ond, whether thay confers we do not think them imminent. It is said that the mode of culture affects flavour in certan vegetables, but we camnot yet detect $s$ smack of atemam in agricultarnl propluco. There are no factory flavours in our bread at proopnt, on tho contrary we fancy it has a beyoad-mas tasto: at leant a third of that What consumed has a charactar of rude foreign farming about it. And if bullocks wern ar partabie as eorn, there in no douht that Bienn beref would anon eompete with the jomets of our domeatic hreathe. Much as Woakentil liko to son the furoign help supplanted by solf-help, it seoms to us a mistulio to rely ailoly upon rteam.
Tho largast cotton will in Tingland has aix ymmense floore, wheh we ascendexd by a steam hoigt. An ergine of 3 (t)-hntse prwet Inves the rast and complirated machinery of the rotablishment. The reprecertative brists of great mechanirs and economists adorn the handanme ongine-room. In ome immenso upartment 1200 power-looms weave threads intio fabries. In this mill we heard more nooss, hul smelt muro onl, than in all ciur showyard practice rombitmal. Stanin is beresmprema, for withont the onfentratel power that drives them, those my rand wheels and spindles would stop at once and the industry of Lancashine, and all kindred labours, would come to an end. Stain is essential to out railway日, to the rapid ocean-traffic, and to many of our grandest undertakings; but thero is no indispensable relation between steam and progress in ngriculture. Eiglish farming might bo depriveri of steam, and notertheless bs male much more proluctiva than it is note. Onar trado and manufacturez am suastuitued by stoam, and wontd collajme withont it, but it is mot owen the foxtor-parent of cour
 and of the retolution it w.ll acompish in tarming, we become darly lean de [thlutht an it. We will not say as the satiant man of surtuelewdatur at ulyf but ai any rate thas country depends morir ami man in it food-supply on the ruder farming of datant countries, when

Iabour is cheap and the soil nuexhausted．And
it must be so while we continue to rely on it must be so while we continue to rely on mechanics，and neglect to repair those broken links in the chamn of natural cuuses．We cannot expel＂Nature＂by stoam－power．
No doubt clay soils will Field a certain crop of
Wheat，year after year，without manure．Mr． LawEs stall aets abeaut without makure．Mr． his strong land．We quoto that single fact in his valuable experiments to illustrate what mechanics alone can do for agriculture；they can enable us to farm with economy as to labour，but thoy will never supply us with
a system of agriculture．It used to be thought a system of agriculture．It used to bo thought
otherwise．Jetkro Tris maintained that minute subdivision would obriate the use of manure， believing that the plant fed on the finely divided particles of earth．When the truo theory of the nutrition of plants was little undorstood，there was a curront saying，＂mechanics for tho clays，che－ chemistry is neenssary for riass alsoi in fact，wo
apply more chomistry to clays than to light land， appiy more chemistry to clays than to light hand，
in the removal of the stagnant water by drain－ ing，and in the liberation of the locked－up ＂inorganics＂by burning．We must not，how－ ever，be too critical on a mere saying which， like many common sayings，has a fonurdation in only partial truth．But let the cost of tillage be reduced to the standard of that gallant pioncer－ Mr．Smitit，of Woolston－and allow for a con－ siderable saving to be effected in some unforc－
seen way in the cost of harresting and pre－ seen way in the cost of harresting and pre－
paring for market，stall the mann items－ paring for market，stall the mann items－
including that heavy one，manura－must remain untouched．
Agriculture is too big to be moved much by any number of steam tugs．We must roly on the laws of Nature，not on any mistaken expec－ tations of the porrer of mecharics．
We aro glad to observe that one leading question，in which the continued prosperity nt agriculture is involved，was haniled before the British Association at lixeter，where two papers Were read on the liquid and dry earth schemes of deuling with house waste．

## Wheat Ar Mark Lantined and throughout the country Fine malting Barley has beee antively in inuired altler， oheaner，the former ls，and tho lister 2s，per quarter ail Rood qualites，beef havins risen to js heif per rtone，  inquircd after，but thero has been no adrance in prices．

－The Peterborough Ploughing and Draining Matches tonk nlace on Wednesday last，when the
interest diaplayed in reference to them was even preater interest displayed in reference to them was even prater
than has beon shown for several years past．There were 50 entries，and 48 teams came to the fields，which were provided by Mr．Warstalf，on his Woodstone Farm，${ }^{2}$ mile or so from the town．The teanms were
divided into seren classes The champion class
included elonen competar included elosen rompetitors，whose work was extraor－ dinary for straightness and unforinity．But the 1st prize was won under protest，as STEPREN BLUNT，to
whem it was a warded，and who was recommenderl Wh Mr．Lo\ELL，seeretary to the Northamptonsinire society，had for some months been oecunied as
a butcker，and therefore had departed from，
or risen above，the character of a or risen above，the character of a lahourer．This
prize is therefore feft to the consderation of
the committee．The chmpetition among farmers
and



 going to Mr．TrMplemin，jun．Tho work in the class of men who had not taken a Ist prize wis hut little inferior ito the champion＇s performanne，which foreshadots the kepnnass of the trials in this claws in
future gears．The boys under 18 fears of ace did work that was highly ereditable botli to them and then masters．Three men were recommended by implement makers to compete for the 5l cup offered．The woll－ mnown IarFs BARFER，and tha equally well－known George Brown，here came together－the former for Measrs，RANSOYE，SIMS \＆HRAD，and the latter for prize．Nessts．Fowler \＆Co．\＆lirie＇s l＇lough the used by one of Mr．Wagatare＇s men，who had never held one before that diy，and although be had not got quite into the way of steering its wheels as
straight as a live，it did some efticient work；the stubble being well buried，some the soil left in an ad－ mirsble condition for aeration．The drainers did some 19 competitors．The Foung hands did then work well，
but the drains out by the experienced men were，in although they were 4 feet deen．Jown Nick begon， ent By Mr．Whitrov；and Nass－－were worthy of particular praiss，for the druins
were almost ns straight and smonthas if they lad been samn out It ought to be said，however that theso
men were fortunate in their ground；the soil was mon were
not uniform enough to give each man the equme
chance，for when ravel and water were enme upon， chance，for when gravel and water were chme upon，
there being no outhet for the watert the sides droppyd
in，thil the work，however skilied appearance．
Central Farmers＇Club，held last Monday，the circular Central Farmers Club，held last Monday，the oircular animals came under consideration，and the following answer was agreed to：The committee of the Club
wo lld in the outuet impress the great importance of
the mare sneedy transit and deliscry of animals carried
by railvay；while it would further recommend：－ Hhat all trucks for the conveyauco of animals upon
railways should be fitted with spring buffers．That，in order to prevent the injurious eftects uppon the animals
by lie shuntug of tue traius aud from other causes， the trucks should be divisible into compartments．Trat it is undesirable to unload animals during transit by railway．That animals should not be upon a ralway for more than 19 hours without water；and that railway companies should be compelled to provide means for the proper watering of cattle before loming－Ihat any attached either to the carriages，or trounths nould be so placed at the stations that animals travelling for more than 14 consecutive hours can drink from slich roughs withont being removed from the trusks．－－ ．ith opinion that thero are great diftisultes an the adoption any plan，and is not sure that the freding is necessary catte should he licensed for the purpore and that the number of animals such vessols，saould ba laden witi
be defined，on the same principle as is adoped，with engigrant ships．－－That the vessel－thoul b
divisible into compurtments in thin sume divisiblo into compartments in the ssme way t．we ront mittee has recommenled for
p．enro－rueumonna and other enlyendared by the exposiuco
 should be mond and that sheltere lac ：ommodation of the rommitano cancludea with a raference to the fat that the course of crreunstances has amply justifice their memoriat presented to the Lords of the Privy Council from tho Club in March， 180 b ，and wherem foreign market，as the only means by which the stnck of this country can be defended from the importation of cattle plague and other foreign diseases．＂
ber of At the Council Meeting of the Central Cham ber of Aurieulture beld last Thesday，the iflan！inna about thetranaitofanimals，Prole or lis us vattondral
the meetury for tho Commatteo of Pruy Comenl， and statel that the（＇ommutted win must anyimis to
have fron that chamber shumations of a practum character，not only as to what nas the beut thisw to do，but also the bect way in whirlk to Privy Council had nearly absolute
regulations．It was absolutely
rezulations．It was absolutely wocessary that the suggestions made for its guidance should bo such as could without very serious expenss be carried into effert，but if there was a large increase in the eost of
transit it wnutd not ba liked either by the formers or
 Professin lituow s＇a adrress，and aitianately the
ing resnlutions wero unanumously anreed to－
 tha
bo
ref
di
th now kept in JIarylebone to be whe and of these 310 have been attackel hy the drease，to al．hany be on the first appearance of smptoms or anon afine minution of malk．Cows which，befure the disease，gave 15 and 20 quarts of milk per day，give only ar or socretion of milk does not stop altopether excent The the most severe cases during the disease，and moat，cow－ keepers frankly admut that this inalk is nixad with that from healthy cows and sold to their eustomers；the pro－ Marylebnae，but of all other distriats of landon，have been driaking milk from infiented anmals for some time past，but as the weckly return of sickness from cheritable institutious shows no appearance of disease amonals suffering from an eruption of vesicles on the feet and in the mouth would be likely to produce，the loctor comes to the conclusion that the risk o
danger of drinking suoh zailk is very small，
it is impossible for him to say that thers is it is impossible for him to say that thera in
lutely none．The oowkeepers are of opinion
mulk is mot deteriorated by the disease，and milk is anot deteriorated by the disease，and
frecly to thenr own chaldren，who are healthy．
however，states it as his duty to urge the mode． poley of always throwing away the milk rally promised to do in future．

## OUR LIVE STOCl

THF：catalogue of the antire hord of pure－bred horis the property of Mr．Fowhr＇，Prebendell Aylesbury is now belore us．The high ohtrat horns breeders on Monday the llth inst．，the dit for the sate，and wo Fition．Framey，Tortworlh，and Kirdery and tho 3 s satile all trace to one or other of thesel stockss，Nr Jowlor will jlaco a molerate rem
one cos，and with thes exception the lots whil be the hishest bidder．First on the cat alogue wofind
mess houal，by I UK Irom Sic Charles Kaightloy＇s London Prde， tol Aline by that excellent sire CALIPR，Walnut by WIITEBOY to Mr．Charge＇s stock．Of this gonl ol \＆straid
 daughters of the first－named cow；Lady by Hardicanume，and two bulls both by ？D
 the list is Sunrise，by Sur Charles Fiun hatley＇s traction．The name of Charmer，by LiTTLIA and Sylph，by Sir Waltera，will remom el
doubt as to the oxcellenec of this neloren




 LI VGIMAM，she may be expente 1 to bring s high fixt
We may as woll mention fit the pont／rsula 28 th 13T1r GRasDDram F，another Indmarton heifer，bow
 and ber grandmother I Mory，br l 4V REE，Has bred



 JiNi／ary，Little Join and（indipif Her moin





Two bulls of first rato de－cent，bres．by aud property of L＇rd Braybrooke，will bo suls with a bull by DuKs of GRNBVA（19，614），and of
Cherry Ducheag tribe．The first，（rГarv Dry

 Crmbruge Rose tribe，so long lurm ly Mr．Beth Kirklevington．Wo are reminded in the catain
that 10 anmals of this family aold at the Preston in $1866^{7}$ for an arerage of $214 l$ ．18s．\＆ 1.

Bride of the Tale the 1000 gumas lieifor， Mr．Gibson for Messrs，Walcotu \＆Campbeil，

Wr York, has unfortunately cast her calf during her|atout animals is now so good that dealers and their
trard passage. She was heary in call? to Com- agents look thom up at home, and it as an exception if trard passage. She was heary in call to Com-
IvDr, r.


## and carefully bred otock, comprising

 en husith an a breeder of stock, and a conscderab.e mpany assembled to mitness the sale. 'Tuse cattle aracter: qnd low a condition. It was also tite opinion
matay tha attendel the sale that the comtagious
 araze of 1., The bl. Do bigh pirices were siseli, but seoly siz monthe old, and $32 \frac{1}{2}$ gs. for a com.

## Petbrborougif Gieat Faik.

Tfli- meeting for the sale of cattle, horses, wool, and ier articlea, took place on Saturday. It seems to be seneral opinion that the last day of the week is a
y inconvenient one for so large and important a Y inconvenient one for so large and important a
lepr ne, and particnlarly as Peterbornumh market io

 To that sleps will be taken to elfer this alteration resplemt to the font-and-month disense, an mereased nunt of inconventence, and expense too, orcurred Saturily; for every l.ctant purnhaser was anxious
get the $10, \pm 0,30$ or more beasts which he had arght, oft by ralway at once, lest they should, after
naluz a public fair, fall down with the disease ndiuz a public fair, fall down with the disease
ore thes "ot lome, and be stopperl on the way by anthor,ices. How this was manazed we canmot : hut from tize cruch at the stations on Saturday ermonn, we should say that the leadlug of cattle ran
into tat da!, or many lota ha! to tho lent in the in or nushbothriood over sundar, whith misht atts merease thelr orn danger, and irobable ujury
others. For these several reasons, it seems il ar $t$ so great a meetum as thas mustit be advisedly set ted from fallug on a saturday.
of the animat there is butt litte
Uf the anmath there is bath litte th sive. As thape
 "tchel" from year to year can be ascertained. lint, far as we could estimate them, there was a far ater number of eatlie on Saturday than we linvo
a at any previous fair during the several yearg we a been preeent. Tlin rondifion of the atank, the,

 or or mankets. Prices thang the country to stand other mayy be judged. From this, however, an excoption
i-t be takert, for the high price of meat would mef for the oxen in forward condition a brisk rfoth men wero early in the fielu for the good beasts rist in there yarts for the great Mifropnlitian
puthas market-day. The anmala made from 221 $30 /$ is head, acording to their size, quanty, and
adimn.
rue Irish beasts were the most numerous, and the
it st in ruality and condition, that we bave eyer spen. present the Irth herds at home are sadd to be tree mi diseaso: and as this is attributahle to tho frotiten intry, a stronz ease is here made onf for the benprafs
 bads. Miny oi these J rish beanto were four year some of thm were as well-bred at any nne nead Imk at, and the whole of them ware in either a for-
rot or dicrk growing condition. Nuw, tierefore, tliat Irish herds have attaned this character, surely obrt thing whinch Irighmen coutd be pagaced in at
is time wout be to suprose their traflio in animala, d thereby redeem the character they bear for lereby the value of them in thes country is lowered 1 times more 'than it would cost to treat them in a lised way.
There were only a fow hundred Ticrone, and hap
 re 111 furr ". 1 htion A- ecgaru cinave, We are pleased to be able to say raplaint to be seen. W' trust, that the mizture of seave in an incipient form, will not rosult in making
peneral in tide districts over which they will be anbutent.
some fers of the remnants of reeent long-woolled ram
es were eflerel hy Mr. Law and Mr. Bnyge, jun., d the prie- these inferior sheep made were equal is we of the averages of the best of flocks. The apc rages ree $10 l$, and $11 l_{\text {a }}$ thead.
The horse farr was confined principally to the trade
 imala are as great as ever. Many a young animal was no
 e scarce and dear i cart foal, we were informed, was id for 21l. In thre nas and saddle-horse depnrtment ere was nothing hut screws, or shapeless annmals
at are of but little use; for the trade in sound and

## they ever appear in a market or a fair at all.

## DGRTCTLPTRAL COLNTY SHOTV.

TIIE sugzestion in your lavt namber (p 1023) with
 fur its centre, descrves serious collideration At present $I$ am scarcoly prepared to assent to the proposal without further inquiry. The reasons you have
aduceid in its favonr are weishty, but somethiur may adiluced in it faronr are weighty, but somethius mas be aid on the other side. in too huntes area
certanly to bo deprecaled, and tioo tenducy of such
asoontions laas of late been to atmalzamat on. Tuus
 thare, now ember wes the evitue cuant. Ia like nawaber the sparkenhoe ("lubl lise expanded into the Lecester-
shre Gochety. ohre cochety. An one can deny that in buin these infuence and prestice. But if you make tho area of a
Society enabrace something like the third or fourth of England, you totally change its charncter. We have already, in addition to the Royal Agricultural Socioty,
orr premt meatines, saeh as the Yorktobire, the Bath


 names of Tooth, Fawkes, Foljanibr, Ialy Figal, \&c The emulation of ordingry brecters, whinh it is 80 diflicult bet so desirable to excite, wnald ron muchs
risk of boing enmaletely estinguished by encountering antagonists like these. Wie want to rouse ordinary farmers to emulatinu anong thrmselves, inctead graing nassively at hi, h-bred stonk as thes might at the
beasts in it monagere. Local slowa hape materially beasts in in menagerve. Local shows have materially
zssisted in the difisi $m$ of superior anmals, and anwlere are thay more numerna than 13 Jorkishit
 ho a flow once "s wech Mcn may have exlremely,
nell-bred stock, the ditfunion of wharls would murli
 of the kingdom. It is well that farmers stould havo an opport unity of incpectink these, and thas form in
idea where, for examph, they noy heot anphly themidea where, for examph, they may hest mpply them-
selves with a bull, withant going to the price expected by Captain Crunter or Mr. Ebonth.
With regard to the duration of the show, I asme with you that one day is suffivent fior thrise carrie f on on the sresent ulan. loo "he on a larper seale a trat henefi foramiat, is for the riah aul sufforimz

 exarbitions $1 s$ to farmers, to whom they aflord all
itnportant means of instruotion. It ia very well for the inhabitanta of town to amure themselver by inapecting
the stock, but J seo no aflenuate good to be derived from detaining the phor creatures longer than necessary from home for the mere amusement of factory operaIives and children
If, however, narieultumal exhiblinnara to fulfil their heluat purpoar, as megns of elumating the gublin
mind, there must be more confdener felt in the mind, thiere must be more confidenee felt in th
decisions of the judges than is the ezase at present. A one means of attainung thas, might at not be possible at the larger meet ines to allow the judges an opportuoity of revising first impressions, by going a second time over their work: ()ne if the most eminent judgets of
peultry memlinnerj to me that he had on ono occasion poultry mo nl inmers to me that he had on one occasion a cemond plancent two pens of kirds, and that he had
 is a tendency on all surh necrasions, lineonselous it may bo, to give the preference to size, fat, and fourishing oondition, orer those less shoury indications of high selves no the private ohserver. (on this ground I sympathise with Mr. Flliman in his protest on the pendently of the merit of the pens Ellman deserves the thanhs of breeders for his moral couraga in upholding the true character of a breed agunet more thory clames There 15 another point worthe of enntleration the present the jud aes have

or clse we should not see one eolt knocked downe
50t, Fhile the arext, which is no better looking, fetches
1000 . The judges therelore ought, in common fairness, to be allowed to posseas. thas necessary element in arriving at a correct dpcisiou. Men who were fit to and no ruore. If it be ohjected that ruch informstion might induce gartasinshap, renig that in numerous casps the judges amy loyen at the Rosil and ather great fanklar with turi nommal themselves. So far from any party ferling inflizencine then awarls they are, fana rul colires I allude t, the proferenes whe th mat he enite tained for one strain of blood orer ame :loer, for mo one
 ilustration of tho confidenco placed in them, Mr. Wilson'ment ons that ist the great Hamfuruli Inter mational exhibition, the jugges were furmsined titi
which is perfectly ukeless. On the otber hand, it is matter of every day ol-eervation, that at pirovincial
shows, animals wiu prize, as shorthorne, wheh are


 were al.he unkuotru 11 , AL fat sith h the best ammat
 It mas eren be that a referenve to pedigree would in
 placing the bert animal in his riblitul picsition For
matahce, a persmn not accustrme! to first-ellass Shortlorns, mpht easily, amobe a lot of young bulls, prefer one slape! lthe a prize bulleek to mother hatug the proper type of male ammal not yet arrived at maturity. A reference to the respectite parentage of tie tho misht passibly in fuce a doubt is to the correcticess of the standard whech the pudpe had hintherto hells. As a tirst step in the rizht dire tion. I Would press on local societies io adopt the rule carried out in the ratalgyue of the lioyal Society, where the name and Hord book number of the sire, and that of the dam writh her siro and number, aro appendod to overy anmas exhibited. If it is thought hy any
onn tint I lav tng manh ntrons on pedteree. I advise


 knowledge of his art. For pationt remarch, extensive reading, and peneraligation aliko cautions and profound th 18 not apyranched by any bonk on the subject. W'illoughby W'oad, Berion-on-Trewt.

## THE WHEAT CROP ON 1 Sid

In tho Agricultural Gazeffe of Septomber 18, your orrespondent, Mr. Ford, of Merton Hall, Warwirkthire, wifes it as hus opinion that the statements whteh I have put forwaril with regard to the yeld of the What crop" of thsil are "most erroneous," and fulleerl, that my estmate nt the smalinest of the deffency compared wota the averake, so "serfectly ridrculous," Mr. Wrod 6a, that on . Ind 17 he rporleat his bel.ef that the Wheal (rop of thes gear would fall short of that of 1868 by at least 2 quatters mar acrer, that simes that time there oreurred some fine hot corsens weather, wheh materinily stmproved the Wheat erop; that shis hes is of opynumen that the eid will be nearly 2 quarters per acre less than last jear. The material improvement wheh le admits thus onls reduecd has cesmate of ther dehmenser pomplared with law year Irom "at lequ" to " nearly " a quarturs puen asere. If freely grant that, un the marly part of July,

 TLe following lath in addutur to those I have before adduced in reference to the Whent crop of the hurvest just pessed, have a considernblo independens ralue; bust hiey will, porbaps, also aid your readers in cornings their own conclusions aniong the conffiotiog Opinions which have been published on the subjeck
In a fied of 30 acres which has now ylelded 9 grain erops during the last 11 jears, Clower was grawn in his, and this whs folluwed by Wheat of tarious
decerintions, tho land being equally desed with
artifial manure for all when the seed was sown. The arthatal manure for atio when the seed was sown. The
resmits results wero as follows.
\#atielist, 1969.


Thus the arerage yiejd in these 10 experiments with as many different desrintions of Wheat. is over
50 hushels per acre ; and 1 have probably cil seres on my farm which will ficht ant averaze of fiquarters per acre, It will not be dombted that an equally laree
pronue has hem outamed hy many others; whilet,
 wowether, suppene that, in a seasou which, s, ide by side duce, the crop of the country generally can be so deficient as it is represented by some. lour correspondent does not say what he estimates the average produce of the country to have been last year; so that his estumate that the yield is 2 quarters per acre less this
year does not clearly indicate his figure for the present year. nstimato the profuce of 18 is to averace, oner the T'nited Kingdom, $3 t$ bushels per acre. This, at the time, Whas monstered to he ratber highi a and the mould seem to indicate that it was nt any rate not tmo or. If, lowerer, we tahe 3 buhheln per acre ai the
reld of j 68, apd deduct from this 2 guarters per sero, ind have only 18 bushels as the average yield for $1599^{\prime}$ The price of Whent at the present time certainly
 estimate. J. B. Lewoes, Rothamsted, Sept, 28
PS. Since writine the abore, I have seen Mr. Kaing-
Jackson's letter, quoted in the Money Article of the

Times of Sept, 2 H . He there sums up the varion
estimates of the Whent crop of 1869 , as under:-
 Mr. Sanderam, 26 busbels por acro "Ftonting Cirkgee Litit," Sopt. 3

ON THE TECHNICAL EDUCATION OF THE agricl leteral labourer.
By J. Balley Denton, C.E, F.g.S

## [The following paper was read at the meeting of the British

Wrrit the general interest feit in the condition of the agricultural abourer, and the promise held out by people during the next session of Parliament, it may not be inopportune to address af few observations to
the Association on those points, by attention to whioh it is hoped the promised mande of education may take a form which, at no distant period, may have the effec
of instructing rurai labourers of comiuz zeneration how to earn higher wayes, and thereby obtniun more
It is not to be doubted that the prevailin
of education is the cause of the depressed and absence condition of rural compared with urban labourers which renders them the worst paid class of the comestablishment of a system of primary education, which establishment or a ssstem of primary education, which object of the writer is not in any way to interfere with this elementary school teaching; it is rather to chow,
while the subject Is under public consideration, that it While the subject is under public consileration, that it
should be associated with technical information, whereby the labourer may make liss work more valuable and better appreciated by his employer, and thus secirre more money in return.
Tp to the present time the conuntry at large has of the firm requare no nitiation, that thutical heal th thal strength alone are refuired to make tlie iarminz labourer aill that he need be. Gradually, homeser, tho businews of the farm in its several brancless $1 s$ lecoming more like other buxinesses, and c lementary education and terinnum? knowledge are a mitited to be as essential to the full
return from azricultural as from manufacturing labour, with this dulfereace only, that, the work of the farm being depeadent on fuore subtle influence than thosg of trade, the technical knowledgo required to wider than that which is mont protitable bearing is
other calling in other caling in which manual labour is the chief
aotive power. Yet mo special learning in any branch
of farming is imparted to labourer, although there is not a trade which does not require its working members to undergo approntice showing distinctly how the more intellizent appreclate
 a monotonour revelition of the same work, is not eennaless he has gone through the form of combmation, It is upon thus ground, and this ground only, that in all the better trado societies the first rule is, that no one shall be atmultted "unless he possesses good abillties as a workman," ia which crase "he shnll not work for less than the average rate of wakes payd to members in the same branch of trade in which he is cmployed. The act of apprenticeship is, in fact, tho very hasis of trades udions It is very different sith the farm sia weed as a horse-keeper, a herdaman, or a shepherd, and obtan full wagen, he nust not only do his routine work with industry and eare, but, to do st nerfeatly. must understand the asture of the animal with which he has to deal, and how best to maintain its health and produetiveness, knowledge whirh is not to br parmed in it may be qisirkly arquired by special servitude and technical terchone. So with the ploighman, thre rride has work thomoughily he must not oniy understand the nature of the seed ho miy have to sow, und the plants he mny have to raise, hut he must be conversant with
 is doge, which for the moat pert koeps down the price
 duty than for a craqual hand who, beine put to every knd of work, 14 manter of nome.
It has bem alranced that the simple payment of maner weekly wasem to agricuiturai labourers, without would be generally henefiemal. This horverer is duties, to the lirst urameiples of economy, as such asystem could only be muntained by mpoverishing the farmer without increaming the pro luce of the soll. If, on the ontrary, the work of the labourer 19 male more pros ductive, not nnly wall the farmer be rendered better able to pay lisher sares, hot the arsl, by yieiling more,
 advanced on the ground that, by rasing the wages of gricultaral lsbourers, they will bo immedately enabled, fort Lo prove that this is well founded reference has
been made to their casual employment in rail-
way, draining, and other public works, and the better wages they then get. It has boen further supported by the statement that when farm labourers from Dorsotshire, Somersetshire and Cornwall, earning from \%s. to $1 \geqslant s$. a woek. have migrated into the higher from is. to les. a woek. Have migrated into the higher the prevalhng higher wages of the district, and have become as valuable to ther new employer as native
men. The experience and observations of the writer -who, for the last 20 years, has had the coaduct of works of land improvements in nearly every county in England and Wales, and generally has under his control from 1500 to 2000 arricultural labourers-do not the quality of labour varies in different counties or aistricta, distinguishing one from another as distinctly as any other characteristio feature, and that the value of the work performed in the low-waged districts is very much less thau that of districts where wages are higher, although there are some special works which are even better performed on the low-wnged than in the highwhich has afforded satisfaction could be investigated, would be found that although the want of hands rant labourers may have received at home it has only been when they have become skilfal in their now
duties by practice that they have risen to the level of duties by practice that
In spite of the fact that the agricultural labouring population has decreased, it is not to be denied that in some rural districts there is still an excess which has the effect of kecping down the price of labour below What it oupht to be, While there is a scarcity in other
districts which has necessarily the contrary effect of raising local wages above the average amount, though the scarcity may not extend to the whole of the year. starcily of hands exists it has been caused in most instances by tho same species of migration as that by which it is very properly desired to counteract this nequal state of things.
ho ridings of tha counties in Exaghnd, reckoning the ridings of lorkshire as countes, Mr. Thornhlin last), that there has been a gradual decrease in the momber of perans employed in aspucultare, the redti ion heing traceable to tho migration of the young and active men from the country to tow as, and from agri-
cultural to manufarturing pursuits. He says. - Not cultural to manufarturing pursuits. He says. - "Not
only was the number of agricultural labourers fewer only was the number of aqricultural labourers fewer seriously deteriorated. Jo doubt fewer women were employed in the fields, but tho proportion of boys and old men to full-grown men in the prime of life was
much increased, as appears fron the following table:-
Labocirpra Employgidis Aumiciltire.

Thus, if we compare 1861 with 18.51, wo find that the total number employed in agriculture in tho former year inoluded $73,7(1)$ fower who were able-bodied, and 47,300 more who were either lads uader 15 or men The
The progress of agricultire, nevertheless, has been so romarkable and rapid within the last 30 years, that, machinery and horse Inhour to objects in whimh manual labour alone a fow gears back was the only means of produrtion, the actual demand for men has increased, and 18 atill increasing, partimularly in those parts of the country where arable prevallyover pasture
culture. But as long as the falacious opnion rules, culture. But as long at the fallacious opinion rules that physeral power without the erercise of mental
ability is the measure of the value of mannal labour so long will the farmer treat bis labourers with the same enn-zderation as he does a threshing-machine, or a
stemm-plough, which is only set in motion when cur-steam-plough, which is only set in motion when cur trak has bean performed
frerutently dirrectent the hiands of the farm anhourer Thas raqual deacription of emplayment would grye foct, find that the return on his capital would be in
proportion to the inteligence of his workmen and the proportion to the intelligence of his
 exerted in reading
arditiou or subtraction when at school, ceases. He is
or a a bird-keeper, or a rrow-clapper, or a ploughboy, formed without mental culirt. Do one takey the perst trouble to teach him his duty, if he does contrary to What ho has been told to do, he may recerve a blow from his master or from the man he 18 working with and if he is consudered to be donge too little for the $2 d$
or $3 d_{\text {. a day }}$ which 18 paid him, he 15 sent home to his or 3 d . a day which 18 paid him, he 15 seat home to his
mother to find another master, from whom he will repplve similar trentment
The age usually devoted in all trader and occupation when the apprenticeship 19 thus wasted, and the time impresanons lost. At the same tune the rorat habets nocident to asricultural life aro umbibed, and the pernichous inflnences of beer and ciller take effect. The create thirst whan taken beer and cider, wheh taie in hatitual drunkenncss and enfeebled theal thei It is striking to observe and enfeebled tealth
drinking is associated With low wage an early in the age of the agricultural labountr ence of beer and cider take effect and preverath we can labour. Thercare not any staisticg = drank in Fonghoul, but wo find by the what returns of Horntwhire a conlety famous terph
wages, and in which mazh cider is supplited by the farmer to their labourenty number of arricultural labourers in 186 m m while tho number of beer and culer sellen ava In Lancolnstare-where the cent, higher flan in tho umber of ariculturat la boureer only is da and the numbicutural labourer proportion of 40 on publican. $131^{7}$, whidh acquainted with hourers to one publican, pa specimen districts will confirm the statemeat on higher wages of the Lincolnshire labourer Th prof. to the employer than those of the so Co countios.

80 much atress upon teolur tion, of improving the condition of the labourer, I would point out the means by do read ined. At school the child should bitur the firmy in monosylinbles, of the conmin pared for this use. Childran of igral ditb known to take kreat interest in the ani
and crons of the farm, and they would retain farther details conveyed in an 1 might prorm. Thus, primery and technia bo useful to the children of the lubourer children of the farmer too, and, if propard different ages, would command a very larga o lead the children to think on ratters connem de thair future occupationa.
is soon as a clatd is considerol old enougd $\frac{81}{W}$ schonl and take part in farming duties ha eu on the farm,-not treated as he now is by beif di gain under the shepherd, or tho housekeepe? - theeper, or the engmeer, or the hedger man re or the thatcher, or the dramer, that special ins it
which would nualify him to earn higher ryque for ot therwise could. Thore coult not be any invy sy dilliculty in carryme out this plan, parthediva all would obtan the most unefnl mormahos. Fhi masas, \& boy employed on tho farm would pra op a thorough knowledgo of it, and then might pass th another. In order to e impart, stueh information as they posess a smas while competition fir prizes
amongit tho scholars themselves.
THE PFTERBOROLGG TRLALS.
 men, and all have who an intcrest 10 \& P great treat. They did on their own accoun believe, hitherto was supposed to be only the
goceties. They arranged a steam-ploubt tria the agreculturists in their locality to judde for ian which might be the beat tackle for tueir ont
circumatances, and certanaly a betteropporturf
$s$ ras offered for that object. I whave, ho I D representative uphen the groant, so fine for that the very numerous company, the magnite luad intention is, by armument, to exantue whicus the hest way of making stenm $c=1 t i v a t i o n$ morat exhbition contribute to that end. movahle anchor, which, areording to the epof is cast doubt that when I sav the apparatus there were no anchor-men regulurel, and the to
boys, who have nothing to do lout raise the allow, the anchor to travel formari, were sul
perorm that duty. As regards the novel invention, I sm quite certain it exists only 18
ingenious arrangement of the revolving clar hind end to 1862 ; they had not the revolving claw, ravel was regulated by a chain and on the orls such as wo saw at l'eterborolsth, ctill ught sands and upon rocky sols the chaum isp
But John Fowler Co. abandoned the rod sham, and with it the travelling anchor; I believe, because it did not admit of steamp a large beale, which menens, "urng in lab travelling anchor of Mr. Camman matht, I de tall. In irregolarly-alinped fiad- it would more than $90^{\circ}$ on $150^{\circ}$ and $160^{\circ}$ In that a much question whether the anchor would "Im in Mr Colp. Then there is this further dis. that when the work in a field has been complets
box, carryng the dead-weight, has to be emptied, se is wanted to transport it into another field,
arrived there, the traveling wheels must be
oft again, and the earth-box refilled. All this off 3yain, and the earth-box refilled.
 Cing-anchor
Campan's
s anchor, although hirfly ingenious, complication of the sy stem, without
In my opinion, Bulstrode's patent In my opmon, Bulstrode's patent
is a much more serviceable addition ovk-sling is a much more serviceable additiou ther part of the roundabout tackle oxhinbted. whole apparatus was manufactured by Fowler is and their windlass, with ths compensating brake, structed with that due regard for strength which racterises all the machinery
The nther tackle exhibited
ning cultivator with nine tines, each worhing a 10 inghes
rt, The nork it performed was well done the

morning until $2 \mathbf{P u}$. 18 acres were "got over,
pth of about $\$$ inches, There was a novelty in
The of tho engines: the horizontal shaft, which nicates the power to the winding dodrum and all
berle and aring and bevil-wheels, have been entirely
sed with, so that the whole design now is a
of simplicuty. During the discussion, it was of simplicity. During the discussion, it was great interest was evinced in the question-
is the best tackle to suit the men who farm hom 200 to 400 acres? The custom of small fields,
mooked hedges and hedgerow timber, was apain
denounced as one of the elementary hindrances to cooked hedges and hedkerowentary hindrances to
denounced as one of the elementaly
Buccessful steam eulture. Although Mr. Smith, o buccessful steam• oulture. Although Mr. Staith, of
Woolston, came in for a large share of sentimentai
ou.onum, overy whit of which he deserves. still it was ourimin, overy whit of which he deserves, stitl it was
evident that the practical aqriculturists then present did not consider the roundabout tackle, even with Mr. The roundabout system las, since it was ori,nnated, have only ndded to its complication. I lave upon ormer oreasions expressed my o maering steam culti-
system being the best mode of making
ration more general, and briuging it within the reach every farmer; and, in my opmion, the latest
andements of Mesrs. Joln Fowler \& Co. 10 their h hiring-out tackle are unquctionably contirming my


 power $1 s$ alnost doubled, so that, when travelling, the ower they exert, "beats" thenr wewht, and these old engunes woukd be in dillieutit
Aow for the economy of working a large powfer tackle
rreference to one of small pomer. One man is necesre to drve even the smallost engine, and one man
thers to Irive a 20 or 30 horse power eagine. One man is necessary to steer Mr. Smith's 3-tined culti-
vator, takios oue yard in widh, and one nan, with tho same ease, steers Fowler's widest cultivator, 18 feet
Wide Clearly there must be economy in the large Wower tackle, at least as regards labour. But, I believe, more powerful and simple tackle. I am under the
mark when I state that, on an average one 20 -horse double tackle can do as much work as four sets of the roundabout tackle. The cost of four roundabout tackle is considerably above 20001 , which is the cost of a
20-horse power Fowler tackle. Non-steam ploughmen might say, why not put a 20 or 30 -horse power engine to the roundabout tackto? Practical steam ploughmen
will agree mith me, that more than 10 -horse power are will agree with me, that more than
The hinmg out taekle will, I believe, always have a great share of publue patronace. It is so convement
to farmers. Without ono farthang in outlay, nay at a baving of working capital to them, for they are enabled to dispense with some of their horses and implements, and it nesessitates no knowledge of the management of a steam-plough to the exaployer,
its work, even when farmers pay dearly for this convenience, at a cost less than that of their own horse-
labour. Of course the hiring system, in its present
Disappointment to stage, is most unsatisfactory. customers is of darly occurrence now in our business. Few are fortunate enough to get the uso of an appa-
ratus durigg this season; but then surely tiat is not the fault of the hiring system; on the contrary, an arzument in favour of 1 , for it shows a great
demand, which will $1 n$ time be met by a proportionate demand, which will in time be met by a proportionate
supqly. Precisely as there are now steam threshing machives enough let out for hire for the demand, so mach will be steam ploughs enough for the work to be done. My advice to the agriculturists desiring to obtain each on their farms oheap steam rutivation, is this, that two, three, or four netrlibeurs, according to the size of taukle of at lenst whore power, with double engive (the less number of partners the better), or to en courage and assi
purchasing a tackle of the most powerful description to
let it out on hire in their locality. Richard Toepffer North Lincolnshire Steam Cultirating Company.

## 30me earresporvente.

How much Milk and Butter will a Cow give ? - In find one of your correspsndents quves his experience of find one of your correspsndents gives
dairy farming. He says "I consider qallons ( 2880
quarts) a fair return in a year for a cow, and this quanquarts) a fair return in a year for acon, and thilk, if the food do not contan more thann- 80 per butter" This samo writer says that 20. 1 1 . of milk, or about 10 quarts, will make 1 lb . of butter. He also states that 5 gailons, or 20 quarla, was the highest daily yield of one cow, He was evidently a practical man, actually gave throughout the year an average of 81 gallons daily, or $81 \times 300$
quarts in one year from 47 cows, or 2610 quarts from carh rowld be 201 ll of butter yearly from of butter, "Fas the average Formers Almanse" for $19 i$, I Ind it clated that a
 20 quarts danly, yielding a pound of butter from 1 ? pound of butter from 12 quarts; and a Devon cors rave ${ }_{1} /$ quarts, yielding a pound of butter from 9 ? quarts. Of course these last are excentional cases, but your own correspondent gave his actual experience of one year of but I allowed 12 quarts to produce a pound of butter, which gave nuplb. 1a a year instead of 201 . I do not
think that I have greatly over-estimated the produce of a cols. Moreover, in Dorsetshire, it 18 by no means uncommon for a farmer to let out his dairy to a darryman at $15 \%$ and even $1 \times$ d per cow per anaum, and that
Poultry and Papture -I have always found my best corn wathin 30 feet of the fowl-house, although the poultry have free ancess to the ficld. Many of my that therr fowls eat off the joung Whent, aad' Mangel and other plants. On inquirmy as to the cause of this discrepancy I zoon discovered it. Poultry are as fond of graziag as either sheep or cattle. Near my hen-house noultry, smd as they rannot get frass they eat the youltry, and as they rannot get (irass they eat the be pasture land near the hen-howe. I am more and biter than cither sheep or builarks. 'mpre the hive
 8ib. net dend weight) you get froms $9 d$. wo $14 d$. per lb .
live weight for your poultry, I speak, of ourse of
well-bred poultry properly fattened. Fisperience has couvinced me that birds, poultry, and winged gatue are
the farmers beat friends, and that withont them his
crops would suffer great damage. J. $J$. Mechi, Tiperee,

The Crops of 1869. - I was very glad to see that Mr Ford, of Morton Hall, had exposed the fallacies of and praising up the crops every year, in order, 1 suppose, to please the landlord, for what other purpose
He that, aud then hazards a conjecture as to the yield. How ing along in a tram? No wonder, theu, his preductions are always falafied. Everywhere be is set
down as is false propliet, on wham no one can place any reluace. He appears somewhat nettled at Mr. practical man believes what Mr. Saunderson saye, or credits his opinions." But there is no doubt the yield of the Whest crop is very indufferent, and is at least 15 bushels per acre short of last year; indeed, the crop for Mr. Lawes to say the contrary. Henry Watkins, Whilam, near Birminghan.
The Potato Crop of 1869 at different periods was almost threatened with a total failure in the early part of the year. In west Devonshire and in sevoral
other counties it was 80 much affeoted with
 the month of August, but the weather in Septenber later kinds of Potato for winter consumption, and it is the opinion of practical men that the crop of 1809 had for years. The London market was never better so low. The Potato crop on the Continent is very heary, sond in an advanced state of maturity. $W m$. Paterson, Tmon Street, Dundee
Emigration to the Southern States,- Mas I request a small apace in your columns for an extract from a letter received from a friend residing in the North of mportance in the present day, and will probably be read With much interest by 30 ar agricultural readers ${ }^{-}$-


gwo.l eultis
cre, the
The per
 of tho present day, beloeving, as I do, that ere this generat ion Jusses, such will be the competition for land in this country as to render farming a most unfeel as my friend and wish that I were a younger man and had such an opportunty before me. Surely 1 would be wise for young men (who have sufficient spirit of enterprise) before entering upon poor and dear farms in this country, with the cortain prospect of losing their capital, to take a trip to the Southern States of America, and judge for themselves. It has tunity was opmion, that sinep hewar a good oppor letter seems to conform to that impression. Nor is the social and poltitical state of the question, to which my friend alludes, of loss interest; it plainly shows how under the hands of an all-wise Providence, events are working for the meneral gnod of thas great human fanily, If illiam Cubtt, llacton Abbey, Norfolk. IThe from the Tormich Merarm Thin Seeding-I send you the results of the comparative the 1 pecks per acre beat the 2 pecks and 1 peek per acre by about 1 quartor per acre. The yield of

 carried the day. In two former years the I pect per acre, but on the heasy land look upon 1 pecks per sown late in quantaty, and on the light land, when Dauh furmer should julro for himsclf by conparatave
trants, for solls and climates wary; tho crop is also infuenced by season, and espectally by high or low farming. Erfht pecks per acre I have always found diminished the yietd by nearly 6 bushels per acre. I The following statement may probably remove many doubts and dispel many quibbles. It is copied from my book (Houtledge \& Sous), pp. 13 and 45

AFTER PAYING EVERY EXPRNsE, Farmers'Capital.


Annual average, $6151,138.38 / 2$.
I must decline any further correspondence on the whlk of Diseased Animals.- When we had the cattle plazue 14 our herd, a scientifie gentleman wished to
have some mik from a cow sufferma from the disease.
We had at that tume three anmals in our hospital
suffermg intensely. Uur balliff manged to get out of the threse cows about a pont of milk, which he put down on the ground whilst readjusting their olothing. A greyhound dog, a great favourite, followed me unobserved to the shed, and whilst our attention whs the dog had lapped up all the milk. We all though some mischief to the dug in him whatever, aud, if I remember rightly, he ran. .wo next day. I meution this to allay the ears some persons seem cows affected with foot-and-mouth disease the milk of cows too, the milk ceases, or neariy so, when the
Animal is attucked $B$. M. $F$.

## Foreign Correspondence.


and very important pratical result, namely, that of onabing the outitivator to supply those elements whioh that hef farmer deals out food to this costiea and poultry. Among the eonsequiences sowing from sucel solutition are:-1. At what period in the life of a plant various manures act efficiently, and when does their elfect cease? and 2 , When thi plant antanss its maximum power or ssimilatiug the olements whicl it it dirives
The Professor oonfines bis that power cease?
The Proversor confnes his remarks at first to Wheat, alad arter wards proceeds to tho consideration of other
planter His plan consists in noting the variations
 whiol a plant underpoes at different periods of its
dopelopment it its
thei thus ascertaining the periodic increase of its organti mattor and of each of tit mineral elements, when it is at it it heipht, and when it begins to deolione.
The
Aprii 19 thet exteriments stems of the where madd in in ing to elongat
 was dificult to find and remore the eart; on June 13 the oar began to show itself; on the 299th of the same ${ }_{13}$ month the the fowering wis entriely compitetod on July to turn yellow ; and, lasti], on tha soith conmenoed to turn yillow; and, asatly, on the 30th of the game
month the
Wheat was out. The results obtainod from the erppriments made at the dates above given wore per heotare, as follows:

Organic matter, do-
ducting nitrogen
and ashes.
|April| May
 Nitrogen Silicag.
Oxide of iroun, with trace of mid
nese
Thasphoric acid Phesphori
Minue
Magzesia Magresia
Potash

## Totals

The second series of experiments was made in ISC b
On May 11 , before the ears were formed, the Wheat was a little more forward than that of May 16,1862 ; adranced than on June 13, 1862; on June 22, when the flowering was over, the Wheat was in about the behind than otherwise; on July 6 the anything rather easily crashed; on Juls ${ }^{\text {phen }} 5$ the corn was reaped. The plants not containing always the same amount of moisture the Professor reduced all the samplea experimented on to complete dryness.
as follow.-


The two crops were grown upon different fields. The last dressing of the former crop consisted of what is second orop consisted of street refuse, containine great deal more salt. These facts explan, no doubt, in a certain measure, the preat difference thich exists in in the slightly salted sens of in the nerghbourheorl of Caen. The two Tables of results show that when tho fowering is over the plants have acquired nearly all
their weight, but, especially, that they have taken up all the minoral mabinecially, that they have taken up

phovions to that period, and that not only per reqard most umportant constituents-nitrogen, phosphoric then, is certain elther that the plant of tro things interchange bets cen the elaments ahsor a continual expelled, remains in a state of ewubrum and those ceases to borrow from the equilibrium, or that it elements and disests the soil, and to absorb new viously taken fits their thing tir special bature and destination. If, as everydistant from prove, the second bypothesis is the least distant from the truth, the active intervention of manimum if it de elements of the soil 18 reduced to a poriod, then, it does not rease entirely. From this poriod, then, any vew addution of manure can have
fitte efleert upon the crop- In other worls, after the flowering $1 z$ completed, from the monnent when the
 fluous or injurnous. Experience thas in fart tausht the farmer that it 18 of no use addrog muaure atter this
The next quastion is, wrpproving the existing (crup.
true of other crops besides Whethese farts are equaly data respecting the compnsition of plants ast rarious staces of therr life and devecopmont. M. Pterre then
ives a series of observations made on a crop of Colza
The first experiment was made
the plants were 20 inches higb, and nearly on the poin 36 to 37 inches high, and in April 2, the plants being
one the third on May 6, the plants havinu attained an average heizht o feet, and the flowering completely over; the fourth on June 6, the plants being full 6 feet high, and the tume the orop we, and-all the leaves bave ing lilan the the stems turning yellow.
The results oblained from the wholo plant, roots excepted, aftor being thoroughly dried, were, per
jeotare, as follow:-


## Cropentíro



Kagnonis and
Thus, as in the case
case of Wheat, we find that when the of the orranimpletely finished, nearly the whole nitrogenous and mineral substances whole of the up by the plant. If we consider that these two plan not only belong to different species, but to botanio families wide apart from each other (Graminaces and Crucifera), it is fair to assume that the facts indicated have a certain generality.
The inferences, therefore, are, that $u_{p}$ to the moment of the formation of the head, and even unthl the flowering, tho influenco of manure may still make itself folt in an energetic manner, but that after that period, when the seed is formed, the effect of manure, Whether old or new, has little or no influonce on the prom large crops it remains to infercnces are derived grown under glasis or in pots $y$ beld the same rosndt
The Professor concludes wilh the following observa-tions:-Amongst the practiosl consequences arising out of the above results is, that o plant hes exercised its exhaustive action in the soil long before it has come to maturity; but it results also from the same data, that matter, has moter acquired its full limit when the pro vision of mineral matter is already, apparently, com plete
is regards the ulterior accumulation of carbon, furnishing free carbonic acid in solution in the soil, or humid matter soluble in the sap; 2. The atmo sphere, bringing carbonic acid to be decomposed by the roots, during the last period in the life of plants seems to be improbable in any form, for in the state of
with it acert in aneous solution It nould take up
 plant, whereas we find it to actualiy diumumbued. The matter it whatover state of solutiontion of huma always contain a notable proportion of minearat sub stances.
It remnins, then, only to consider the carbonio acid of the atmosphere of which a portion may be given out of the soil in which the plants are vegetating at the period in question 90 inches in heiglat, corrcponding to a layer of air amounting to tons, that the its volume of carbonio acid, and that only half the latter acid decomposed would represent about, 5 lb . in waight, day, there would bo a fixation of the carbon contained in about 100 lb . of carbonic acid, or in round numbers If it be remembered that the carbon does not equal according to the ahove hy pothesta, be a daily production, of at least is lh. of oryautc ruather, or for the 15 day per hectare, whowh it of faet the arctual iucreatise at that tho production of organic matter during the mont $h$ following the fowering mota rosth during the mont 800 kilogs.
which is rather more than is foumd to be the increase. is $O$. Whe $\bar{W}$.

## Farmers' Clubs.

## Went cumberland.

Are not our Root Crops and Cerenls Cultitated recent meatin' of this plub, of Pronction? - At read the follossing paper:- I ask your attention to this preliminary question,-Has خ̌ature set limats to the productions of animal and vegetable life? In oartsin ands, in the case of animais, does Nature supply body, enabling parh to to all and every organ of the nocessary to healtay existence and the generation of its, pecies? and in tha rase of plants-1s there a limit to
 cultivator, and leave in hos hands sound frut to the thealthy so it is , and I think none
These remark lifik none presetit whll , upenty tar not our root crops and cereals cultivated beyond ther natural powers of production?
Turnips-ind, first, let me notice the latest crop mitted by the grower not a mistake, too often committed by the grower, to have all his thoughts and fforts direoted exclusively to the capability of the soil,
and none towards the nature and powers ghor
whioh ho has planted? It is with wcight per acre can I raise, and nat hor stimulate the plant, conssutent witit hom hect healthy crop-a portion to be used as
cattle and sheep; order to supply seed for future crops
he tries to grow 20 or 30 tons per acp, to or even 50 tons that would be still or a moment at his operatons, He p provably from some coltaun who selectry his seed roots in tike
armer the the this se
applies the most approved and between the drills, weeds
Ho may win
He may win a prize from some encola
one else must secure some roots for seed, th crop is removed to store. Is an extra m
he can afford to give an extra supply to this way the winter passes over and succeeds; st such a time you all kno crops are invaluable; but what does Turnips are either rotten or remaino in sight they don't look so bad. The skin (thas skin) seems whole, but when it is broken ho contents already pulped to his hand. aboat a bad voar for keeping Turnins yet. Sume time nbout Michaelmas he may so largely with his fine large tug cattle, wa scli at frass as othors whicu he knem to Seed Turnips - Nown let iss in quant for sced. They bave been planted corner, and anon they grow, how hed fine and fic shelle, the sent stalks are sulely suppoted they win come to maturity, and the seeds are ditit pared for use in tho followng year,
they go ? He who rears the and he who grew the parent bulbs must lane
 mits them to land

## agaid splitting thono trila in th the dined sum

 before. Some of the sec fs sprout in dua noursi,are very lazy about it, int some nevar do it
 tox routa; and somo flby worm
 apon crons, both as to guantity and qu
often soo results whoso causes niust be forcing the plant beyond its factaral limuts, amb mueh as was overiliawn by tho first. Supposef pet a post horse whoso natural force is equal to 多 and if one of you wet the same borse next day, ankin
knowing what ras done with him the day beldin to do tha bame, I think you will no because I overdrew by two days his natural rhu work. Of course if you had hnowa nhat I der
would not have had him. Ay there's the relyat paidas much and lost as much time ov nueazure illuntrato th
nud really they do get on womlerfully, in the o the leest of tho horse, leaviug others to firht mith fast inon aro not compolled to use sedd from tho ol overforced crops; then their race would fast and longe.
not think, as many do, that a darmer abournis ont upon them for wintering his cattle. Feg of rood quelity would serve his purpose betta of sisin in proportion to heart are the best fe tho beat keepers. If you put two bullocks to oue, and only heart to the otaer, and wra progress, you will seek no further proof. would measure from 15 to 17 taches round ake a Turnip, whose diameter is 4 inciles dave about 50 sliperficial iaches of skin to 88 inghes of heart. Then take one whose of the former, but son will be only fons of heart; that is, sesuming that the Turnips ut they are often more conical than mobule asse the proportion of heart to skin would Therefore I

Potatos - What I have said of Thraps ${ }^{\circ} 34$ powers they by unadu
arckly fataly who ee members can ouly go
posed to disease, and any sudden change
posed to disease, and any sudden change
 lons time in teed hefore the work of the
I asi over the whole conntry's it I
it

constothererer the decy koing on 1915 . The first oym mivmember was what whs locally called blenaeyes, . bemained sound in the soil for months. The nextaymp - was a peculiar form of stem, which consistod o mbling in form the weed called Field Spurge, and se was a dry rot in the pits or store heaps in the and the nert was the delure. Each of these noticeable feature of the whole was that each
ded the other by a fow weols in the the , During bll this time foroing weat on large crops. Instead of putting the seed in ery and bleeding tubers were committed to soil
 Pt the surface of the ground, wothing re
the seed but the skin. An set many met
 surs given, naluely tentricity, whith whe tathins slopte 1 hy matis clever formers, one o
$\therefore 1$ to tur, nl order to jut, fy his ent ed that there is no mistake abore it," I at all the plants on the thin, poor hills are safe,
the loutaitu lias bere forced lics and it
of production, and wo mut (ithe its type or suffer its extinction."
are less obvious, but no less certain. Doubtless
in anin in ctrav, hat clenty a lose in the furlity blest diminishes the quantity: greatly. In thi un, ity left to the judgment of the buyer, the athence is not reade test of weight datid measure, inferior grain to me that we have not the quality of grain now perial bushel, they are now generally 53 , and oven less; Barley, which was from 54 to 56 , is 67. Whatever doubts may obtain regarding I can learn, there exists none as to their applicahave, perhaps, a greater variety of quality in thast that herbage which bulks largest to the eye that The miake either of your dairy can tell without freainn on that tine old olvive-coloure 1 pasture of rank dark green Grass, where stroug chemzeal Houants have been apphed. the inferior, but larger -1 am loth to lose this opportunity of saying of Grass. The rage for continually stirring nic while it lasts we cannot have good Grass, have think that land say, of land being arass-sick don's think that land is so apt to get sick of Gras to r,ill have a good crop of Rye-grass and Clover to or hat put your seeds into dry, firm, and compac Is your green crop land be light, and soft, and a thacond whita crop, giving manure, and plough rith a light furrow just sufficient to cover your
are and stubble, then sow your Grass and Clover and stubble, then sow your Grass and Clover
and an will be astonished at the resalt. The
is obvious. All small seeds require a firm and

 bessuse the treading of the horses' feet in turnit so that Grass and Clover seeds csan get aik firm

## 

arimeral ntwerne thum ins in to the on hyarlite

## to ai! thent: there be no matural

ur green and cereal crops than leb drop sour minds all that I have said, and continue
your forcing process as long as you can. But if Noture bearin bounds to the Eize of every plant-to itruitthen it becomes us as fise men to try and learn the natural law of the seeds we cultivate - to know both we may not violate either with imponity.





## Farm Memoranda

Lodge Farm, Castle Acre, Nozpolx (Comelnded from $p$. 1051).-Cattle.-Mr. Hudson doos not breed
any beaste now. In former years he had. at different any beasts now. In former years he had. at different on the farm, except two or three Alderney come, aro steers housht in during the autuma and fed of during
 during the summer. From 100 to 140 steera (mosily Shorthorns), zocording to the root crop, are bought it every yasr at from two and a-half to three yeare old at Peterborough fair, which is hald in the first week of Ootober, and any defciencies are made up at Norwioh. In the winter these steers are ton or a dozen in nmall foldyands, having sheds ang about one side and a halr of oach. Ther got mant each por diem, as well at a bushel of 'ult has (whon
 They bexin to be sold off in January, and they oughi Tho monuro isart
heares berau fubrequen out in Janunry and rut into heap, Wheat the heape are made in tha fulluwne manner - A boitom of good mould about soupes therk is first land, and the manure is then carred on by certs, whech are drawn on to the heap, tilted, and ithen return tho broukht. The heaps are fron 2, to 30 yards lonk, from to beasta are sold, sume May during the dut me and in the evenine come un May inle o hat the faol. Tres by night and remsin in the yards all day. The ame dhasn summer-RTa fower aro those bowht at l'eterinoronsil.
Dieep - Thera ary hirl breedmiz ches kept on the frm. These are from Hampure lown ewes by a owe-lambs, and the ratus arr, as a rule, hired. The ewtes are put to the ram on t.a beat heen that may be fed off from 10 to 12 months, and $\because 10$ the 1 oondon market in July and Aupust as many additiona
meadows by day as soon ss there is sulficient keep for meadows by day as soon as there ris Sulticient zeep ane kept on moed, the oweo having come locnat boarge wenned in July, when they are put on the ciover eddishes. When the Tanikard turnips are rendy to dram, about the latter end of August, some are thrown to the ismos every day until the urnips are ready to be folded off. After the lambs are weanec, some of the ewes are put on the water-meedows, ard sold to toe butcher as soon hat fat.
During tho winter the hoggets are kopt on out Turnips and Swedes with an allowsnoe of cake, ,hoing on lige in the siring as soon ag the rurnps are
limishm, they are drawn for shearing, for the London narket, early in March; and ther wre generally all gone by the middle of April, when freah ones are vourht for the irrigated pastures, Hye, da Those on the irrizated pastures by day are removed to the
uplands at night. Fleeces ranga from 7 to 9 lb . in werght.
The lambing evee live on anything they can get untul a fortnight berore lambing, when they begin to receive \& fow Turnips. After hambing, which com-
mences in February, they get better leep, inoluding

The hoggets are washed, from 10 to 14 daya bolore they are olipped, by the farm labourers, in ordinary wash-pito, excopt those which ro of early in the spring, whioh are washed in topid water from the steame engine. Clipping is done by a kind of piecework, which is practically task day-work. The price
paid is $4 s$ and half \& gallon of beer per score, but a thin is not allowed to do more than a score in one day Soon atter the lambs are wedned, generally towards Allen's composition.
In February the hoggebs are sometimes whtered with a bottle, using 1 lb . of arsenio with soll sonp and Tobacoo juice to every geore of sheep. As a ralo this is not required it the dipping has been properly in the summer.
Great attention is paid to the arrangements for folding sheep. Instead of the ordinary, hurdle the shecp-pens are inrecls. They are each 12 feet long on two pairs of waects ground to the top rail, and cost about a soreretgn, but their durability is promartonate to their cost, nnd they last more than 20
 Whan ot is hart and ary in summer, thus effeoting of Whan the sheep are feeding-off Tarnips in wintere
Whath 1 -mach square minali-11ets are used berore and behind
 stronk iner boy at ts, whis top, tash, and cut the Turajpg
do anything else that may be required for the 301 more than 18 , per score per week.
When the ewes and lambs are together these arrangements, are supplemented by an wooden "alittout of the pense and next day's fold before the ewes are put on it is on the their rations of cake nuld lentils. This lift-hurdle is about 7 feet lonq, and the usual height; it is divided into two portions by a horizontal bar midway between the ground and the top rail, and the lower half is subwide a by roling upripht bars 10 inches apart, just upper half has a sufficient number of uprights to give the whole the requisite Etrength.
Sufolk breeds, 20 to 28 horses, of the Norfolk and being considerably yopre than three horses to every 100 acres of arable land.
Fourteen of these horses are kept in boxes; the remainder are fedi in statls and turned into the horseyards at night. From tho beginning of harvest crusher to also 1 bushel of hay, wheat or bare crushed beans; into chaff. This food is continued until the middle of May; they then get as much Tares and winter Oats as they can eat, leaving off the corn and chaff after they they have had preen food about a wenk. In this way the middle of July, when the Cow-grass is morn unt which they are turned into the pastures and remain there until harvest begins, when corn and chaff are given to them, and their winter treatment recommences.
Horse
that ro afr occasionally bred to replace some of those that go off, but not otherwise; and as a general rule they are bought as 2-yent-old colts, in preferance to breeding for home use Hitherto the number of
horses employed has not boen reduoed by steam cultivation.
The delivery waggons are drawn by four horses in two pairs, and take 25 sackg of Whest or 30 of Berley. carts being three-horse tumbrils, and the haryest waggons dratra in the same manner by three horses in a line.

Labour.-After the elaborate and, we may almost \$ay paternal methods pursued in the north, the
Norfolk system of labour is not very attractive. There is no such thing as a yearly labourer, no boarding petveen master and man except work on the one hand and payment on the other. The bailiff rets one hand per day, and the ordinary farm labourera from 10 . to 12n. pez week. Lads sre paid from 8s, to 9 m per Freek, and bays from 4r, 6d, to 5s, while women get
from IOd. to Is, per day. All the payinents aro mede in money, there being no privileges in addition to the in money, there being no privileges in addition to the Wages, Cottages, with gardens, are paid for by the
men at the rate of from $10,3 d$. to $1 \mathrm{~s} .6 d_{\text {s }}$ per week they are tolerably good, and the labourers do not often A consider
A considerable amount of Aeld work is paid for by the piece, ath has already beon desoribed; but much of which can usually be got at short notice. These pangs are compased either of men or wotmen, These gangs the nature of the work, Women generally do the weeding and other light vork.
A wheelwright, a carpenter, and a blacksmith, are kept on the farm, and all the carts sad waggons, as Weil as the harrows, are home mado.
The labour account, including the wages of the bailiff, blacksmith, carpenter, amounted last sear of the to nearly 20NOL., or very nearly $2 l$. per acre on 1000 acres of land, about 200 of which are in Grass
Hudsom Cultivation,-For the last three yeary Mr. Hudson has had steam cultivating machinery on engine is a double cylinder of in-horse power, and 18 Tho used for the threshing machine and other purposes, Fatiug is in the root orops, and from steam cultithe crop of Mangels, as proviousiy mentioned. The
noe of nteam has also tended to the substicution of
coltiveting under certrin ciron Coltivating under certrin circumatances; for instance Belore Mr. Hudson bought three timess
cultivat hiring steam tackle, and paid so. per acre for coal and of carting water, ploushin, besides the cost o the same arrangement as to coal and water, at iss der per acre. Ifr. H. MI. Jenkins, in the "Royal At Igricul

## Wrest Gloucestisrekire: Oet. 1, $1869, \rightarrow$ Although

 the stormy weather of the last three sweeks bas somevthat hit hared us from getting on with our autumn cleaniag, wise for plouphing up the and formble than otherthe way, had got rather behindhand onvin this, by haryest being fater than usual, and the continuance farm has bat; but now that the horse-power of the been got well forward, and whated, the ploughing has on the hills, and will soon be begit sowing las brgun As there is now so mureh begun hereaboutsseeding, and as the opinioch talk about thick and thin are so conflicting and unons of many practical farmers be so conflicting and unsatisfactory, it would, perhaps, let those who feel inolined to differ from Mr. Mechi's views upon the subject try a few plots of Mroumd in the same field, with different quantities of ground in ther bring the whole prodrace, quantities of seed; and

Weights and scales, for there is no other means whereby the question can be correotly tested. So far as we are concerned we agree with nether too thiek nor too thin
seeding; our practioe for years has been to drill from 5 to 6 pecks prar acre, according to the time of year and the condition of the sail. We think that evers farmer should be able to judge for himself what quantity of seed his land requires; but sometimes cows 2 gushels, or sometimes his judgment, and he would do, simply because it is his wont. No doubt 2 or 3 peaks of seed would be suffieient upon some rich or maiden soils, but upon our old arables, and these not of the best quality, We must drave a line, and seed according to our experience. It is reasonsble enough to argue, that if tho land cannot support one plant, it certsinly cannot support two, but upon our cold clays some allowance must be made for loss of pant. In a wet winter, wherever there should happen fill full of water, and there it remains till the sun and whal liry it up; the conseruence is that the plan thoroughly drained Innd. In this neighbourhood the harvest was secured in the best possible condition, and in most cases thatched beforo the rain set in. The dencienoy in the yield is greater than was at one cially when the Wheat was badly laid. miditing, espeamount of threshine has been done in A considerable hood, and tho results has been done in the neighbourhood, and tho results are from 5 to 6 sacks per acire, and the weight 58 to 60 lb . per bushel. Very Ittle,
Barley or Oats liave yot been threshod. The Yangel drought, but sustaned a severe check during the Late Turnips are grow.ng rapidly; there is every prospect of an average crop. The enty sown are beinf The Potato crop is good hereabouts ; no lisease has appeared here at present, frowers aro busuly ensaged
digeine them un. The sowing of dipgine them up. The sowing of Rye, Vetches, and
Winter Oats for spring feed is now pretty well completed.
Stork of every lescription is healthy, good stores prospect of a atumn Girase shatn set in, thero being a stock ewes selliog from tos, and good lambs from 21 s to 308, per head. P'gs are still very dear. J. W.

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tion. Tere Poultry" in the City is quoted as an obstruePoultry be pulled down, few who dwell extra muros and the privileges thereof would be able to say. The only way in which the poultry of which we treat can demand, and such is, when the supply exeeds the Mucli
 is our cookery and man? inemint of the bird after the aurchase of $1 t$. It ls very dillucuit to say at what price when purchased by his concar t's muldle-class mat the mid-day meal for his prowing, aumerous, and breakfast is finished for the dectsion arrived at, whea when she goes out, orders the fowls. She knows her maid can't or won't truss them, and therefore they are sent raluable addition to the by which arrangement
mportance of tho riblets or aly tock-pot is lost. The in a Frenchnoman's eyes that -ne would carry home, the smallest portion of thems. Were the same thin inclaped to ask at what time the danner mond be expected? Not that our Engish maid-servants woul not do more for therr employers that periaps those o any other nation; but that, in the present instance,
they don't know how hey don't know how.
story as to the proper education for girls intended for the kitchen is here very freat, more especially when one has just rend the telligg and home-hitting addresses
of men as Professors Kingsley and Maurice at the Social Science Congress. It would be delightful to train a batch of really Rood cook-maids. The difficulty is in
doing it. It hns been, and is, We thinl, fairly tried in
nearly all parts. In "Tom Brown's Sehool Hughes gives Mre. Brown the oredit of doing muoh for
the risiag generation; but when 'Tom is at Oxford the aursing the old villagers get (as deseribed) at the tand been eatablinhed bo of the first orler. Jitchens have started by sanguine traders, all to templour mearket artisans, and lower middle-rlags to improve or at leas change, their mode of providing for their daily meals; but while we know of more than one failure, wo doubt if the successful cases are numerous. It may be that Which our forbears called "kickshaws " hut wo thishes the old saying that "Heaven sent the food and the Devil the coos" would be leading to the root of one They managetion to make dishesing we make thom) stantly say so; but except that ther trosc; We col time than ours, find. On one other point we think, however, we must the uniney cook their poultry better. From the time object of constant ettention 18 last breath ha is the feathers are carofill billed in the summer, and therefore, like the fes he is $\mathrm{H}_{15}$ in the same country (France) he is not left long prinojpal part of a ragow, which figures furnish the
store gives the intenuling diners an inkling store for them Tater. I'wo meliumand
pensionnat in Frunce serve for the rodit more people. Thoy are sh.lfully roti f be mueh wore equatiy divireal, and can oresses, they are apprectate 1 , but fe sed
 unless flanked by a hatu or piece of pord mat add all sorts of things to it, athd inferion, Fith is to conceal its real fayour 100 . starting polut, wo repeat with si luess the we mupply of poulti'y exceeds the demand wo must not be misun derstoot. Tho a retains its price, the supply and demand chickens, and farmyard dueks whind sale at any price. 'Tho Ennerald Isle not at present in her good graces - over and dying. Many of tham never find st the greatest wondor is, how the producent when the chicken passes through the hand railway agent, salesman, and eating-homs "Chioksen the placard in the window of 4

Roup in foows-Roup is a somewhat for most diseases, but is moat properly running from the mostris, swollen ere dered excrement, The symptoms most of ratting aificut and nolsy breathing enerally termon rmos in oeginalag nit anil much swollen, and the eyelids livid, mitl sighet, and even total bliminess. There is discharge from thr nostrily, and even from of fretid matter, at the comatereement thina but afterwards becoming thuk and puruled offensive. As secon lary symptoms, the spy. but gone, except for drink; the crop feeld healthy the feathers aro staring, rufled, ay corners, alsestes. The fowl sts mopirs ad of the disease it is supposet? to be infertil whether so or not it is certsinly propen, for ch sake, if nothing else, to separate the disesed They strould, alyobe all, bo hent warm and har of pitre water. Trenf norat: In general we wod the kining of in roupy fowl at once, unless it bes
as the risk of its containtraztine the whole fock At all events, let it be remored from the yand as discovered. Warm, dry bodding and tutito are the first essentiuln to reoverg:
trinuent removal of tho dried disha the ches anl nose hy warin bathonst the eyos woth warm milk and water. In the may of ander vir.ous mondes of treatriorit. For gom
is by the roup," snys Mowbray, "wirm affected by the roup, says Mowbray, wime
is necessary, and even this indulpence of the, fire or the bake-house Wasla the nostrik mul
soap-suds as often as is neressary, and the smil With warm railk and water." We kspe to a forive following rats the patient being mat spirits or aleohol and water is a finish to in dough three times a wenk. Dr. Benmettor roup and all Iutrid affectionti, il contaden trae lake finely palyerised fresh-burnt charoat
yeast, of euch three parts; flour ol sulphat llumr, ono part, water, gitunt.ty milluctent. god make thto boluses of the size of a theo thes a day, Clean.and
necessary than warmeth, and it will sow desirable to bathe the eyes and nostrilg nilk and water, or suds, as comentent. warm weather, remove the infected ones tol heir then sive a clesser sponntul of can a remain until the next morning fa Indian meal, addine
hens, ar in proportion for a less or hey do norm, and repeat tho dose in a dal

## Calendar of Operation

## Threating seed Wheat is gencrally best

 the stook; butin early seasons in our southes. it may otten bo stacked withnut harm. Of hand, nothing $1 s$ more rajnous to seed ll to stacking of grain becomes damper and softer after sith such cases it is better to thresh out of thel then spread the grain thon upon the gred auired for sowing Newly threshed Whenalways to be preferred to that which bas the granary for only a montiz or six weth north of Ireland some of the small farment bheir Wheat, as they term 1t, handfula over

## of the grain fo

## lashing out th

he strow. quaty being the
tuey also prick the smutty ear
was pery fine seed is obtare they begin to fola

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SATCRODA, ,iTOHER lin, 1869.
marting for the emitina were.

A GREAT deal has been gaid and written on the subject of Skwage, both as to its qualities as a mauure, and is to the whist effectual mule of diaposing of it in caser where it has been collectod by draivage. As any facts bearing upner thene imn rtant subjecte are Taluable, wo need thak, loo exeluan fer citang thet expanence of one of our veteran horticulturists, Mr. Masters, of Canterbury. as to the application of sewage to urdmary nulsers stuck. Ho mas premise that the Vauxhall Nurserles, where the experiments wo are about to call attention to have been carried on, have been used for the growth of troes for upwards of a centary; consequently, without the application of manure many crops would be so weskened, from the impoverishment of the soil, as to be unfit for markot. The subsoll of the establishment in question consists of brick-earth and valley drift, over which lies a for spades'-depth of a stiffier clay, which is tho part requiring manare, and for which purpose heaps of town mbbinh ani various animal marures wore cmplay.lalt, remith retrug how the chmmen mithend the is fantit nathers, Mr. Manffik ratiof! a liatm thin to be constructed for the reception ot the mave from the
adjacont barrack-yards. This is conveyod into the tank by pipes, and yields a large supply, which is rendered available by first filtering the watery partioles through a filtering sareen, and returning the semi-fluid to the mass in the tank. Preparations of ginc and charcoal were at one time applied as deodorants, but latterly an easier and better process has been adopted In a nursery of large extent there must be great accumulations of weeds and refuse; those, instead of being dug in, are collected together,
and with the clay are burnt in large heaps. The and with the clay are burnt in large heaps. The dry earth and vegetable ash

Then the tanks are emptied into an area of 2 feet depth; the surface is covered with the burnt earth, which destroys bad odours, and is in time incorporated into a compost fitting a nurseryman's purposes. It seems applicable to all sorts of evergreens and shrubs, which attegt, by the rapid growt cos make, and tho colour of their foliagr, how con-
genial the manure is to thoir natures. Fruit
trees trees seem especially to relish it, as the Peaches and Nectarines, is bey̧ond average, and the trees show unnsual vigour of constitution. That these good effects aro brought about by this manure is shown by the striking difference in the growth of the trees and shrubs on a portion of the ground which has not been so treated. Roses, either upon the Manetti or the Dog Rose stocks. thrive remarkably, and produce flowers in abundance and for long continuance.
But it is not to nursery plants alone that this matter is valuable, for it is equally beneficial to all the Brassica family in the kitchen garden. Potatos thrive with an application of itamazingly, though unfortunately it does not prevent the provailing disease.
It appears to us that the above system is as nearly perfect in theory, as it is excellent in practice. We have here a manure xich in all the elements that plants require, applied in a way that enables them to avail themselves of it readily, and which must materially improve the mechanical texture of the soil to which it is addied.
When we remember how many nurseries there are in the country to which the application of eowage manure zo a mirailar manner would be an sive adoption of the practice. It seems to us, in its degree, to solve the two fucstions we allulled to at the outset, as to the value of the sewage mattor, as at manure, and as to the mode of dealplan is doubtiess not so applicable in all instances as in the case of large towns, and even for smaller ones it would be an expensive matter to get a series of such tanks as above described into work ing order, but the money would not be thrown away, as they would become the means of enriching the respective neighbourhoods by affording a continual supply of what is equally essential
purposes of horticulture and of agriculture.

## gardeners in all parts of the numerous letters from

 the warmest manners of the oonntry, expressing, in the warmest manner, approval of the proposal made Mr. JAMrs VEYTCH should be perpetuated amongst horticultiprists, for whom he did 80 much, bysome fittigg Mryontal. It is proposed to form an
unlimited General Committee of members woald forma a central or managing body, and has country members would sot as collectors in their
sereral districts. Thare should also be a, committee for
Bootland, and another for Ireland. Those who are
 to us a gardener of tirst-class moition and, uderment suggests a monament. Tomy owa mind the choice lies botween that, and the institution of a fund, the interest of which should be given as a 'Veitch Prize' or 'Veitch Fho ouring the year shall make the most important additions to our garden productions, whether by importation or hybridisation." For the present we merely things by haves, so neither should this memorial question be left half worked out, either by those-gardeners by those interents he heysers-to in so mose pleasures and aratifications, in a gardering point of view, he has in so many ways, and in so large a depree, contributed.
with his catalogute a coloured draving of three NBW

Grapks whioh were sant from the Crimea friend M . RUDLRB from whom M. MUULEE obtained them. One, named Ribier du Maroc, has large roundish black berries, not unlike a Hamburgh, and is said to be good. Another, called Malakoff usum, coloured berries (four wighed 54 , grammes: 1 geamme $-15 \frac{1}{2}$ gra, neerily). This ponst st least be a very handsome Grape, with something the colour of the Ahbee, but of a doeper tint. The third is the Tschaousoh sofra, usum, a large obloug yellowish white sort, desoribed as being appearance, may possibly be the Chaouch or Chavoush, already known amongst us. A Chasselas de Husseren, also announced as new, is described as having the qualits of the Chasselas de Fontaineblea

Visitors to the late InTERNATIONAL Exyini-
 has just issued a report of the procoedings on that memorable occasion, illustrated with portraits of
General GreIG, Dr, REGBL, and others who worked
so hard to ensure the pleasure of their guesta. The so hard to ensure the pleasure of their guests. The
report in queation will form an acoptale souvenir.

## late Profeseor Dablemy has been placed in the ohapel

 of Magdalen College, OxfordEt.in• hexobias
CAhoLI• egmit bridee daubeny ' M
 ohimis. botante- geologre





## VINE GROWING AT TRENTHAM.

Vings, Grapes-Grapes and Vines-one or other of the words are hardly ever absent from your columns, their praises are ever being sung, and their glories
ever chronicled. To some no doubt, perhaps to many, of your readers, there may be just a little too muoh of this Vine or wine alorification ; and to tell the truth, I think there is, so that I owe your readers an apology for meddling with the subject. I would just beg to remind them, however, that a great deal of the matter
brought before them is unfermented, so that although brought bofore them is unformented, so that although harm-or good, Haven't we during the past 12 months regard to the necessity or absurdity of bottom-heat, and the merits and demerits of early forood and late lept Grapes ?-eaoh party maintaining that, except by the adoption of their particular practice, nothing satisrecently been told by one who ought to know, from his lengthened experience, that by the admixture of calcareous matter in the soil of our Vine borders, we do a very thing whioh we nearly all have been ao anxious to obtain for our Vines, and in whioh we believed they loved to dwell-but which Mr. Cramb tells us is ever, will hardly bear out Me can use. Facts, howand his protest falls unheeded. The plain truth is, that all these extreme doctrines, opinions, and practices, require a good deal of the fermentation on common
gense. Major Clarke very aptly observed at the Manchester Congress, that tact or ability to take materials or conditions was the main thing wanted to ensure success; that be believed it was possible to produce good Grapes with bottom-heat, though another that good Grapes can be grown in land charged with calcareous matter, as well as in ioils from whioh it is
totally absent ar nearly all depends npon the to the end.
That some soils and situations are much more
favourable for Vine cultivation and ardening omera
 but little tried. There is, in my opinion, a steat deal o
nopponse written abont the ocmposition of soils for our Vine borders. localities, $\qquad$ nd some time and some other places I could name, it is a than on some high-lying warm-to produce Grapes The treatment required in the two instances opposite as the two poles, and when success equal or superior to that in the favourable situation is achieved in the adverse the credit due is all the greater.
Given, one of the coldest and most nnfavourable locaities in this country for Grajes, Trentham-the noble bat badiy situated seat of one of ournoblest Dukes Grapes there, as well as that of every other department, refleots the very highest oredit on Mr. Stevens, the refiects the very highest oredit on Mr. Stevens, the
Duke's able gardener. Sensation honses may for a Duke's able gardener. Sensation houses may for a
time be here and there found to outrie anything at Trentham, and this may sound rather paradoxical, Trentham having been so long under the great Mr.

Fleming, the seat of sensational gardeninze Noul
ever, under the régime of practical Stevers changed; and we find instead good sound pa gardening carried on in
extensive establishment,
modest and unpretentious manne
one whit from the credit due to the Not to this place, I can without the slightest hesitith that the Trentham of to-day exhibits morest practical gardening than ever did Treatlin no proof, 1 simply say, go and see.
no proof, 1 simply say, go and Bee.
Mr. Stevens hag done since his accounti. Mr. Veitch's big Azaleas at Chelses, to six years ago, is not within the meaning ou Piums, Chorries, do. and nearly every Yis
"almost miles" of houses and
have been removed, and new soil, new bor for each, gome ides may be gained of the remember the fine fruit exbibited
when in the zenith of his glory, and the po ance of the same a little later on, and can 00 by himat the Manchester show, will kno the resugcitation has been; and all prabtion are also well aware how much more diffioi
resusoitate an old place, keoping up at the resusoitate an old place, keping up at the entirely new affair, when nothing is expeoted ait actually there.
To the Vines, however; and in the fint
I am afraid to say how many hotaes of there are. All of the Vines, old and yoms when I saw them, not long since, looking rem Well, and making strong, robust wood, riven
gloriously. The shoots are kept thin on the that all the leaves have abundance of space to d themselves. And such lesves !-0i a deep perfectly olear of insects. And here one word Vine. Just socording to the amount of folige perly developed, will be, not only the root sutio the quality of the crop affected, ss every parthe sap drawn up by the roots ruust be elaboraval
the agenoy of the Ieaves. It would be every tant matter for our learned physiologista to detentis or other organs, is required by a Vina to prodea certain amount of Grapes. I hope some day that one may beable to grapple with a questioa luy practically we may not be far wrong. It 15 , howen all a matter of guesswork, but Mr. Sterens appeas
guess pretty near the mark, for although the banch were not enormously large-some 5 or 6 lb , Ino crop extraordinarily heavy, the berries mers of in saw. I was so oaptivated with some Blat Efabuy
in one house that I must neeus my intense astonisament they within ittle more assured me they had coastr: knows it takes generally a month to do this prath The soi
The soil ist Mr. Stevens' command is pstarally n and adhesive for Vines, so to improve it in this and to rander it more porous, Mr. Stavens has be desired. Yery jittle organio matter, or other mititin if 1 understood Mr. Stevens prope
and certainly no Vines could seem to be ha
warcheas at Trentham le low, very neard on Fine-borders are close on the water stratum, and therefore naturally extremely low in temperature prove this, registers were kept last March, of side borders in the garden was $33^{\circ}$, that half s diftant on the side of the peighbouring hill wondered at that Mr. Stevens, in his low, cold damp locality, is a great of bottom-heat for his Vine roots? No; with himb almost a matter of necessity th was from a long time ago, that I heard the first of the concret
of the Vine border, and at Trentham it is still practil and with advantage, The surface of the concrese


 3liwe t at ima，whith seetme 10 putyle cordinary




 fromeling atnirgat Vines，an 1 so su cranful，that it







 Of t．ithom，it is a mot of bud－grafting of the half－ripened

 4．dhomen man be pifeler at any time after the 3 nung

 If nutas on the other depsrimenta of tha frimed

## PLINTS IV BLOOM IT KEW




 tinue in hifom some considerablr time．The distine tions betuern A．filifera and its altr，the A filamentoma
 a Fir lal an rppertunits of publ，shine
i in in the $1 l l u s t r a t ~ i n ~ B o s t e n t e, ~$

fun，n＋ins is the eammer
－lare plantic，and most admirably he ruvers inrs－large plantiv，and most admirably bloomed，giring quite an enlisening appect to the the rarsity much shorter sind narrow leavos，than the typical form，but the ather，the var．minimus，con－
siderahi，departa from tha type，insomuch that
Dr I meilet，who fizured it in tha＂Rotancal Register＂ Dr I milet，who fizurm it in the Botanical Rexister


 more atiomal wisisatimn thast，I beliesn，it rereiver



 a．umuate a $)$ and petal－ot a greemieh white
becomue of a yellowish east as they grow old，and with
the labollum quite as narnow es the two pethe The ［mitalh，so general in almost a．l（Jrohais，and envecial！ marked 10 A seqquipedale
3 mehes in lencth．and the foliage is jernilas ia lisvime






 esiaryed its brads，（especialy in the uptar part of the
 and thero remains－an Odoncoglot，beatring athoo



 The firct．not unfremsemly met with in kirdene under the namse iralar Thibmetil，is a somewhat ornamental
 extremitses of the branmhes are firodured riend，erent， poniegl－khaped paturew，appearing at first kipht more tery small，aro densely crow dol icuto momewhat globular heeds，which headk arm kialked，smd arranged ro wh th resomble at raceme 1 ts corrert name is Ormpanas
zalaponse，Doad and Plapoh．It in mative of Mezien， zalaponse，Doad and Plapeh．It in mativo of Mesien， boing found arousd the town of lalapa trom whemen ita mone frequentiy met with ihan the iast，usasully known aso Aralas digifias The folaze here alsen in digitate，

 and consusts of several dener roundseh iomhela，in them and consusts of several dense roundish inmheif，in their compresuad，roddimblerown roohil：several prye



 （tab． 114 ），of wheh country in un ntive，and appent Tho thini is in wonert eppownaco excoodingly fike at firat bubt＇Tham malk of the madilo joafleb in a latte
 Hise the lil．grers flomere aro irrti zel on la




 omectre a itne shri，h of a II ornandla，eritantly fremi if＊a prasn ridi inhabitant of the earden，amb whi it ia pame in II Werenhotitiana，a sperien rery litt in known name in il herenhoutiana，a sperien of the Priendly even in hontanista．It ${ }^{33}$ a natuve on the Prendly Islands It differa 1 mm all recongenorn in haviag fir piarta of 1 ta fompen arranged in fres inated of
 tn ree smmend it heyond ita fine bold hatitand foliage．
The leaverare large，ovate－oblong sud obtuke in forms， the learen are arse，ovate－oblonk sno abed and fomewhat crowded the extre－ thick of thexture，and fomewhat crowned at ithe jnforenoobce in a lax，motich mity of bed paniole，each shoot of whioh terminstes in a nur－leaver influmere the a duakt of wh chater，mate lbementral otna femaln Tha merolia a of fise white with a cingie kitind at the rach of earn，in thas female the parisare also in twes，hirroundior a pectivar peltate ptigma．Its chlef interest ses in the fact that it is one from the flory arrengement previonsly asaribed to the
 ful yellow－flowered Brgmonis Chamberlarnu，a climber which has cxisted msny sears in Britieh gardens but whuch appears to be less appreciated and less rultivated than it deserves Ita hranches tarmanate in a raceme of smme mipht or ten flewera，egeht mueh of the form of a Forzlore flower，thens：2 mavlerathly langer，and of pare ton the Benmeliacenns plants，the beantiful flowernt Convalfulaceq u－7a⿱一⿻上丨⿱⿰㇒一乂心，known in zardians as Calnnsetion wheroulm， 1 s．eldinte fine trivera of hlos－ कoms al every 3xil Juf plant bellas ipeplent is

 of Ind a and of（cerlnn The great number of flowers

 It bloominas，thyether mith ta beautiful follage of 3
furm－combine to make the a really frat－rath dimbar， devel pitanif Pasaflom，nadrangalaris and $\mathrm{F}^{2}$ manerim carps inay ！ike ise be meen growing a，ie hy side．Both $\rightarrow$ de es to jusify Mr II ulet1：xavil an，except that be mulfiphed the welght tiy ing il ic

## （INIMNG． <br> THRIR AARIETTHA ANH

 S1 Nけゝ M1，As extensife callewithtt if thmas wat submitied





 \＆Sugden asalled themmelves of the eppartumily to brith from theyt orportmentel rratinds stmermene of thotimonr culurated geberalls is thax conntry，and ot

 veted in Porkugal．Thin mood this，alr．atwil amongat vilisation of the Gmien amatacirs athreatel in the
 ank sent to them，along witi other vafletion for mamparikon－

## Mr atmatim <br> 


 There（）njonk Mosara Hart \＆Silughen clansufiod an 1 eltong or Juriform－Tn this weetion beions the

 amplenf．tamac＇hrepone and the l＇ear－khaped approxi－ mated most norar？th the roported Onion，evidently shaw．n\＆that thr latter either apreng from the former or

 and（）porto（）alon sead benlk sown side by side the formar atbinod a monh grower mioe than the letar， have whown noout an equal weight in proilune，and aborkl an ryttal N1zA，when momylort whion oporto
 thlo comatrs whett kern slipyimen hy the gentlemen









 eipally in the mikunese of the outer rkin of the latter， Which would make them more attratuve in the shop Fundow．Thequeation，however，might be stall furiber ventintod，and we hope that wnme une will brigg un e．Fiat Onion jnar．
2．Flat Omion whach attain a great mae－The priu－
 New Venetian firant，Flat Giant Madern，Red Ylat The last ned Sallon，and Santa Anthe（rant Madeira， the（）porle wed was evidently a seloeted flat variety of one sinck，Viz，Fint forant Madeira or Fist Trspoli． they gron to a artat to 2 ，and are very delieate in 3．Pale red and brown－skenned flat Onions．－OC Pale there were sperimens of lanavers＇，St，Brienne Rale Red Viort，Pale Red Flat Keeping，Common Pale Stra，Stresburg，French Strasburg，Flesh－colonred Lerge TR．Red Spanish，I Ellow Fint Keeping，Very Large Fellow and Straw Colour．Al theag hate a Fery ment farnily reambiance．Under ordinary treat oultisatey so mediun－siaed Oaioas，but with extr suppation they attain s larce siza，The beat of them sppared to be st．Brienne，Red Hort，and Danvers＇． Sulnhur，Susphur Flat Keoping，White Spanish Rellow and Nuneham Pry ilf Tery much reaemblod other．The Nunehem Part（hrue）is evidently s sood pariets of tha White Spanish Onion．It is cultivated from gie flarour of thecimens a cininple was cookea，and tho that of the importe i fonurn of the eromen．White Sganish Oninn，mostly grawn m Melfurd－lare，appears This is the pretty little（inonon，and ripeas of sooner． Garden maskety futhe fonon，which is sold in Covent is anwn thickly on ligt of May
5. Red Onions.- These were exbibited under thei
arious namea of Blo d-rull I) wrk Jllhod-red, Yer Dark Blood-red, and Tery Dep 13 ood-rek. IBlonil red was the largest an I Tery Dark Blood-red the 6. Whute or silver-skinned Onions.-These were exhibited under a great many Dames, suoh as Vers Early Paris Silver-skinned, Early Paris Silver-skinned Large Farly Paris Silver-ekinned, Early Nocer White Tripoli, White Valontia, Silver Keeping, and White Lisbon. The diferences seemed but trifling White Lisbon appeared the coarseat, and IThite Tripoli fromon imported seed were tho fonost. mucb prized for picklinge
8. Potafo, or Luderground Oncon. This is a larec 8. Potato, or Luderground Oncut. This is a large
and mild-favoured variety, not usun ly 1 roduced from
seed. There were. liowner, spe anens from Mr (G.l-
 The Tres or Bulb-bearing Onion, sometimes called the Rocambole Onion.-This variety produces small
bulbs on the stalk iustead of flowers, and these are considered the most valuable of all Onions for pickling.
The collectoo, as exhibited belore the Frut Committee, is on view at Messrs. Barr and Singden's warehouse, King Sirect, Covent Gar lent,

## Z2ome Corresponatice.

## Potato Grafting. Our good munins over the water


 of Potatos in never, in a mincturs pritit of virw, compensate me for "the trouble and time I have
bestowed upon this valuable root." But what of that ? It has becn to me a woudorfitl ctivis during a periad of which gears, whalst lasme hati- ul a every varets then by crossing the fiost sorte, and of late yeres hy practising tie graftiaz prosess, an ivegght into Natures workings has been emaneen sumcient to alwars was znd ever tril remain 2 Tr, tato. In my minat tinguisis in the co speosmens I towk to South Keustugevery sort that I have operated upon, from tha first parents of my original cross, and more-even habit of growth and appearance of tuber, is like the Wian escylent as at mas recenter this senabl by the



 cust matter to impornve upon the sumese, as in alf my previous workzugs, excepting my last earls and late atches of crowise, out of humdredz of new cedings have not been sble to ancreet should be in the ata nerties and habil of growil). It is yet rapable of yreat improvement even nu my, ist exins, anl is the rate of
 lumly, thouwh matrint exiulent, aq heme a part of our
 origin of existence? I trust jour oic and moat worthy warn him never to manatmennett, will allow me to to a conarderation of fircft I lave been comprlicd to
lnow the importance of monetary matters as muel as gny maz-marking cares hare matal "the gres
borrow to flow o'er my hear " be fore ste tume hut it is

 To indure me to gite it u





 the skins of the praft and the thr an lat never Fariegation of colour min-t be attributel e ther ton the colnur, similar ty that which Mr. Bennett speak of the haviog mernrre! both with himaself and in the garim of Mr Barkeley, Mear Worrester. The the
the blue racenses
the tho lanas. I ranat quite understand the wo magraphs of Mr. Bennelt's paper. All the eyes, from the tubar to be gralted on, are, or should mour they may be, they would produce thoir hind from the efes left 11 , and if the uniting of either skin eye or graft will independently and simultaneously produce Potatos of its kind, though in the cases of perfect or partial cicabrisation, resulting in my pracachieve a "mixture of colcurs" in the hybrid. The circurnstance of "one square inch of the substance of the inside of a tuber" being able to and tubers, without a fann or symptom of an aso in it enmposition, is somethin? quite beyond my experience the mere mention of which has causel Mr Bennett diflimulty to "weather, that point", thau I had in making "port araftug", Ifrastatire inrla of the inm le when deprived of all its eyes? In the latter case I almost invariably find my tubers, when the grafts do not "take" to remain plump and inert in the soll anless they berome devoured by ground grabs, they are geverally bighly approved of by that fatuly
as theoholvest of victuals. Robt. Fenn, Wood stock-- Tpon what privcille a Polato can be called a stook I am utterly at a loss to conceire. It may be sheer iznorance on my part, but piere of one tuber into sinother simple insertion of a
ts rharacter or change its eonstitution. In dnys gone
by, whin all sorts of nuspainge re ipes were proponded
for extinguishing the t'otho disease, oue was not only
simalarity to thio ilea of aralime lhe was to
sconp out ? manl! hole in the tuber $\pi$ in bems planted,
and in its grow th absorb from the taberall to ten taney
to disease. Of courzo whon nanted the lea crew, but hear that on ryy occasion the experimental cult evo was astounded by shelling out from the produce Potatos inslen l of green Pens. I may be told thet this incident is utterly be-ile the question at issue, but I think it is not, although the two vegetables mucathink it is not, although the two vegetables mea-
tionnd are so widely divargent in character:
should ust as soon should just as soou expeet, were I to scuop out
a hole in a crieket ball, and insert the aye of
"Potato, and then plant it, that is produce nould bo ment, carried out with Potato tubers only, can be ment, carried out with Potato tubers only, can be
productive of ehange. The faot is (and liere is productive of change. The frot is (and liere is crperiments), a Potato tubor is not-cannot but
 tocabuary that is mot a rootel or rontuna meditum be no ruthpiresth-10n of my meaning wu in I other tuborous cr bulbous roots in thas resuect that it las no capacity to emnt routs from lself im any way. murhre are resceptions. Ens. In this respocet
how or the Dabla, or such roote as the Parnnip, Carrot, or Turnip. It anyone were to sconp ont the head of a mouli be grafting in reality, av, in the efcut of growth all rost action must "one from the furner, and But how of sam nould be fhroun' it ato the latier may be said its tall comes out of its head; iustead ronte, a shoot is first emitted, and this futs ortur the rooklets that are has feeder consequenth here is no pessage or flow of sap through the the tube
hrect, and thus as a result the so-raisel stork cana hit is rative conncction with the graft or its praduee I peris during growth thin ornsinal sot continue- to
iniluence the huln. It some of thoqe cistlustatic
gentlemen who brve Gratulug mania wave deroted ther energ, experiment to to turidate
ihis idea, they may possiby parform for horticultural this idea, they may possibly perform for horticultural number of equal nized Potation of the same variets, and of growth, sever the conpection betwrea the old and nev:?
that are

 are formed at tho bare of the shoot and finm rents ont, its connection with the tuber ceasect Huruishes another proof that the practice of mafter Potatos, so-called, is just so muche Jrbour lust to wraftiag out thin sugkestion nay after all be productive of but will not be a rrop of monyrels, Alpx. Dern. The above remark are sumpentive of tr ftumg totether the young lenrable to suternat es of Polatusas it may he though hur correynondent to our ati the "slonk," we refer Roses. - "Inberis and,"
 century to beat. I nised to buy whels whll take half have got more prudent. I koow but ittle of the Ro-es of $1868-9$, but, as far as I caa read and lparn, not quite so famiar for analogy as is that of, Adrzence Christophle and Harie Sisley, and the H. P.'s

Charles Lee, Marquise de Montemart, Duke
burgh, Madame C'reston Min la ne dacquie burgh, Madame C'reston
Sonvenir de ${ }^{\text {Putemu. If }}$
ins list of new



## form, Lood habst, mesulicent

shaded fiery red and volet, often mutled wh
retuarkable var.ety." "Ferdnand dy Lessept
very wisorous, large full very vigorous, large, full, the form, purple
violet, very fine, I have boucht in dimen which I prefer to plants ready nan le, plants of th when Elaburgh and Charles Lee, wel, ewch. Wind of End's foreman told me C. Lee was very I shall buy Marquise de Mrnternart, Sont
Poitou, Mario Slsey, and Mons I. Verdier hope the "whistle" will lon cheap Made
Dureau is first-rate, and Reine du Mdi Dureau is first-rate, and Reine du Jidi h
b.oomnarg freely, Neither lilonama freely fore part of the cmas $W F^{\prime}$, Radclofe.
Deatroying Wasps' Nests - I it af succedi
in taking wases' nest and two bornets in taking wass' nest and two hornets'
chloraform, that I think it a pulblie duth
the information in your jnirial. Dr in his dear little bonk, adri-ea the corait the face nad bead with crape, and tying tha
 wait till two hours after darh, when pretty
 fated chlornforne matchas, a lantern, tom, and an wains prefer thamm arat's h le for brechoge
 nest by a sleader stick if Lusi my naved fir

stek with tow and culneoform mincerted the frath over, always served my purpose. Theo full tid obtained in five mimutes if the oneration is rell
formed, and tho nest may bo dug out, even bse with naked hands, and if porfect may bo plecedo

 horucts nests is a morn trm I lle undertaking wasp; he rowurs home il hrurs of the them three hours
 I woull that Ihat alr

maxicing the roper tion l ef ire tury athoph eavily, nt,
'lho nest
necessary to where a boart hat rome off and is where the bornets with snme riotha thremed in bred n\} self lad tow on this lo 1 zo, monrela quarter $0^{f}$ an chloroform on 1 t, nat
on either side of the nent, an lyathorted hornets - about 21 !

## Strairuteredately ournt on a lintrdr I of linnted

 net on which the liaht of a bull'h cy clantern Nastion and sorme wound atle on tlan hirn, and whet head and alowothel my man m'3s state that my man afterwar without my assistance, and with the ame my On examining what might pertaps $b$. vilir ithet containing about 1000 plup, I found also $b$ tweboards what I take to be the commenceine series: jt wha in an oval form on onc sule other- on the oval sulde
they Wra ver
at hest steht aphtrel altaran 1 celf, from tue er, ibth of the 1
Jown to the cis af the cmal
the progress from the egg to the pur he punse in the large nieras pupp. On ar or rather mastots, in differeut stig * and azes of itwcet a vers
parchment, sealed the c.ul nsect was strong cuoush io birst ton was thmot bole in 16 ; thots tre was dnencil al the cention bornet's pasaze in sund ontioued the

## onty for materia!

of the parts not wedserl the the cells sud toand on regularly markerl in deep sud hint fapta-colio cone, tatat une malat imagiue they had mork concert for artistic entinagiue were th inking of remoring it，when nine day this
spr 1 ，when the $\Gamma$ tnes wera in flower，we tonk a bunch of 31 useat of Alexandria（then in blown）and dashed it over the tuwers of the Ropal Vernoyard．It set per－
fectly．and the frut has been very fine many consider－ fectly，and the fruit has been very fine，miny consider－
iII．．．




 kinl I mil d narno other gardeners who hwe ferid

 ghe shriva leti withont showng any symptons of



 runlimeatary ovary always prasent in thess flowers，
and developing them into grolifio fruts，but et the cosi tion mooted by Miss Beoker be ankworet by
atbributing the change recorded to irregular dustr，his－ finn of miadireation of developing forte．hompever



 a the proleping force from ane sat of ortm－$t^{\prime \prime}$

 Ar ry inn＇s aseampeion－that the strematin or destrosed，say by line：in．of come insent tiving it as the nidue of its fent Tron，ascordion to this theory，the developing both male and female organa，bename courentrated on the male，and with such elfeet that it trans formond

 （No 10）presents two panicles of male flowers，every
branch of the larger of which is farmishod with one or
tarn fortith flomers；the smoller is the nemal form writhrint fertile flowers：the former was taken in Ju



 cumstanoes．In the papaw，this is accounted for by

 whach he takes exnemion
or the 1Ierentimn ani

 $-11$ -5 a solution 35

## ．

 ny＂A tee on Orchids，＂at Manchester is inst in in I have adopted with my own plants，with the vien o hepl 1 ug thems free from spot，for many years；but the only partores who shath wols，tir cuest in，has


 extenlim？now over many seare，I ame epally onnvincel that the diverse is not infeetnus：in place a plant as badty＂spotted＂as he can find， in the house with my own plantz，provided it be free from everything but＂spot＂，（I allude to
 ant miry，I must still hold to
Application of Hot－water Bystem to the Mana－
Pacture of Tes，The cudturation or tan in India has now been entereal into in ruzhl carnent，hara tracls of country brought under rultivatios，more oapeetally in the Assam and Himalagan dh－tricte．The munufacture has hat tho groateat care and attention tre exmatantry heing introdued．Witherine manhmes
 proseez，anl limprovel furnamas are mitentwas or anaplatios hot－qur and stozin apparatus for drying io．：

 learnt concerulng it Hawiz baun carle tom if it a






 of the fermpntatinn，and unt upon the fames of employ s besket which fts into their mana，
 fumes of oharoosl．Indeed，the mistan m in wh h
 lay has been prodimed othall it Provil 122 you
 thone，mblor hity ar tan may ber eftat，will natidat．
 an zmesfoture of tan，at all esento．it ho vans a mather of famnonty to introinem the most emonomanal matans of Eupplying artifival heat for tho fac litating the marna－ facture of the ingatherinz harvest nf ras prulunn Tea
 hoturel 1 －form leaginiz the cithe，as mall to reshllem necesaly artific＂al hent must ba emponfed，and by nll means let it be supplied in the mast cheanis，manizo－ shle，simple，and eronomimal manner on system of Joating can be emphoyed wheh th an wril meet thesc i－to mojifs the zpparatue，as as io vinpt it to is tea
 drying，the sap will be driven of rery rap dis from the
green leaves rossted at the higher teraperature，and ts a consequence less pans，but harder work，will be the consequence．The workmen must work f⿴囗⿱一一心
the higher at
temperature，or they wlll bura their leaveq on the other hand the low temperature of 100 for the
final dryin results in a simple que aton of spm
iPenty of ronm will lie required，for tha lrying wall
 In 1 from 1 ts to $17 t^{2}$ un tho fitinl dryine，aud the an！


 to datermine what thon mavisitmon arament ！i，
 the surface of any hot－wafer mane，and a con－
siderably meater amonnt if the pines ty of small







 Heys sle，tat the of the ith＇rat daneter，for imo






 ima ba taken lo jreas fars alleration or removal Thean amsall pipas wouli ba comnmind with the boaler and lad parallet in a bricik and chumam trough round the sides of the house，above thewe would be placed the tom for drying and above this agan，on opea

 Rogal International Show，Edinbatgh－l＇ermit me （1）corrent that liurass an wis，I ill ial lave hmen made on tha minds uf soitr r．udate lis the retnitk of
 the minhaps whols bedel fire Pises exabuted by Mr． （i Ward st the above whow and toxt ita silat I Was no uresent rit liba show，liat I did not exilibit any Panes， having naly serst Preara，an！that．monediately upoa to mefiz an intumation of a frize hwilaz bent to enrroct

 siva reee．Fed ati anplanatory lathar frotn the Seeretary








 the attacks of the pest ware foun io i on thase facts，and
 have often done，hava wondered where the eharms the malty in un laratandige that tje slinota of younig trees at 2 areat listan $n$ frimin any falsal logs were per－ amall tinitur wil somptimps suapmort the lersae，and lowe culnint be quite surp of tha sbaence of larger



 imnariataly I th nk I d stin 4 \％I I knew no
 bas Files burfowinz in its shoota ir from ang otber estion，and an likely in havit ihz haetins ovipisit
 if mortand death to thm trme thmothay sat bacide it，it
 quite unahle to ahacond with the riatos cheat until he fiss been there six neeks，the ordinary time required for rearine a bront Aztin in the se mand recommen－
dation noticed by A AL the tree attacked means atianked tas in ita bafk for ongmation，which 18
 in then in the bark of f（d）i tinter or dyang trees，to of the and deatroy wain foes on mpary，a accound tances，I pornted out tho anctliciency of even this in any resion where Pines are abundant unless amried out over a larac apes Iinlike＂A M．＂I have teen s 400 i manv larice Pine itita aprarently filled by this hentle otiph－itine in theri．I syy apparently，becauso




 tid ro atian livin：1rew．for ur，inn the ir andeoss




papille of resin around the entries of their burrow, emerged abundantly, the tree being quite dead next geason. M. D.
Boilers- - Your space has been a good deal occupied With the question of hothouso boilers and stoves for the generation of steam, a question of no small importance
to the nurseryman. Adweller io town, I have not raut
right to ask you to let me obtrude my viers into the right to ask you to let me obtrude my views into the
disoussion, but I should like to noint out how I belveve more economy might be obtained than has yet occurre to thown profeasonals moncerned in this question, and
what rueaus I should take tonbtain the greatest amount What reaus I should take to obtain the greatest amount
of heating power with the smallest cost. From a commercial point of view I should ask, if somethine might not be done to ntilise the waste steam genernied in the
kitohen of the nurversman? I believe a great deal might be accomplinhel in this direction, and which would at the same time tend to economise the domestic arrangements of his howsehnold. In my kitchen I have a generating any quantoty of steam, This stove, the maven-

 pose this steam is only required for a few hours, and then comes the time when it might at a very not be difficult tresed to the hothouse, and it would rreater part of a long night at any time it may be required. In this way the arr of the dwelling-house would also be rendered more healthy and constantly warm. The stove ofters a very economical and supeby using hot-arr, which, while it in nowise deprives the meat of its juices, retains the greatest amount of phosof the in beath animar and vegetable food. Ignorance of the mrat maport cance of the cooking, constitutes one ro-pect of food, and the bad uses which our working Preking Fruit for Transmission Abroad.- Your correppondent, Mis. John hirby (p. Infu), may possibly I lived at Stanton Lacey, near Lal flow, 30 years ago, in defaut of ₹ proper frait room I used to adopt the
following lan, vi, collect snmo ripe Fern, allow it to become thornumhly dry, ctrip off the fronds from the
stalks, and place each fruit singly in a liandful of these stalks, and place each fruit sindy in a handful of these
leaves, packinz them aray in hampers, boxes or any caves, packinz then away in hampers, boxes or any
other conenient recentacle Those fru.ts which may become rotten, will not easily contaminate their nemph-
bours; and a surprising quantity can thus be slorgi away in a emall space, by allowity oue hamper to stand upon the top of another, and so on. I should continue but there is a diffoculty here in procuripr the Fern,
Let me advise your correspondent not to use "chopped

 Fitsht of Grenflies and Lady-birds. - In the With innumeride greentles, and slight obsprvation icd mo to conswer themata nenenemp. They hat larga learned that the same kiad of aphis appeared about tho Rame tume 1 nerarious parts in this quarter, as Bury St. somewhat like those of their family which attack Plum trees, except their mealy powiler that resists water
In my haste to deutroy the green pente I rearet not havinu presersid sume of them, so that their history might be hetter hnown, Jut I trust others hase done they were easily ma-ded iomuthey wero as sonn up arkeir ascent. Afterward, I shook them into water-tha-pots amongt greasy lime-water, and destrosed
the ground with a pade Mepeation the cropa were dostroyed, for the ioverts bad surked
the puice from tho tender tnys, whath ooo withered
in the hot sunshone I have satd that the aphudes came suddenly, meaning that they were not bred near
or upon the plants, on which they alight like others of
the lamily. Besides, the insects semed to digep
 birds can keep them down. I mention this because the
latter inserts mere so abundant this season that some wera led to conc, der that they followed tha greenflies
 in twos and threes, ar company with wasps, where ne common fly would dire venture. Perthaps their shellcalled also Lady-corr. The Linnaan name is Coccinella septempunctnta. By the children in Norfolk it at all seasons, aud rarly in may be seen nearly glimpse of sunshive, when other insects are torpid, or Inclosed in chrysalds The above mas mritten before "clence Fossin" "Ie mentions that no July "f of Hunstanton, passod throurensell, of Iann, siling of dead hadyin feet broad, and extending for 2 or 3 miles.; The same writer also notcees 3ric Cordear 2 or's 3 miles." The
the same day above referred to, about 13 miles from rous belts of water, from a few yards to some hundreds in breadth, and extending both to port and starboard as far as the eye could reach, so full of myriads of green winged aphides to present a thicis pea-soup-like appearance. It is rather remarikable for the insecta same day; they were noticed in Norwich on the 23d or previous day. J. Wighton, Cossey Park.
Cockchafers.- I herewth send you some grubs Which have been a source of great aunoyance to me during the preeent season. Atout the middle of June they attarked a bed of dwarf Roses, enting the roots to such an extent that the leaves soon became yollow. time, but never fairly routed them, and I have this day taken up some of the plants which have not sulficoent roots left to keep tham alive, tho fibrous ones being all gone, and the larger ones have the bark for aetting rid of them without transplantug the summer. T. $1 .$, Octoher 6 . [The yrubs sent with th the coekchafer - Melolontha rulgaris. Thoy must ettacked the rootlets of the Roses. We know of no application which would drive them away from the roots, but they might be attracted from them by burying slices of Turnips or Potatos about the roots, which not be examined once week. Cockchaiers would the rooks were not so unmercifuliy shot.
Fellow Bedding Pansies.-Of late years the Calceolaria has proved very uncertain in many localities, and The yellow-leaved Pelargoniums get for a substitute come to the rescue, the golden Pyrethrum has also proved very useful, but, although these give us colour through the folaze, a plant with yellow flowers is more atractive and more appreciated. Duriag a late tour in Iorkshire and Nottiaghamshire I saw the yellow Pansy used with very good eflect; indeed it has quite blishments which I visited. At Sandbeck, the seat of the Earl of Starborougls, about 6000 plants of it are in This Pansy is certainly one of the hect-formed grown bediling varietios I havo seen The flower is stiff and well-formed, with a nest eye, thich makes it addr thonally attractive, and it is moreover a very free
bloomer. I have forwarded you a few flowers so that youmer. I have forwarded you a few flowers so that variety, which is so extensively used at Thoreshy, Where it graces the matchless panel borders in the
kitchen garden. But for profusion of blessoms the kind in use at Rufford, the residence of Captain Saville, carries off the palm; it is called the Pride of Rufford, and I can assure your zeaders it was
with joy that I beheld it. It is usert in
 unlas
latea is
prown. luat chouath of selly used, and ts here well nothung like a true blue, and here it is to be found in a blue seodling Pansy with a velvety texture and a dark to be quite an acquisttion amongat bedding promises cannot conclude these few remarks without referring to the ribbon border ( 112 feet long) which I saw at fuily arranged, and kept as oven as though it had been lst row Cerastium, od Lohela speciosa, 3d Pelargonitam Harry Hieover, fth Yellow Pansy, sth PelarPerill Brillant, fith Centarrea candidisaima, th Stella, 10th Zelinda IJahlia, 11th mixed Dablias. I also sswr some grand beds of Verbena venosa, but not a sincle Calceolaria was visuble in the principal flower garden. Edimard Bennett, Osberton, Horksop. [Seo
note at p. 1022 Fosel
A Monster Potato.-During my recent viait to ScotA Monster Potato.-During my recent viant to Scot-
land on the occasion of the International Fruit Show
in F linburgh, I called at Innoikeir, the seat of Captan Oswald, near K Kirkaldy, Fifeshire. Mo
Dewar, the gardener there, showed mes "pot Yotato
he had growiap in a cosy corner, the tuber of which he



Which whon I Baw it (Septernber 10) measured 7 foet in height and 21 feet in circumforence. Ithint this sometring nut of the romimon in Potato culture. What the produre of thi- enormous top may be remanas yet to weight of tubers . Dewar promised to let me know the stives to the readers of the Ger, wher' Chigh be inter any of your correspondents ever seen a Potato plant Krown to such gigantic dimensions? George Grieve
Wollingtonis glgenten-The following is a descrion tion of a fine specimen which is under my charge, and sent out. The plant in question frat batch that was Messrs. Rollissor, and wasson want purchased from wring of 1859 , in unprepared ground, the saboil being bery stronk clay. The height when planted was height, ${ }^{9} 7$ feet; circumference of bole, I foot from the circumferenco 10 inches; citto at 3 feet, 3 feet 6 inches
the extremes of temperature that we hare in during the last few years without any chock wout House, Epsom
The Weather on the West Coast of scotho warther, which had been exreedingly din, suddenly on Sept. oth to be very wet. Sincas amount
very unstead 3 , and fell to 2 git ar barometh had 1.39 inch of rain in 16 hours, strong gale, which suddenly changed the of many beds in the flowor carden, and someoter
in the borders. Stull we consratulated in the borders. Stull we congratulated oumber we (on the banks of the salt-water Clydej
sa others woro, who suffered from parched up for months, and were visted mb or Lady-bred, as in the south-ezat and nidianitan (p. 915 ). We began plantin, out Culipolarigas Pa Wo bad arila, Amaranthus, and coleus oblhot thermomoter inilicates on after tho Calow Penums were beddel out, without beng hams are struck in tho and August and sent in a tho nen bontliat That they are strong and harly when mher We for many years put in cuttioga of Calceohnar me in cold pits ; they are kept there throughtionver ut. The raonthly fall of rain hero durinct for ${ }^{2}$ ven ras - May, 0.6 inch; Junc, $2-1$ inchers int than the average foll
plants so pay berar lowered very
buadant and profusely. Vejetables pheve Laxton's Prolific and Pruetaber and plents dbou England did well in summer, but has fivikar." he 10th. also pienty of Kulacy ljeins and Calihat Holishocks and ciladiolus were fioe, bul and dry sunny weather, are now covered with ha Iowers, and
lelotropes, and igeratue ebing tho men; buse he more hardy plants that have stood the wet ellue Pentstemons, and a dwarf scarlet seedligg Claw The Ithe way of Iang's inblssulor, but which standitte yed better. The latter cont.atted in forer our
ast winter after the new year. $J$. McIntoth Tovorrd, sept
Our Truit Failare and its Lebsons.- Thers call far no doubt of the seagnu of 1 ath being rell sind ser remembered. Afar tho hos weas an of 183, so que adapted for the full rapermms the wood of all frus trae
 lopes were enterterned and jnv expatimoded smol Smflunz lopet athl

it will prove a servereable mue, by in lueng all to calculate therr resources shonl 1 another su a and
be experionred bs them. So many nlans hare a tried, and all having failed, one and all are broaztice the same inguiry- Which is the most afficien
of our obtaining superior stone fruit in all Mr. Fish has done well to call attention to th as it requires the immadiate attention
Hitherto, whilst ordinary mean of
secured in many places an albundant
others the resuls have not alwiys been so
This has given rise to the more extenife we ooverings their superior advantar
suocosenl career of plass coverings for many yem institled in the minds of many the idea of ther of resistanes is limited, and this year's "shows that sometimes, and under extrandis a Mr. Fish is conrtminied to admit by the almost ind mous testumnny of thas y ear's failure. But to phai argument so far stands good. But what of the fit $n$ We hare an unheated Peach-house here, coveren top lights onen for vent of these lights, ass well along the front. This house is fan on pots are wails, running worth and south sod at each perceved thia house is reatly cheltered fom ast or west gales. Notwithotanding ahe in coured only three dozen fruits, Peaches and 1 , from this house. The trees are very healthy, however, did fully expand. They dery few water, neither were they gaturated with wet. Buile the hua damp, dark, and biter weather lappor rate with thase on trees left the bloom equal. Fith Spruce boughs, and their restu.ts are about maniain, therefore, that to enoure the crops we siping to defy the ingrens of sumfinter beep the enclosed air constantly in notio ight are all that can be wished for : but ouse almost identical in desion to the but the wall being 18 fet or desiga the lean
t 5 feet by upright sashes, whioh are within 1 foot
e around, and the width of base of the house beiag
In this house last year I saw excellent Peaches
In this house last year isawe excellent peaclies .ll outhes each I learn, howeser, this houre I
-lirel, an l has therefore falled. The nortable 1n-ured, an 1 has therefore failed. The nortable
ens desi:ned by Mr. Beard, together with the wode
lazing, will doubtless be considered by many os for lajins, will doubtless be considered by many as far
eratie fer protectors to the ordtnary metiods in of netting, \&c, but until they are supplied portable heating apparatus they will over be
to suceunib when under excessive pressare. foverthillews, even with the knorledge of this lashality
apy will be found to use them But surels, in the hay w. ll be found to use them But surels, in the Whe crop loat in one season would defray all expenses it their insurance, independent of relieving the apxiety
mind experienced by gardeners during suoh inale-
and Potting Inliums - We cannot atiac
Lue to all communications bearing upon actual hotice and observation which appear in these pages
ence the authoritative tone of deaial given by a remark made by your able oorraspondent "J, D.;

 him he had chosen to oppose. I am prepared,
owover, to endrse most emphatucally the advice
wen hy the latter, and indeed so malpably contirmed "ven hy the latter, and indeed so malpably contirmed fint not to pot at all is better than to disturb the roots
uf any period. This is a well-known fact, and shows in detrinental it must be to wound the roots at the penvent of their rest period, If at all, why not just
menoviously to their natural swelling and root-makiag, dbout the last week in January? As a purchaser and wirme" "hat the very act of tak man these buibs up in their ative habitat at the advent of their resting period, d thereby . nuluring the roots, aud the process or transhe ounands have been lost in this country from no other arreces, and the road thereto, and tho
and
and
mive their bubs arould do as he does. Wh. Floral Com-andtee.- Our forefathers prided themselves on bearing coy had been justly condemned; and at the present ras fanlts, and admats that his punslunent is what ho so muences whthont murmbiring; the oll| hall the ere only abyes- Thes a hrowlelze that fles adint nith tel
 attended only whan their own particular fancy
were in emanon, and their superior jadganent
not ailowed to be expressed except in the case of Sir antazonıts' produee, what, I ask, was likely to be maceted walh various societies for many years, and I and it a alsas the rule that when those in off.re do duce rure being taken to put, if possible, the right man Tak, be of the same nimion as the Counch, namely, dry year. in foct, thas is the wryy heo of all societies linve been held at Kensington, and if any
has bad reason to be dissatisiod with the pissons, I blieve I have, but I hold on, and hope
"cliute" "hich "D, Denl," refers to has been kes un. He sass: "I am oue of the earliest members
he coromittee, and after, I think, two or three years office, the annual displacernent and clection of mimbers took place (these proceedings were nothing解 apped to name three, which we did: "Whereupon ppened to fall upon himself. Iefore this I suppose
clique "exsted, but as soon as his discharke was
cived the "clique" be cese are his own words. "What was my surprise
 ect; whir thes retay my name ond ont it in to the Ind and intluential irieud olfered to do so thas year. I am sorry to have to une the term, because
disgrace to the memmbers of any honournble
I earnestly hope the Council will continue to hese annual changes, and ontroot some of these prent.ce-ships, and almost cisim a settiement on is
punds, and wat they will choose jounger members, "ly able perbaps to serve the Society and the publia is brought into use too frequently for the health
 mutr in tos sith the Society " Have you any conceupies such a position that every iover of horti-
ure ounht to pride hmself on upholding it. I do not oce for rne moment that the society is perfection,
it certanly is not without its enemies, but I hope Councll will be wise, and return "good for evil."
the next general meeting I will propose that
" D)., Deal," and all others who rall aganst the Society
and
at the same time boast of the inatials F.R.II.S. shall uve a place on the Council, and we may ranish, and the missed "qrand opportunty" will be more than right that the Cominc, hlould hold utsels perfectly independent of any partulal per,odical, or exten
all of then if necessary Truth and, ustice are sure to find ther proper level. I sincerely trust tuat all nurnals that make gardening there chief object may hare an Matromage and information. Hear, hear IT. Cannell, F.R.I.S, outcuch.-I Io not like of last week ( p 10 nt ), sigmed "D), Denl." The publio is I think, about as likely to take the writer's gdvice not to belong to the tociets, as young gentefrom about tho marry are to be jouruced stato by that joker "Pusch." from. Dat") speasks of the clique within, but says nothing of the olique without! It is unjust to speak of the Foral Committoe, as a body, as cique, although
 elmmated, lint of the whase wathout, It 14 well
 over has mussued a line of conduet in itiedf umjusi, and
intended to lessen the influence of the socielsy. The sociended to lessen the intuence of the sociely, Ithe suderation to thig clique, instead of pursuing a more decided course. But neither a Society nor an indscnoush for all ordinary pody, though each may pase and right. To demart from thes rule lars a Society, no leas than an individual, onen to the charge of being influoncod by fear, or yielding to pressure, and to say the least of it invites aggrestion. I know nothing of committee : but the rule of the Socletr is to remove three members annually, and the mentiers remoted are those who have attended the fewest limes, is it its Tuesday meetings have been above the average in importanen during thre present Fear, and the last meeting ( (Oct. is) was perhapps the fullest and grandes hows rather a laree share of vanity in parading his knowledgo of forists' flowers, and his being known in the foricultural world. Jiven granting these clams, something more than these 15 re, glured to fit a man to pass fudement on others doings, sust as a homlerlene the the fega or























 1 think wo bave ranano tul bo sitingeid witl. the actual resulta,





 Welth 1 bultoek with A slane if hita cye, an 1 reichon up tho












 Council of the Soclety wonld ke innoffo to truat to tho chance of nuother falluro next year by going to Oxfond anul there play
the pat of tho ponny peepshow to the Grand Tame Beas

 of hil ing a gran! whaw in the lice regal reetriph has intigg




 their proms ters, "Will they pay and if they don not they







 productinns pecular to tho meveral localitioa, so that schedules
 there is Du lack of intelleet in the ranks of luartientthre, and with the experience of prectong years to gride
its managerd, there is no doulit but that fit wo nlil mate
 gocletien of England tnd Jrelnad shonld unite fire the Fippose


 canses are operating that may achtese that purfiase, and a few
yeara lence miy bee not only agrluit ree unt borticriture more progreasive in 1 relan $k$ than now, so woild it bo well, ar
f.ur as exhibitiona can, to aid in that progregsion, and sesiato
 dootors Hould

But how about Maréchal Niel or Gloire de Dijion? Could Yenus have had the jaundioe? The thouyh t18
too dreadrui. It must hare been jealous Juno in one of her wrathrul modis, who gave oripin to tha yeliow Rose; or mas th, गinerva, stiveliod oder withe the role Cail of dhourgh, and ineave meautsmo cormnend His book to genoral attention. It is not at ail neces sary that the reader should be a rosurtan ouppre-
ciate this volume; should he bo one he will like itial the mores; phould he be contemplativig entering the ranks of the foral gy yarites, he will, from a bedy or Mr. Hote's pages learra how to do it and
how not to do it $;$-how, When, and where the Rose shoold bo plantod, and buadded, sad pruped, what it


 Hrom this pointao vior and dhe emo reark appliee

 Whare parkling wines are espred with evory diah, and Where entrées of swoetmeats and orackers arg handed
round between esch oourse. Such diet it
likell to engender 3 it of indigestion, and the reader of Mr. Hole's pnges is likely to throw down the book after a short time-assuradly, however, to take it up agsin atior no long interval. In the monthly instal-mients in which it mas irsti issoded through the paras or the "Gardoner," "this mantal iodipeation was nouthil,
as the conditions of the publication provided whole" some seasons of reat between the couras, But the Ioserian-he who has rranuated and gono out in hoocesity for him to proure the yolume, were it necassiny in the dullest, prosieset vein that everes siokened ar eader, for it it is the proctur thon of a man "ho bonsty or thirty "all England" oaps, whose Roses are a amass lion's sharg in originating the first Rose Show pur $a t$ simple, whosese asisitance as judfe or amicuss curice is , ought to hase something to eay morth heaning to those who love the Roses," And ha hays said it Hit Having written so much, we may well conollade our notiog by
bidding our $r$ readers " go and hear ;" in other words, bidding our readors "go and hatr;" "in other Wordd,
read the book, not forgatting the tro sppendices, which are about the nost weemlil ohapters in the volume.

## Forists' Flowers.

IT Was stated not lone since, in one of the monthly gardening publications, that "the day for named Polyantiuses has passed away." To that remark
exception was taken by one of those fine old amateur caltivators of the Auriculs and Polyanthus who halped to make the annels of floriculture illuatrious 20 years ago, and who still lives to link that renowned past with the less glorious (in a certain sense) but not admat this, as I cannot eeo why it shoul
than with the Pink, the Aurscula, or any other llorists tlowers. 'Types of these may be and are raised from seed, and if saperior in any point to the original are deserving of name. But these types are the result of
self-fertilisation: and if florists would only take the Poiyanthas sto ; their especcal care, as is the case with
thie Aurceula, the effert of rareful crows ng would soon be manifest by the appearance of different and improved Farieties. For exampla, take Bucla'g
Georne It, give it the tube of Tantarara, and the
refinement of saunders' Cheshure Fatourte, and you refinement of saunders' Cheshire Fasourte, and you tions." Alas! that's the floricultural rub. With
Fueful face snd sinking heart the deaponding florist
 mocking Fcho replien "Where?" Probably from
no single srower for sale oan a set or any
of the named Polyanthusea thas figured at ex
hibitions and hib
NTotites of Boots.
A Book abowt Rosea: How to Oron and Show thon.
Byo. Reynolds Hole. Blackevood \& Sons. Square
8vo, pp. 2t.
If there be still on this earth a himen decoendant of the the Rose. Other flowers are as beautiful; some, life the Lily, are as chaste; the Camellia more nearly priaing; many plants exhtbit grander foliage or greater tange of colour in their flowers; but, taken for all in sll, and ooloor-a more refined perfume, a more fitting association uf luaf and Hower, thal any other plant, and hence it has long held, and long will hold, undisputed sway as regina forman-the queen of fowers. Volnmes harn hmm written, replete with lore and
legends, cons ernims tha $h$ turs apd origin of the Rose Poets major and phel- zminor, in all ages and in all tongues, have livnmect her praises; and yet more theme, and as the won Roses ${ }^{0}$ make their appearance "new poets", mint invent new "conceits" to to read that the rosy fint is due to transfusion, as

[^37]very popular with mavy. it is one of thase charmin spring-flowering plants no lover of fowers would
popular, and it deserves to be well resandir OCTL B valued more as a decorative plant for tho the thorist's deal of perfertion the morem om the hey esteemed; and this is proper, for it s cueured
achisevemouts of Horculture that the has can attann to beromes gradis.tly t index of the popular taste, Hnough, outcome of approximate per
As frer as the London distrio
improvement of the Polyanthus
almost wholly in the hands of Mr.
Cottage, Isleworth
similariy engaged, but the type
ideal than than advance nearer to wand
that Mr. Turner has a lot of fine thin
which something will no doubt be
There is an arbitrariness about t
tatongs. In the improvement of most
vartation of colour is held to be a desil
points boing in a properly adjusted
It is laid down that the contre of
Polyanthus Polyanthus shall he yellow, the edge the
oolour exactly as the centre, and the rioh dark crimson. This appenrs and soman raisars, oraving for novalty, han we should not have scarlet as well as crim and the bright and brilliant intern white edges; and so with black aud gold, or even blue and silver, black
But the answer has come back, disticot tory :- "That the eye and lacing should b shade of yellow is a property not to ba the vagaries of any motitled or spotted novelty ${ }^{32}$ ensued. Strange as it my apperi-but it is nevertheless true-m flower should die well." perhaps is illustrated conten'ptible Rasen in "Gossim of the Gy Jir Resed, dte. follows:--" " have this season had ooulder real practical knowledge of the framera of in tivo 日eedian Polyanthuses, the one nom the of their existence. In its dealing, one part the other, the eye of wurch ass.umed a deppertio pionts seemed to drain the colunt from the hacie their existence all comparison cessed,
struck with the force of jerhaps simila to that which zuide I the framers of the code dild lie
 (of any pretencions

## drained with

is very essential, as it is often found that the fing watering of the seed pan for the lengia lation of moss on the suriace baroug will not penetrate. After flling the

## until the molsture is parceived

cover the surface
Moss, over this plac
pan under a wall or in the shade, but so frame. Ifere it can remain, and wall ratuat
 air, and finally removed aitorether mould 10 about equal proportıons.
are large enough to handle, they can into boxes, or to an intermediato beat
can bo given, placing the plants jrett When sufficiently established, the ue Here an imppotant consideration pres temporary shade, wherc they will mot onll here cun, is the aspeet nost favouralule ivt che fat will grow good Wheat, well sweetened br Frost, sun, and air, or good turfy loane wh one-third of either fwo-year-old wall horse-dune, well sweetened by exposan, ald ther. grow the Yolzantaus healthily and wel opininn of obe of twe furemont an
the Polyanthis in the prement day
 (whach ought to have ats roots washed to see that they aro all healthy the form of a cone. Spread on

horticulture, and his experiments in hybridisation and grafting are among the most ouriouss. Dr. Miclear,
in the matter of Peas, may be said to have been the In the raatter of Peag, $m$, $m$,
precursor of Mr. Laxton.

## Miscellaneous.

Alternation of Function in Palms. - Ifrst ascortained its existenso when at San Carlos del Rio Nearo, near the debouchare of the Casiquiarie, in this way In covered with plants of a delicate Palm, a spocies of Geonoma, growing about 10 feet high. The plants were all females, and bore young fruite. On revisiting the
spot in the same moonth of the following year, I sam, spot in the same raonth of the following year. I suw,
to my astonishment, the very same plants all bearing male flowers alone! 'But the mystery disappeared when, male fxamernation, i made out that male and female spadices must have alterratted aill the way up the stem. After wards I found that the samo or a similar alternation of function existed in many other Palus, and that plants exercising (yro temb,) the male function stood
rarely far npart from others exercisiog the fennale
 that
$\delta \mathrm{in}$ Geonoms discolor and other speoies.
in G. paniculigera, chelidonura, \&
in Haximilinar regia and some other Palms. It is quite possible that extended observation mirht disolose the existence of all these modes of alternation in one and the same species; and I suppose that they
must all be regarded as intermediate steps towards that complete dioicity which many species of P'alms have already attained. It is easy to conceive how this change of function may operate as a kind of repose to the plant, whose energies will be less severely taxed whon burden of maturing the fruit. In species that have (apparently) become permanently diocous it iscurious to note how the female flowers still stand singly, the male fowers in pairs, on their respective spautces and
stems, the mivsing flowers of tio opposite sex being sometimes inulicated by scars or by empty bracteoles, In Lepidocnryum the fintrers are distiohous on the ramuli of the spadices, solitary in their receptacles on obvious that the snecitic characters that have been fovious that the specitic characters that have been
drawn from the flowerg standing by ones, twos, or drawn from the fowers standing or on their receptacles, are absolutely null for they merely indicate sexual conditions, not specific dufereuces, Journal of the Liniein Society.

## craryen Operations. <br> <br> (For the ensuing week.)

 <br> <br> (For the ensuing week.)}
## PLANT HOUBES.

Wrage economy of space in glass struotures has to be studied-and there are fow placen where such is not fortunatn enoush to have umder ther charce a tatk-
 specimens of out-door follare plants, or bedding stuff in
genera, fo do thaz it will be necessary to remove abe plants whetis were formery grown in them, and to convert thestruature for a time into a cool house great sacritica nacd be made to carry out this arrankement. The Ficforus Lily will do equally well, if not botter, by being pianted out each spring and treated as plants, if taken up and potted, will stand the winter wointiy contais are simpley stored in pans whioh constantly contain water. There are lew, if sny, forms of tricture that are better sdapted for storing awsy large pipeimen plants that have made a goom stimmars grawtil than these. It is we. I known liow greatig fine specimen plants enhance the effect Juring the summer in comparison w.th atinh as are turned out smail, and which require the whole sesson for growth before thetr charteteristic form and beanty are seen Phe amotint of both heat ani mojstire shoult now ho induse the young growths of the current season's formation to ripeta or hariden off morn readily Cetias as near to the siavs as possible, as this
Fill conduce to a more sturdy and dwarfer Rrowth.
In thas condition they are beter adapted for dinner a the condition they are better adapted for dinner-
ande and similar decorative purposes, than when the ucticias should now hate all the light and air poasible, at the preper seneon. It noll now be neceesery charanthemums into two or mor lots, viz, the carly-1lowering sertinn, and those whucl bloom ater. 'The former of these are alrea lys showng blonm, some of whicu may therefore lavo therr pot Well Fashed, and ba surfaceil with some rich material,
afterwards ylaciar them in a greentouse or conservaafterwards placiae them in a greenhouse or conserva-
tory. If it is desirable to continue the display of these tory. If it is desirable to continue the display of these
flowers as lone as posstble, tho later ones may be placed under some sort of temporary protection nerr to a north wall, or other similar place, whicli witl materially Keep them back. Encourage all antumn-flowerng Pelargonimms, such as Sidonis, Madeline, $d$, with the aid of a little weak manure-water and a slicht smount of heat; they will then come into blonm, and proferery potted bulbs into heat, where there is an eariy demand for such plants. If they have already rooted moderately freely they will soon make a start.

Should the. folisge over bunches of late Grapes be
somewhat. This will admat both light and air more onger in adem, and conduce to their keeping the longer in a fresh state. $\begin{aligned} & \text { continuation of the present fine weather to atford air }\end{aligned}$ freely, then, whilst it wili nct cause toughness, will imbue the skins with $\Omega$ moro enduring tissue, and tend greatly to aid them in regard to keepug well. Moro
and more circumspeotion will bo needed in regard to the root-watoring of $p_{\text {i }}$ nes gencralls. I lean to the belief, that those plants whuch receive tho least amount of actual wateringe at the root, provided a moderate amount of moisture can be assured, will be found to bave by far the healthiest roots in the early spring,
and be in a far better stato to undergo the summer campaign than othcrs, which, having been kent over molst, have lost their roots through decay. Be careful at this period not to afford an excess of atmospheric moisturo to those Pines which are swelling their frutts; as this invariably tends to creato an enlarged orown, often very disproportionate to the size of the fruit
beneath it. Those whon persist to the list in keeping frame Cwewnbers in bearing must contunue to mantan 1 goodly warmth with the aid of heated linins: Gave hetumes 10 the morning
the air as dry as possible in all Peach and Nectarine housea, the itghts upon which have not been removed houses from which the lights havo been removed for a time, the liglits had better be replaced and be treated in ike manner, and for the same purpose. the sooner collect their energies for the ensung season's work. HARDY FLOWER GARDEs.
The several varieties of flowering plants which have been potted and placed under the shade of a north wall, and which are intended to flower in-doors, such as Intermediate Stocks, late Asters, Salrias, Ageratums,
Tree Carnations and $/$ Zoletr, \& brought forward and placed factnrs a south wall, or in any simular warm position. Here they w.ll perfect their bloom-buts, and become establisher preiminary to flowering. In taking up and potting the tenderer
sorts of bedding Pelargonutims, surh as the tricoloured varieties, ha rareful not to cowd them together too mucli, pottong them a pots, in amixture of san ly loam and leaf mould. The maller the pots are the better, and a little heat ohoula tions. I may state en passen/ that some of the larzer leavea should in all cases be removed, and that then ront.
should be neatly shortened before potting. A dry should be neatly ghortened before porting. A dry Alstrcemerices should now be planter in a marm, sunay border : from 6 to 7 anches will be ample depth for them. Immediately the frost has cut down Dahlias, Marvel of Peru, \&cc, take the roots up, and expose them in an open, dry sbed to dry before storing them
away for the winter. Divide and transplant Irises at the earliest opportunity They abounding in tiaturs. mastlure


## flardy fruit fableey

Is soon to tha lesves upon Prub or Sirelirion freere Fill part at all easily from thowe again
of the ripert be cautinasly wipal off with a new sof besom, this will all the whole in ripenins off more freely, and afford an opportunity to lunsen the tress he the ense wero they permittel to take thetr chanec.

## KITCHES

'I'ranaplant anecesaromal butches of the yomen creal-
 nit in the early apring for a turat sujply They urow
tirmer, and are mpabie of withstanding frost better firmier, and are mpabie of withstand.rig frost better
when tran-planted at this season into good firm soif Then trin-planted at the season into hoot firm sow doing on dig firat well under it with a fork, and remove it rarcfally, so that none of the ronts aro
broken. This is $\pi$ grent dratsha thay lone their matour, if not their flatour, in cooning whera any wonada exiat The mun quariaty ahonal groun'], as they muntant then frewhness much longer
when ctored away in thas manmer than when freer access of air is permutted arsun 1 them. W. F.
TOWN GARDENING.
ming Carnations, Intermediale Stocks, Pyrelhomms,
and Double Rocketat that wers pottod off to thand the and Double Rockela that werc potted off to thand the They can be readily protected from bad weather. Iet the pots be ant rloce tngether, and he rassed up so that
 nater, remembering at all times that
weather w wet or frosty they shome be weather la wet or frosty they should be covered over with the slasses. When the frost is rery severe, an extra covering should be placed over the glass, but when the weather is dry and muld let the platuts have at all times as much air as possible. That nuiversal delights in s dart dellar or outhouse. Any person possessinu such a place in a town can oultivate it with as much surcess as if in the comptry. Hence a fow positions will not be out of place here Prob slach once some short horae-dung and sume droppings collittle road sand so much the better. This should be placed in a heap and turned over onos week for three weeks, which will allow the rank hest to pass off, ani ieprive it of its noxious qualities. It can then be
about 12 inches in thickness beaten do then be put in to enable the grower to internal hant. Is this trial stare geta too spawn ; and it should be replaced and 0 can be purelased at any seed shon; thit broken into itimps liavo a thready appoaracos like Mushrooms. In spawning tho bed the juced about 1 incli deep, i inches apant
should then bo gently beaten down agin few days tho trial stick does not indicata the temperaturo, cover the bna at orm Togetser by oliance the heat should rise, pluare in and leave the hole open for the heat to delay soiling a few days. I coverng of lit BTATE OP THE WAATHELB AT OHISWIOI,

 DTATE OP THE WRATHER AT CHIswai,







 Trifoumm macranatum


To Seedsmen and Others,
$\Gamma 0$ BE SOLD on Commission 200 bubhels of GREY


The agxicultural Gazette.

(OCDA Y, OCFOBER 16, 1869

meetings for the rasuing meek

Thrs, apon the whole, has been a pretty fair season for green crops. Turnips, Mangels, Swedes, as a rule, look well ; most of them are uncommonly late; nearly all have more top than rusual. Many green crops also manifeat an unusual tendency to run to seed; this has been especially the case with Sugar-Beet. This crop stood the roasting of last summer, but the sudden and frequent alternations of temperature this season seem to have made probably 10 per cent. of it ran. This will probably affeot the sugarmaker more than the farmer, but however this may be, some means will have to be adopted to check this evil. Probably late sowing, deep culture, and a careful selection of seed, will be the likeliest preventive measures.

The middle of April is time enough to sow the crop. Erery day the seed is put in belore the
10th increases the nink of ramaways The Lsvenham arops this year have been sown from the end of March to the end of April, and with the exception of one crop, which we believe was put in in May, they are all run more or less, and most of them in almost equal proportion, This to make it profitable, so that the cultivator must try to choose a medium time for sowing as the likeliest to avoid running, while secuniug a maximum weight of roots.
Deep culture, by providing a well-filled cellar all around and beneath the routa for them to draw npon during drought, mast likewise prove useful as a waons of proventing "bolting. ar and starving to-morrow- 19 one of the eurest means of sending them into seed, and such irregularities are much more common on shallow than on deep tilths.

But probably the surest remedy against bolting consists in a careful selection and storage o the seed pown. It is, however, a singular frot that the seed of last year and of this is the same it is a year older, and that is all! We can hardly suppose that another 12 months having passed orer the seed, could develop the greater energy mel that the older the Oucumber and Melon aeed the more froely the plants would bear fruit. If so, old seed of other plants, such as Beet, might readily manifest the same peculiarity. Have our readers observed any mnusurl tendency to run away in old Mangel seed? We hope some of them may record their experienco on this head, as the point is important. Sugar-feat from forming possibly manifest this seedward tendency, if such oxists in plants raiaed from old seed, in an exaggeratod form. Another season or two's experience will set this matter at rest. MLost of careful selection of their best roots; and nest year's produce will bo the offspring, not only of new seed, but of that grown under their own eyes and garnered by their own hands. It cannot be denied that, although this season common
an unusual elongation of top and tendency to bolt, yet the Sugar-Beet has done so much mare than others. The fault, therefore, mast either be in the seed, the skies, or the constitution of the plant. It would be folly, as well as directly opposed to many years' erpewhilo either the changeable weather or the age or qualits of tho seod might account for it. The reatiner alone has been onough to mako any susceptible crop tale a wrong turn. Biting frosts and burning hnats, delugingz of cold rain succoeded by the mont withering droughts, hare succeoded each other in rapid suecession, luke the combinations in a kaleidoscope. Inence, possibly, tho large percentage of runaways. They are probably merely tho abnormal products of an exceptional season. Next to tho runaways the wireworm and grub havo beon the greatest foes to the crops. A great many fields are blanky; in fact there is scarcely one with a ful came up well, but the plants in a young state Fore attacked by wieworm aud ruthlessly destroyed thereby. The beat remedy for this scourge was found to be a roll, to crush down the plants, end compress the earth so firmly together as to present a mechanical barrier to the devastations of these pests. It seems doubtinal whether the rolling killed the worms or merely shut them in; the point of most moment is, thef it is asserted to have saved the crop. In fact, amongst the best growers strong opinions were hold in fayour of a solid seed-bod and a firm surfaco for the young plants. A deep, wollworked, richly-manured tilth, and then solid rolling bofore sowing and nfter the plants appeared, was the panacea advancol agrunet blanks; and thoce who had practised it had the most remular phant.
But it must not be inferred that these drawbacks havo spoiled the crops. A sweepstakes had been ontered upon by tho growers for the best crop of threo acres, to bo judged by Sept. 20 , Several of the gentlemen, from irregularity of plant, sco., withdrew from the compettion; but the crops of most of them were looked at, and five of the best were judged and weighed. It growth, making rapid progress in size and woight. In fact, with fine weather, there is every prospaet of another fourth being added to the gross yield within the next month.

Yet on Soptember 20 this jear the maximun weight is greater than that reached a month later last year, that is, over 21 tuns per acre. Anothor grower has reached 19 tons, a third 1 J , a fourth $14 \frac{1}{3}$, and a fifth 132 . Had thero been a regular plant, the average would have been about 18 or 20 tons per acre.
The common Mangel crop will not greatly exceed this average this season. As a moans of comparing the respechive weights of the two crops, a portion of one of the best fields of Mangel in the whole district was examined and weighed. It was a model crop of a choice variety of Taukards. The soil was naturally good, and it had had a heary dressing of farmyard manure. The crop had been skilfully cultivated and serapulously cleaned. The plant was regular, at distances of 32 inches between the rows, and about 18 inches asuuder in the rows. This gave 7 rows to 6 yards in width. The yield was 30 tons gross weight-that is, 24 tons of roots and 6 tons of tops per acte. The following tabular statement will exhibit at a glance the ence between the Sugar-Beot and the best crop of Mangel

|  | $\begin{gathered} \text { Gross } \\ \text { Weight. } \end{gathered}$ | Roots, Woight. | Leaves, Wright | $\begin{aligned} & \text { Roota, } \\ & \text { per Rod } \end{aligned}$ |
| :---: | :---: | :---: | :---: | :---: |
| Common Mangel-Grown by Mr. Alen, Lavenbam Sugar-Beet-Grown by Mr. | Tone | Tons $24$ | Tons. | ${ }_{100}$ |
|  |  |  |  |  |
|  | 31 | 23 ${ }^{1}$ | 4 | 192 |
| Mr fonbert Edgar, Cuckfield | 30 | 19 | 11 | $17 \%$ |
| Mr. G. S. Mu | $\bigcirc$ | 15 | s | 16 |
| Mr. Robort Hawktna, | 3 |  |  |  |
| Hithousecourd field | 19 | 13 | 6 | 16. |
|  | 110 | 13. | ¢ | 12. |

The restlts are given in tons per acre, as a tone por rod may be so stated. By multiplynumber per acre is found
This tabular statoment conclusively shows that
much gross woight of Sugar-Beet may be
grown as of Mangel. An excess of top will, rected to a great extent by a careful selection of seed. It is, however, a lesser evil than may be imagined, as sheep, cows, and bullocks aro passionately fond of the tops, and they form $\Omega$ sweet succulent articlo of food, either neat or cut up with dry chatf. It has been proposed by some to consume the tops with sheep before the roots are harvested, in order that they may be consumed in a clean state. This would, of courso, make the harvosting more difficult, though it could hardly injure ronte for sugar-making, as it will be remembered that, for this purpose, the crown is dispensed with. Attention will doubtless, howover, be directed to the growth of heavier roots and less tops. It will be observed, that the best grower this season has reduced the percentage of top to root considerably below all tho thers.
Another fact rendered patent by this tabular statement of results, is the light average weight of the roote the prize Beet only exceeded by a fraction $1 \frac{1}{3} \mathrm{lb}, \mathrm{a}$-piece; while the others descend gradually down to a pound por root. There is no reason, in the nature of the SugarBeet, why 2 or even 3 lb . per root should not be reached. It is in this direction that a maximum weight must be looked for. Mr. Alex's weight of Tankards has only to be given to the Sugar Beet, and his number of roots doubled, and then no crop could for a moment competo for profit with Beet-sugar. Such results seem quite within the range of possubilty, for we observed little dufference in the size of the Sugar-Beet when, either from accident design, the roots were placed wide asunder Most of the growers, for convenience of cleaning, had five rows on the three yards stetch, one or two had six, and one had less than five. The roots in the six rows were equal in size to the five, and the thinnor plants were among the lightest seen. Two hundred plants to the rod should be about the arerage, and these, developed protty well, would give a splendid return. It is astonishing how irregularity of size and a loss of a fow ounces on each root brings down the gross
yield. Blakks, again, play havoc with final reesults. There was not a single field with a uniformly perfect plant. Wireworm and grab must be virorously fought a arainst and extirpated to enable farmers to make a full returs from thi new rnoney-maker. Thes prests seem to erlyy
the sweets as much as ourselver, but, of cours), what they win we lose, and unfortunately ther pound of sweet food may deprive us of tons of roots.
By growing a full plant, economising the leaves, and making beef out of the pulp, there is no doubt but that Siugar-Beet growing will prove
profitable to the Irritish farmer and useful to the profitable to the lritish farmer and useful to the and finds employment for his workmen at a season when both are likely to be scarce.

A scrasect of especial agrictaltural interest at this season of the year, and well worth examinar-
tion at any time, has been mooted in a recent tion at any time, has been mooted in a recent
communication from Mr. C. PA,ET, of Ruddng tom Grange. near Nottioghann. The proper depth of drains, more espectally in the case of
pasture land, has long been a fuestion on which pasture land, has long been a question on which
great difference of opinion hass existed: aryl the
diecuseion is ono which may be usefuly revived discussion is one which may be usefully revired
jut before the winter's drainage works bogin
Tr. PAGE on page 1024 , and Mr. Wurovaris Nond on page 878, have oontanded for 3 feet
as being generally engugent depth for the
drainage of grass-lands; and in both cese instances are described in which this opinio had been amply confirmed by experience. On
the other hand, one fioes int sen why, if the unn and futaliantion of an alritinal furst of subant by the deeper drain 1s gond for the erppa proper to ploughl-land, it should not be equally service able for many of the tirass plants and the Clovers of yreen fillds. In the former case, indeed, we can bs deep and thorough tillage let down the surface water almost hall way to the deeper dram at once, but, in the long run, oht grass-lande whose subsoll it is not possible to stir, will let the rain-water percolate throughout their subsoil to a pipe land $\&$ feet dieop, andl,
that being proved by the activity of 4 -foot draining soon after rainfall, it is tard to doubt that the crops of Grass sown on land which are fod must be better than those Which are fod from a
have also the experience of many drainagr ongineers, whioh can bo quoted to tho affect tha Whatever may bo the immeriato result upon
grassmands, the deeper draimang ultimatoly tell to the advantage of the crops thoy vield, just as it does upon the produce of the Whoat ane the whole, thereforo, wo belove it is a fortunato thing that tho Enclosuro ('ommissloners stand committed to tho gencral adoption of the deeper drain, alike on grass-lands and on plough-lands. Wo shall bo gaia, haverer, to haer fioun an,
 founded.
Tharter at Mark Lano on Nondoy, and trave has bece dull throurbout the conntry at that decline Other grana and feedıng stutf have been without much alterabeen in an active state for the qualities, Es, 6d, being the highest quotation for beel, and ws 11 d , for mutton, amount-English wool is in bettor demand, but dearer.
ant the Educational Congress held during the Grange on half-time labour for boys upon the farm:-"He bad been slluded ta as an employer of agricultural labour sho had for many years insisted upon the education of his farm boys, that thay should spond some days in the schools as well gs at work, and what was the result
of that system? In the first place it liad been in of that system? In the first place it had been in one farmer could not cover a great ratent of ground,
the results had been so unformly alike, and so the recults had been so minformly alike, and so system was a decided succoss. Upon his farm he had 31 boys cmployed, upon the condition that they spent
the alternate days of the week in school. Le had done thas without agy areritire on has oun part, because he felt at the outset that it must be a buasiness success and it had proved, commercially speaking, successful
Ho had, too, been bettor sersed umder tho sy stem than before its introduction. ILis system was thas--11e received the boys at nine years of aye, on con and at the annual examination of the decentiy it was proved that his boys fully maintained their own with the boys of those persons who sont their children to school in the repular way. A
13 they were examined, and those who could write acourately from diotation, read correotly, and do the irst four rules in srithmetic received from him a prize dren who hal bepn taurlit muder life syatem, and the unfform renly of the manters is as that they wern per-
 credianbe kind. Siaton to was a proof that after leaving his farm they continued their education. After they left his farm they hail no difliculty whatover in obtain ing situstions, beowase they were better servente then
the majority of their olns. To obtain sdmjesion to his the majority of their olnes. To obtain admigsion to hia school to learn to real, a proof that in cduration the saw promotion in the distance. As to the gonera question of how far education should be compulsory Nottucham, that as soctety wasi bound to prov.de for the poor and crimiual clames it was bound ton see that the poor ucre brousht upin surel a manmer that there
shoud be the leasit probabulity of their becoming paupers or criminals."
by an A Fery important and urgent question is mooted by an "Inculur"" in the following note Being
 either by the lise of boarded flons, sawduat, or any
other means to save expense. I have heard that in thie
large cowhouses in landor large cowhouses jn liondon coir-mats are sometime
used-are they eflicient Would they answer fo
horses as well as cows? Any information would be horses as well as cows? Any information would be Where sand was used for animbis to lie on-hag experi-
ence shown that aystem to masworp To all whioh
queations we direot tha attontion of our correspondents, light on the London milk manufacture. A daryman and cowkeeper, of Green Lanes, Stoko Newington cottaze near the ahede there he left atyout in a These prnple have hecr, burgal before the ('lerkenwel magistrates with stealine milk. At theer roltage the prosecutor retalls mulk, Whin hit was the prisoner's prosecutor's clerk. The male prisoner had ift for a weeks holiday, and the prosecutor hating made mensuring the milk font to the nottare, and, on quarts more than had been supplied that day from only ${ }^{- \text {? }}$, In the ly quarta that the took there wer water. On croas-examenation he hen made up with never added cochmeal, salt, or other deleterioma mattor Tho male prisoner hald up a la adulterated his malk. Tho male prisoner hald up a large bottle contanning a
naty-looking brownish liquid, and suid that was what Was put into the milk to make it look rich. TItumately Sesions for committed the prisoners to the Middleses forthcoming

Mev. J. IBranston, vicar of Ifitham, cald tion of the employers of agricultural laboen need on conct athly and retaning the lads
men on their farms. Employed during o sunny days of the year, they are not certain other exaployment. Thry go is a town taring distriot, or to some railway, and ha mployment where they shatl be sure of we they are lost to the farmame inter having onoe tasted the swic employment. This is one caluse why becoming more and more searce, and will
 remedy suggeated by Mr. BRaNsTOA-ib
ment of friendly personal relations with ment of friendly personal relations with of tho kiad ho nuticipates; but the idal are to be thus kept in ggnorance of th not to be deprecated as unwholesome or by any class of employers. Let every matho hocording to waik, and boys and soung ments would do more than all the pethin
world to sathefy young men. Ihis, with thet personal consideration which is alwayg dua bours, whether they be masters or men, ad ing lads upon the farm thau any special ond a particular end in viow.

## Agricultural Society of the new number of the

 Society of Arts' prize to Xr GilsBs, for his wrealtu
drying damp agricultural drying damp agricultural rroduce, mpled thavin
judges, who hed been unatumons in then

 tommen (n) 10h) that than an inard, as he had state I it to be, not indoeder for w machine dewribed in the
on wheh it was fouthen
alfer of the prize was digcussirn. The gold medal of the Socioty and at Lle of 50 gluneas were offireds "for the bast essar remar

## barvesting of corn in wet seasons - <br> 

|  |
| :---: |



It is probable, as a mutter
 bcen, we
asacrtion

- The Iev. F'. (). Murrta wrates 10 the iccount of the Agricultural labourer in
 that a labouring man with tolerable pruded than the hard-workjog mechanle


tion, and one enterprising English firm has already established works upon the spot, utilising the cheap labour of the country and sending superphosphates to England ata good profit to themselves, For purposes coprolites. Whole Carabridge coprolites, as raised, containing 57 to 60 per oent, phosphate, are worth
about $52.6 d$. to 558 . per ton, and if ground, about 65 s. about $528.6 d$. to 558. per ton, and if ground, about 858. per ton. Brown Cambridge coproites, containing 47
to 50 per cent. of phosphate, are worth about $35 s$, per to 50 per eent. of phosphate, are worth about 35s. per
ton, and if ground, about $45 s$. to 478 . Go. Suffolk coprolites, containing 5 th to 55 per conto. of phosphates, are Worth 45s. Who and about 58.5 . $6 d$. . Yround, ner ton. It is vere evident from these figures that the German agriculturists have a considerable advantage
British farmers in the cost of phosphatio manures.
Sample No. 6 is the celebrated Driffeld Company's pure cake.

| 8 :- |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Oil |  | - | . | - | 9.96 |
| *Albuminous | compoumds | .. | . | .. | 32.83 |
| Mucilage, wh | c. ${ }^{\text {. }}$ | . | .. |  | 33.18 |
| Tokal of feed | ing parta | - | - |  | 75.73 |
| Mroisturo | - | .- | .. | . | 10.32 |
| Woody Abre | . | . | . | .. | 7.27 |
| Asid .. | . | -* | . |  | C. 14 |

wititrogen, per cento
$\underset{\substack{100.00 \\ 5,02}}{ }$
The compeny are mow charging 1ll. 10s, per ton for their cake at the works, making a small allowsnee to the trade and to co-operative associations like our own. Sample No. 7 is "pure" English linseed-cake, made for us under contractiat a present cost of

*Nitrogen, per cent.
$\underset{\substack{1+1+1,6) \\ 4.84}}{2.85}$
We sell this cake to our members at $\ddot{11 l}$. 5s. per ton presont price, and as our working expenses absorb about one-halr the gross profits, there is the return of the ot
Sample No. 8 is a Liverpool-made pure cake, standing very high in the locality, and well spoken of by practicel farmers.
As will be seen by Dr. Paul's analygis, it does not compare in percentage of nitrogen with the "Driftield", or the Association's oilcake, and is somewhat high in necessity of teatiog by analysis even the best oilcakes to know their comparative money value in purchasing
 10.04
24,25

Total of feedivg parts
Wsody fibro

- Nitrogen per cent
$10, ~$
37
3
Fdvard Owen Greening, Managing Director, Apri29, Partiament Street, Weatminster.-P.S. Since the above letter was written there has been an advance in the price of Euglish cakes of 5s. to $10 s$, per ton, and in American cales of about is. ©. $t$, I may auld, for the information of your readers, that the Peruvian Government have just advanced the price of guano another 10s. per tou is the higher the value, the greater the careful in giving their orders for guano.

THE PLACE OF PEDIGREE IN AN ESTIMATE OF LIVE STOCK.

pounds, shillings, and pence, of profit or of loss. It is place the effocts of even a remote cross beyond dispute "The most remarkable statement which I have met Fith,"," says Mr. Darwin, "of the persistent endurance of a single cross is given by Fleisolman, who, in reference to German sieep, says have 5500 fibres of wol an square inch ; grades of the third or fourth Merino cross produced about 8000 the twentieth cross 27,000 , the perfoot pure Merino blood 40,000 to 48,000. So that in this case common German sheep crossed 20 times sutccessively
with Merinos, have not by any means acquired wool as with Merinos, have not by any means acquired wool as
fine as that of the pure breed." Admitting with Mr. Gine rs that of the pure breed." Admitting with ${ }^{\text {Da }}$, Darwin that the above is an extrome instance, and to
be accounted for by peculiar circumatances, we liave be accounted for by peculiar circumatances, we forming a correct conclusion of the vilue of breeding stock We can well imagine, supposing the cross-bred and pure Merino sheop in question had been exhibited, that if an ordinary farmer had been the judge, he Would have given the prize to the sheep with the case the former had been larger or fatter than the latter: But a reference to their respective pedigrees
would have revered the deoision, as far as their value for breeding was concerned.
To apply the foregoing ressoning to Shorthorns, I can conceive it quite possible to produce a bull with only three or four descents of pure blood, and whose g.g.g. dam was either s cross-bred cow or a Highlander, should be equal in outward appearance to one of the from the judges therr respective pedigrees, would in this case be to incur the risk of placing the e.g. .o. son of a mongrel before the descendants of Bates' Duchess or Boollys it is a matter of everyday ocecurrence for especially, it is a matter of everyday occurrence for
animals of inferior pedigree to win prizes over the animals of inferior pedigree to win prizes over the
heads of those betrer bred than themselves. I would expressly guard againgt its being supposed that I advocate giving a prize to an intrinsicelly inferior animal on account of his pedigree. All in wesire is
that this should be taken into account, in weighiog his claims to that distinction, And I believe that the admission of the evidence of descent would not
unfrequently (especially at provincial shows) have the unfrequently (espocialy at provincial shows) have the merits of animals which they might otherwisa have overlooked.
It is difficult to overrate the importance of sound decisions at our agricultural meetings. When a prize
is given to an underbred animal, simply because hos condition has been mado un reqaruless of expense, it is equivalent to giving a fictitious value to his blood, fightrul position. Whenever showy mediocrity is thus held up to pablio admiration, while the elaims of pure blood are ignored, the effect is to put those who desire to improve their stock upon alvable lesson into a do convert what ought to be a vainable le merson mishievous because it is baked by authority. But, unti! autbentis evidence of pedialways to do striot justice. Hilloughi.g Hoad, Holly Bank, Burlon-on-Trent.

## Fgome Corresporvence.

The Potato Disebse las rome at last, with more than its uanal rirulence. About five weeks ago black specks fell down upon the haulm; they looked like round blemishes that might have been made by hailstones These round dots gradually exjanded into black ringe of rottonness, kiving forth the unmistakable sme
the Potato plague. The gangrene then run down the the Potato plaguc. The cangrene then run down the
stems, aud now almost cvery tuber is unaound. My stemstice for years has boen to prow rhiefly esarly Potatos, and take them all up and store them in earth before or 1 mmediately after a speck of disense
appears. The Potatos will thus keed sound, but once the virus has gangrened the stems many of the tubers will rot though taken up apparently sound.
The sceds of the malady has rached then, anil it bcars frut into rottenncso aftermards. fill the midule of
September I do not think there was one unsound tuber to be found. But one short month, av l thern 14 scarcely a sound one. Potatos do not beep woll if
taken up areen and stored in the usual manner, but stored in earth, they keep sweet and sound, taiting,
when used, like freah-raised Potatos. But it is difficult to impress the mportance of early barvesting of
potator on fermerg and labourers generally It seems
they would rather lose the crop than lift therm before Michalmas; and I am sorry to say that many of them
will lose almost the entire bulk this season. It wil! be irnm the fact that it might have been prevented. I bave no panacea to offer against the disease; but
by early planting and early harvesting we may have our crops sajely stored before it coancs. 13 y laving the crops in the ground we cnly invite the divease
down the liseless stems to the sound tubers; aud the result is rottenness and destruction of thousands o tons of the best Potatos. D. T. Fish, Bury St, Edmund?s.
The Potato Crop of 1869.-I cannot allow the letter of your correspondent (Mr. Paterson, of Dundee), in regard to this crop, to pass unchallenged. He sajg, in your last weok's issue, that "It is the opinion of prac crop, and the beat quality, that we have had for yeare." ractical mal deference to his opinion, I must, as a to this statement, for unfortunately, in this nelghbourood, where thero are mony thousands of acres grown
this year, the orop is, to ary the least anyle heavy one; and, as for the quality, all the fanco district complain that they have many-sem wiret a others a third, and some unhappy ferrmpith that already diseased, and probably many for market if kept any length of time inflyt that Doubtless your correspondent has reliabl I must protest against his ipse dituit b conclusive evidence of the state of the enf
erop of the present year. $A$ Subseribe, October 11.
Steam Cultivation; the Peterborongh yrined at onnection with this subject there sppend in be ca ast impression a lengthy exposition of thealy ha Ploughing Co, and we commend the tomy igran I in whang Co, and we commend the in which Co unchation Your readers will remembly anchalenged. Your readers will remem \& Co. on previous occasions, and no one on as the only profitable arul practicable of his lengthy latter is devoted to the neani the "roundabout system as originated ofl particular. We feel bound, therafore ner m that patent, to offer some remarks in its the Loepfer candidy admits that the anchoms hio Well at the trias, and that the two men with were this required sul were abund And yet while thas acknowledgrng that trom that the "roundinot") bystem is sifl state, and that most attempts to impmar if udir $1, i$ added to its compliastion, withont sim adrantage. "Also, that while the avechors well on the Peterborough soil, they would putical r on very light sand or upon rooky sols," haccurn these are conditions so strange and so excepta Facts are stubborn thines, and we are prenesw il his that Mr. Campain has, during 1868 and 1898 uver 500 acres with the aid of his patont anci
upon his own premises), with a workion stu upon his own premises), with a workiog staif thin three men and two boys, and without any mand upmon lind varying from light fou to strom artiti ipran, Mr, Tonular subgents that in fied apou 1 require help to move them nn; bat here ha is u as rapon oae ni Ar. Cumpun 4 arms shere is teniple in never occurred. We Lope to convinee Xf Topr that his theory is besten by practical realis; are other pointa in l as argumento that may and tee the tackle working u
our letter now has rimn to at
would only further remurh
aphre lates the adsanta.: on the dotberex, one the tl
 ably advocates; but he is, in our opinion Frousands of British farm
espacialiy) want their work done at tha smoturne. it is woll known that there are many to lo the the $r_{c}$
ability, the means, and the desire to, then within themselves, and thus uti
already in their possension. And
proof that this is being acomplish
and both profitably and well. Anties, Borforie thir

## Peterboraugh, Oct. I4.

Cost of Steam Cuitivation. - So Mr. Tood turned up from the Peterborough trials, and friendly talk, and then some runans the byels sets upon the contract plan, he wind up dow corre advice to the arrieulturists deming three, or four neighbours, according harms, should jon and buy a steamassint somo industriouz workine

## of the most powerful description

inrmor who is to uso this tachle In not tilishels
is to pay per acre for its use, ncluer does
tell these men who are to find tho nucher wh they are to get ba wre as pay for its uue, ret hin la
to the conclusion that an industrious For bush masy bo found in their parish who las a kne whic machinery. Let him do as I in inse quaspos Fer matter particulars-and
costs (this year) per acre stand thus:- His men, coal, water, and oul, 3s. 3/l. n nterest alar scuffling with horses, this bringa niy total adthe bed jor Wheat up to $G s, 8 d$. Itdring and
men, coal, water, and oul, ris. 1 ll ; materest tear, $1 s, 6$ d. ; total, Cs .
for roots or

## Toeplfer should get

## Ies: anu

$\frac{1}{\mathrm{M}}$
rate seed to soll in the market he had been obliged to compete with this adulterated soed of Which ho was altogether ignorant. The gallaut colonel remarked that the wholesale seadsmen had been consoienee-stricken
at the imposition they had prootised upon the farmer, at the imposition they had practised upon the farmer
and they had come forward in the nost honourable Wha and kiven evidence before the committoe. Th tonst he had to propose was "Prosperity to Agriculture.
He would ruther nut kive thom any nilvice unon agri He would rather nut kive thom any advice upon agrihe did, but if he muth do so it would be this, to continue and progress 111 the old beaten track, at the same
time takigg alvantage of all the modern appliances and improvements of the day, cultivating deplly and manuring highly-[Mr. Mecar. Hear, hear -at the same time not to be led away by ary ideas of the pery mentalised but to examine carefully all those exper ments and to form their own opinions upon them. This Was one way of farming. Another way was to farm Was one way of farming. Another way was lettora
very hisghy, to experimentalise, to write
to the times, to tell everybody how much to the Times, that it was \& capital plan to farm like that if they had any other business to depend upon; but at any rate they were under deep obligations to those gentlamen who did experimentalise and gave them the benefit of their experience. He did not know one subject on which those pentlensen had advised them, and on
which they had profited more thar thin secting. This which they had profited wore thar thin seenting. This seeding He dut nat manine that any sencon .and hopn moro sutable for it: and having homern, he must fairly and honstly state that, althougfi thin ? ear it hal bren suecessful, he had lnat more money hi thiu seeding than he ever dud by
thick. He heliever that for thin somior they nust adeere to cond to ms-riecp cultivation, wall maiuring, \&o, acd they must be free from inser ts, sluzs, wirnworms, -and thes nere ever dependent upon atmnsyherie thin sowing would be successfol. Many people formed their ideas of the value of land from large orops that were erown upon it, and they heard a good desl about formed their opinion in this way were very often misled. He wanted to know whether they were to form their idea of the value of land from the extent of the crops grown uphn it, or whether-which be oontended was the rizht way-frow the rent the farmer or ocrupi

## arlord to pay lor to to get a suir wrme out ont. If a

 land would produce. If he found that by the ordinary he made his offor for throland on that basis, anre the firmer chose to invest another 1000k. of his capital on that land he night grow 5 or 6 quarter plir nere, lucrative sometimes, but it was speculative, and did not inorease the value of the land-it was merely a matter for the farmer and his own business-he riskedhis money, improved the lend, and produced a greater orop. He did not think but there was plenty of intelcrop. He did not think but there was plenty of intolthis country, and he did not think there was any defiriency of capital where the farmers thought that capital could be emplosed with any certainty-buta man was not slways inclined to speoulate and risle his ospital. Farming difiered very much from other buainespes, for if a trader wect into the market he could obtain any money ho might require, on cortain securities, to enable him to carry on his business; but if a farmer went into the money marhel the
capitalst lookel asken at him-he lil not con-uler has security of tenure corrl enoumh, and ho was too dependent on the spason- - hewas not therefi re inc.ined to ad vance bse money on spenulative and hish farming to throw two or three holdings into one, to mquare all his fields, pull donn hestres and cottages here and there over his eatate: and if ho wanted any evidence to still further confirm him in this opinion whicin he had stway held, he had
 that, an improver could do. Why, what did everythin the estate of Jr. Pollook, had heens carried on under taie od aystem for many years, and his tenants enul aford to give nearly as much ront as conld the tenants land mollock, although the latter had spent on the nection fith the fee simpie of the estatio. In con he should eouple the name of his old Iriend Mr Merhs, assurine him that in any remarks be had made an the course of has speerh he did not mean any thing peranal - Mromen Mi Mnar, hear. - -nd that he alway entertained a hearty corlal feelng towards li m, and his advice and be their agrimaltrial Mentor.
Colonel Brikise and the company fur whal the thankeil health. He helsever they and many of the farmers of England wished ham woti 1 health, but he oould not conceal from himself that there were afow, and he hoped onily a misledf few, who would wish to see Mr. Mechi swept Prorn the face of the ayrieultural world evening to speas the trath, and he assured them that feeling tow ards bum. He congponed to have such
present and the distriot generally on the suocess of the Societr Most of tham recollected that this Sociaty had grown out of and was founded upon the ashes of a once excellent institution at that the goo 1 senae an 1 greater in himes would prevent the gnod slip from ljens, wreake] and abuse of feve ill regulated persous wha ather means of its destruction. However, that had all plsse away, and he rejoiced in the regeneration of the landords, tenants, and the publio at large-agreed in wishiny prosperity to agrioulfure, and they asked, as a ft was quite clear that it ha 1 not always prospered to the full extent of their wishes, for while his frien
Colonel Brise had been censuring the squaring of fields Colonel Brise had been censuring the squaring of fields
outting down of fences, and doing away with smal farms, de, he liad tuld them ihat the ponr ittle
was working as hard as two labourers, and yet only livin? as well as one. He could not see the consistenoy of
those two remarks, He would tell them where the small farmer was suffering-it was from being salit up
by trees and hedgerows, small, bad, muddy rosds, \&o., ond having to compete with men who were working on an improved and more intelligent principle. The little farmer naturally gave way in the unequal contest they, then, sanisted Fild agricutcur to do all thes conld to progress. He did not consider that progression was to be the mere act of the terant: must be by joint, action of landlord and tenant.
power was
mannafituring jeople, who were their eth-omnera, deman lel that
Brise so strongly recommended, but that they should get out of that decp and umconfortabie rut by imporened educat.on, eularped
and tenant, and, by the use of stoam and other
machinery, go on progressing. Colonel Brise toid machinery, go on progressing Colone Brise then farmer in consequence of the insecurity of his tenur and the uncertainty of the seasons, but he omitted to tell them that if the farmer had a 21 years' lease, and if he had the power to transfer that lease, the banker Would take a very different view of his customer uncertan position of anaual tenure, ho was placed in a disadvantageous position compared with traders in howns. Did they suppmet
man, and of which he had only an anaual tevure, withou
any security that those expensas would be returned to
Whas in sn anomalous position, aposition whioh should
not exist in these daps of improvemento. While he
said this he did not believe that the landlords had not tho welfare of their tenants deeply at heart. He believed that the latdlords of this country Were
desirous that agricultare should proaper, and be deration of what was now going on in the country to osuse a great change in their opiniocs. Thers had already been $a$ grat rhage in their
trens and fences, and he belovel the
proseling fences, and the behovel the time was a
proaching that while the tenant would be bound, as every tenant ought to be, on a frir and just oondition.
he would be no longer restricted by those antiquated practices suited to another period-inatead of keeping in the old and uncomforkable rut, they would sdapt themselves to the grater intelligence and zecossities cations from agriculturists from all part onf the woril and probably, therefore, no man had a bettrr ojpmortuonly inal Bntish, bat als lain土 What was gonng on, not What conclusiou uhd it lead ham? First, out the subject of education. bivors book, was annost au islication of the stsle o education in the difierent parts of the country; and hn
could not agree with his friend Mr. Carter, that the educstion of Essez was gatiafactory. Why without and who had bein on his farm 85 years, could neither
Mr. Cartize-I referred to the young people-to ment MBCEI agreed that there had been an improveplenty of room forioto for whic of opinion that they were bsolward in the education of their labouring people, and although he did not go so far as to advocate oompulsory eduastion-he would have a compulsory education rate. [Cries of "No, no" and "Yes, yes" Did ther apphove of a mophinory rite fir menlir the roads? "No."] Well, nat iont of road, wonl
they have if they bad not a compulary rats. rolce, As kood as now," and " 1 on, ao." IV ay, m sears ago drthur Young told them thes could not drive ph. whry rates had onabled them to improve their roads and he anverterl withoul
leaving the elucation of the people to mere bere wollue prish of lalleshary, with 5000 , scres there whs at one time only a stuall dame sohool with 12 children stifled tokether in a room, This state of things had been partially altered by the benevolence of friends like Mr. Du Cane, but at the same time he had known men, with $\overline{7}(4)$ nr 301 ares of land, whs smini lerefi that education sposlt their best labourers, and whuld not, ther people ought to be compelled by a rate to do that which

Was admittod as a necessity by tho
publis at larke. He knew this
they were here to spak the publics at large. He knew this

## The wolld mow ehano the subje

 one-roomed cottages, each oocupi nation that this shoir own labonom tho Chairmar that, taking the agrioud Essex and many other counties, magistrate of the city of London, wrorking olasses in times of distren he knew that where an agricultura decent cottare with two or three mos.
 and very often in one room th the be with farming." ${ }^{\text {² }}$. Yes, it had to do mi
were now discussing the condition labourer, and they ought rathar to remarks than other wise, hecauss it
the farmers were grinding thatit whereas he did not admit anything od believer who earned on an average likb diat was about fre sum io be of
 Now they eame 1s the question of po
gentlemen lounhed at Mr. Watson's youltry heepmp, ho lae wa inclinged to or 400 fowls, which he sold at $2 d$ anp The poultry sold for double the prof dr less per pound than the meat, He consldered anything, he did especially of partridges, and remartal Fithin 30 feet of the hen-houss dmb rov a largest crops of straw and cors frat the thig

 the prosent day, Mr. Meching mationed this $h$
 and he then advoeated the fill
 Mr. Heraert Larar propoced the hir Judges"


## the society. He

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late Mr. Frinder of Wantare,
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## Polyanthus.

 FOLYANTHUS, hesmliful $v$ iaced, grown fram bood bayed


STPPIEN BROW A, Suldsman and Fiurist, Weaton-Eilper-Mare,



 Frofareace wilt he glven to thono Pornons who may have bour



The Gaturneqg Chromicle.


Amone the many Hortigulturac IEsibalTIONs that have taken place duriag the past summer, that held at IJshoon seems worthy of apecial remark, from the rarity of such ovents in the South of Europe, and in the Iberien pemintale in particular.

Firmm a mport lying before ut, signed by 13lisialinty Antonio Gomez, it appears that the exhirstion originated under the auspices of the Renl Aspociação Central da Agricultura Porthenrya, and was mainly gupported by prirate persmens, thoneh the Municipal Comneil of Tishon
 their largn colletiona. The Ihke of Cantwat's park was the sitn selectocl, and in it a glass Louse was rp wally prected for the reception of he more temper subpents. This atructure was designed arid executed by M Sitheft DE Armaga E. C'rims, and for clegance and judicoous arrangement was well adapted for the purpese in view. From the enumeration of the planteWhich, however, is chiefly restricted to generic in amps $-1 t$ Wonld appear that the same preference for arnamental follern $\mathrm{p}^{\text {hatata }}$, so prevalent in Nortlonl fontral limone han at lingth mam-

 |alike fur variety and luxuriance of growth, f 1 m and the ches polit of attrartion in tho exhibition. The numerous ornamental forms of Firanthemum, Alocasia, Echitas, Coleus, Achyranthes, and others, were likewise conspicnons, a-giciated with Pelargoniums, Fuchsias, Petuniaa. Rhododendrons and Azalear, together with Dractias, floxinias, Cinerarias, and Bonaparteas. Two splendid sperimens of Litana Commeranm mhelted unirersal armiration, as also d.d fine examples of Clerotendron Thomsonee, Theophrasta impenalis, Pandanus aranicus, and rarious species of Magnolas, Erythrius, Metrosideros, Attcuhi, ife The axhbation was further enricherl it several species of wrll-caltivated ('jeald and l'alma, and the Tree Ferna were paris alaily itrietive. A numernus and wnil-grt wn mblect.an of Conifergo excited equal interict, motalls thite fine epecimene of Thyis Initi: Thy pol- dolebrate, and Scousmputy-vertiel lata. I'orming a arprinial
collections of Eucalyptus，Acacia，Mimosa， Casuarina，and Ficus，chiefly raisod from seod．

Advantage was taken of this opportunity to exhibit seedlings of several species of Cinchona and it in to be hoped that Portugal will establish plantations of this tree in some of her widely spread tropical colonies．
It may be here remarked that the principal difficulty attending the establishment of Cinchona plantations does not oonsiet in the raising plants from soed，as any intelligent careful gardener can accomplish this，but in the transplanting of the
seedlings to their permanent destination．Good results depend solely or principally upor the amount of care and protection accorded to them in their new home．That such plantations are practicable，providing due care and shelter be given to them，even in somewhat unfavourable简ports received from St．Melons．Many of
the higher mountein ravines of that ishend eve fiready planted with thousands of Cinchona trees， whose luxuriant growth promises to replace in time the former arborescent vegetation of the ialand in a manner both useful and ornamental．
We cordinlly agree with the judges，over whom the King，Dom Fernando，presided，in la－ menting the paucity in this and previous exhibitions of tho many highly ornamental and interesting plants peculiar to the flora of 1＇or－ tugal，somee of which haro never been intro－ duced into our gardens；and we might extend this remark with stall greater emphasis to the rumerous magnificent plants of the lortuguese colonial possessions，especially those of tropical
Africa．The splendid Monuloras，the gigantic－ flowered Camoonsia maxima，tho Banduiroua speciosa，and many others，highly remarkable in habit or beauty of flower or foliage，belonging to
the flora of Avgola and Mozambique，are still among the desiderata of our gardons．And wo naturally look forwarl with more confidence to their carly natioduction by the Portuguese Horti－ cultural Society，as Portugal possesses in the
island of Madeira an intermediate station for acclimatisation such as scarcely any other nation can boast of．The Portuguese colonial flora was， however，not wholly nurepresented in the exhibi－ tion，for Sanseviera angolensis was exhibited by the Dukeof I．
report，whether the Sanseviera was shown in bloom，in which state ite flowers，which are pro－ duced in clusters about a foot in length，diffuse a most delicious odour，perceptible at a great dis－ tance．But even for its foliage alone，this remark－ able plant merits a place in the temperate house， the leaves having a curions suake－like mottled appearance．As for the Welwitschia，its woody nature and slow growth give very little hopo of living plants being introduced into nur gardens， even if the greatest care bo taken in its removal
and transport．But there should be no insupcrable and transport．But there should be no insuperable
difficulty in the way of raising it from perfectly－ ripened seed，and by this means an opportunity would be afforded of observing the mode of germination of one of the most remarkable pro－
ductions of the vegetable kingdom；and at the ductions of the vegetable kingdom；and at the
same time the original form of the two perma－ nent cotyledonary leaves might bo scientifically determined，for hitherio they have only been
seen aplit up into many fragments．
With this ovidence of progress in viow，while Wishing Portugal all success in hor endeavours tural fetes may beconno more frequent，end that
at future exhibitions due regard vill be pain to at fature exhioinons due regard will be paid to
the native planks of Portugar，ande ebpecially to the many interesting products of her colonial
flora brought to light br the Ieseatechec of WFL－ WITsCII aLd other butauists．
Wre are requested to state that a meeting in
furtherance of the proposed Mryorisl of the hate furtherance of the proposed Mrigosial of the Iate inst，in the Council－room of the Royal Hortioultural Socioty，at South Kensington，when all hortioulturists tho are interested in the movement are invited to athend．The meeting will take place at noon．

The recent meeting of the American Powo－ Logican Socreti in Philadelphalas been one of the most successfial ever held in America．Upwards of
15,000 people visited tho Erhibition．The followiog is the total of dishes of fruit exhbited：－Applea， 1254 ； Pears，1594：Grapes（native），wion；Grapes（exotic）， 41 Plums，5l；Peaches， 38 ；Quinces， 3 ；Nectarines，
Fige 2：total， $3805 . \mathrm{Mr}$ Marseith WiLDve alone
contribited a colleotion of 180 varieties of Pears． Thenext meeting（in September，1875）will be held in Riohmond．


When attacked by a parasitic Fungus（Ustilago anther arum），as observed by Miss BECKER（see pp． 1012,1087 ）
had been，we find，previously noted by M．ToLAEN in their＂Monographie des Ustilapinés．＂In the last issued part of the＂Bulletin of the 13 itani al Snciety which he says that the hermuphrodute pant presents an ovary slightly different frotu the normal one in the styles short and straight unstead of long and cursed． The ovules are well formed，and fertilised by pollen rom una fecled pith sporas of the Ustilago． is the cause of this pseudo－hermaphroditism？We call though structurally bisexual，the flowers are physio logically unisexual．Is it due to the formation of stamens in a flower which ordinarily produces pistils flower that should contain stamens only？M．CorNu structurally hermaphrodite from the development of Ustilago penetrates the plant，but，as it can only ructiry in the stamens，it woutd appear to be the determining cause of the production of those organs in
the normally female flower．This opinion is confirmed by the existence on an hermaphrodite plant of purely enale flowers．The veteran Indian botanist propounds the opposite opinion，and considers that the piatil in those flawers was developed，as it were，by compensa－
tion for the arrested or perverted develonaient of the tion for the arrested or perverted development of the
stamens and pollen．For our own parts we rather lean to M．CoBnU＇s view，for these reasons，that in th male flowers of Iychnis affected with Ustilago which have come under our own observation the pistil was undeveioped．As the anthers are perfect，it cannot be
from any cherk in their growth that theovary grows by rom any cheok in their growth that the ovary grows by pose that the non－formation of the pollen might bring about the consequences mentioned by Dr．WIGET．
Nottingham is a groat logality for Celery growing，and at this season of the year numerous exhi－
bitions of this useful esculent are held in its neighbou oitions of this useful esculent are held in its neighbour hood．We print the annexed partioulars of a show
held at Carlton on Oetober 5，as giving some idea of the standard attained by the Nottingham growers－ although，of course，size is not always or necessarily to
be taken Bs an index of quality．In this case there be taken as an index of quality．In this case there
were 78 exhibitors placed on the list of awards－the weights of the first giz prize lots being as follows：－
 7 lb .2 oz ． sth ，St．
strong， 5 lb ． 1 l oz．
lititle A curious instenee，ahowing the advantage of a II．BIDARD，in some observations on the licowe $R$ of Mrasses，ghows that fertilisation
freated before the flowers open，so that wi．em on in is really over，and the now useless stamens project out side the flower．Assuming this to be true，what is the value of the plan proposed for facilitating
in Wheat by violently shaking the ears by
in Wheat by violently shaking the ears by means of cord stretched along the rows，when the Wheat is il
bloom？Again，if this be true，hyuridisation or cross breeding in heat is impossible，unless elfected artili－ oially．Whet explanation then is to be given of the sup－ whioh it may be remembered，was offered in explans tion of the alleped transformation of Agilops to Wheat．
numerous experiments，has conge to the a rencalt of numerous experiments，has conne to
matters it stands in need of by the time flowering is over，when it contains as many of these ingredients a it does when the ear is ripe．Hence，any application of manure after flowering would be unneceesary M．Pirree obtained the same results in the case of Colza，which，when fowering is over，contains ncarly㔖d mineral ingredient as it would do at a later period． The carbon，however，does not attain its maximum o
development till after the oomplement of the minera ingredionts 18 obtaiued．Hence，then，a crop exhaust the soil to nearly or quite as great an extent before ful
maturatiou as it does of allowed to ripen thoroughiy． maturatiou as it does is alowed or ripen thoroughiy．
 （Podisoma Sabtine）has been an the and confirmed by M．Droatsins．The latter brataht
placed two plants of Savin affected with Po lionem placed two piants of Savin affected with Polisem
one in the gronnd in the mulst of four pierfectly
healthy bealthy yollus Pear trees，and the other among the
branohes of a laree equally healthy Pear tree o Curé），at a a larese equally healthy Pear tree iBon After a few days the Rcestela appezred upon almost ald which were purposely smears．Noreover，some leaces With the slimy mucus of the Podisoma were speodily has not sucreeded in his endeavours to repeat ther， experiment，and he calls attention to a circ amstance Thioh is very significant，that is to say，the presence of
true Pocinia（smut）on the Podisome of the in some seasons and its absence Podisoma of the Squin he cantiously furmises that the Pear－leaf，Frungus may be a form of the Pueoinia．

We learn from a correspondent that a WINTER Gardix in EniNburar will shortly be commenced． in that part of the country－mult be award nove one


## nurserymen．

 According to front of the pr Rodad．The fapade exterds to 130 feetet thothe building will be 26 feet，and the breald The designs of the building have been prea the superintendence of Mr．DoWNir，and
be carried out in their entirety，the new win be carried out in their entirety，the
is likely to prove worthy of the mett
The work has been entruated to $M$ The work has bee
SHanks \＆SoN．
－We learn from a Russian journal some question of an Intrrnatronat fis Fruti next year，in the Crimea．It ian of the best modes of cultivation．
－The following suggestions with refor oharacter of the VBITcA．Msarorian，and
from the letters of our correspondents，and from the letters of our correspondents，and
in order to eive those who may attend the in order to give those who may attend tho many
meeting on Wednesday，an opportunity of onaid their relative importance，previsus to the metir
original idea，we believe，was tuat of a monure we observe that this form of memorial han porters．A Veitoh Prize or Medal hit named，${ }^{\text {as }}$ mentioned in
We proceed to summarise
which proceed to summarise the further $m$ Veitch Medal，but objects to its boing give year to novelties．He notes the folint London ground in favour of 有 them Veitch Medal should be disposed of at exhibitions．He also suggests a masto． portrait；；and if the funds suffice，the eddin volent Institution．＂B＂＂the Roysl Gard suggests a Veitoh Memorial Education Yui deroted to giving a better finish to the edra Thphan ohildren of gardeners left in bad orrana This，he thinks，would meet with univeras
and would have met with Mr．Vertch＇a marm and would have mat with Mr．Vertche warme one guinea．He supports the Veitat Pro position，but thinks a fund to proluce． annum should be raisod，and this green，in prizes，lor different subjects in wide brea in to reward good，culliration notiou of a Voitch Club，to be esthim suffice，a Veitch．Hortioultural Library on the lating principle；further，that a porthatio Beo Horticultural Socitity．－＂E．＂proposes should be three Gold Medais，to bo amaziod the best 12 dishes of fruitt，suthure for
12 atove and ereenliouse plants，7 5ing the

 thatiou or hybridiation．It la obo in some other oases，depen is very mith passes into the bands olla comamittee，wotankit movemeat by Mr．STEVKNS，of Trentham， belongs the credit of having ontered the the leading members of the profession in the proposed memorial．The result must gratifying to him．

## New Plants．

## 

空，$G$ ith is dwarter than that of old $\mathbb{E}$ ．Imp 4．G．Rchb．तL．Lutisia Macrotis，sp．n．


This small species is very near the old Lu but very diterent in its scasilo，nol uhatel manmer from that of the species just namad． from Assam，having been introdveed by Jopn H．G．Rchb．$\pi$ I．

PHALARNORSIDS
BIDDING for favour and public patronage is of everyday life．The and publio patronastily p of letters scanned，and the busy brsin st mor ning now the business of the day shall bo ning now the business of the day shall be






 i

 ther iarut, utder the caro of our cultwator, 25 somebrast, buth of foligere and in lloresencer- -100 a speek to mar the fine clroling flower panicles, nor a blotch of It A.ter limes thair folinge is sen loathsome with


 thon $r$ tem as a corrective medsure, with the
new of sums h.s plaut, at outher in course of


 Fit to and contrast of with the dosedsed fuliare, look-
 tr. nit, do arruve ind start away on their own ienl is to reproduction by lateral extension, but it is ther repruduction of det rloration moduchi by an eln l it atang on, two and turce times remosed, it Enn it al y ends in death.






 artun nt I have heard in defenae, is to this effigat- theit
gratitul P . an abihis or P . \&randifors will lose their Fit ur in are uf tine, and as a con-equence lose the

 A, I live to say ts folsow out the life hatory of the rlant, and the grower or owner will see that by ho pro-
cess c"n the satue rigour be infinseff, nor the same dinensions attatued, irowng concluvively that dissoluth, to to only a hatter of time. In pord hads, the lives of fants r'sn be protonged like tia eiven or mariduais, 1 in the shape of fuol or water supply, to zmproper a ratiou, or to extremes of heat or cold. Many pruwers or tan rear lirst-rate syervmens of the plants and by so domng add to the sears of their hfe. But what is gall, ed by this is lust in the want of the same ctuautity of flumers luring the lifetime of the plant. It may be zoon enousth practice for a great spurt to the -jper raen (cromparat, vely speahing) and the quantity af fiswers produepel, out to the real Urehad lover this is
bet a questionable return. Moreaver, planta growa int a questionable return. Moreuver, plants grown that direction, if sou stay the process which ature asol.nn-are apt to bernme diseaser. The least
 hat mp to the preselt tiule, fas been fumul abphe
 Ahay its inroads, are futile to coax away or dispel it. ferteed, this part of vegetable pathology is but moperteetly understood, as a varie
frominee the same disesse.
Liut the plant is popular. It must be grown, can be





 harj whin a that a shilfal crower, or a careful oboerser, to the thereased demand, which is steadsly going on, mereasing still, notwathstanding the fuctuations and derression of trade, we apprehend there wili be some difficusts $1 \mu$ matutaining an adequate supply. At the
present time the two speches named above oost they did, and the market is ran mone ill those wito hold stank have nothan: to fear so lont
as they keep them free from ont, in far liealtas con lion. As an instance of how, mpmoters of the greatest experieute ha the costry are affeoted by cir-
duntances over wheh they hase no control, I aphend

 as w dulliculty in importation and couse , ueat losses hits on theory of importation. Jund recently we have had what, when packel, was perlinge the most valuable wat ever sent us-a crawd het of $A$ a meeles, an 1 hath cut of this, and previous lots, we have not offored a sugle plant to any one, only a few od ds and ends bemp Phed from the wreck. Add to these two lots a third on Phaldonopsis, of Whwh out of 480 wo saved one, and you Hill agree with me that rosults are not hralitiant, Here if an instance of the enterprise of that firu, with returns absolutoly mil. Had these 480 Phatanopsis
come to this cnuntry alive, they were worth, in cound
 unleon the collentors stumble nimon nem it alructa we have need to be watchful wer the stock now in the country. Leeproducton by seed $1 s$ a slow processid our elfurts at rearing the gentus frous sucel have faslad Thero is no dificulty in by bridican the superes and getting seed oapsuler, and quile as little difticully 12 crossing varieties- tho great matter is to get the seed T. germinate. I effected an excellent crass between Por amabilss and P. Schilleriana, and was all excutement for yearb, hoping akainst hope that the beed would nopsis, I was doomed to disaphomement. J. Amberson.
(To le con tomperi.)
THE CLOCHE AND TIIE COIRDON. We are enabled, With Mr. Robinson's permassion, to
awal ourselses of two cuts fromn bis 'l'arks, l'ro awal ourselses of two cuts from bis "t'arks, Pro
menades, and Cardens of I'arks," ill astrating theo th

flowers, and the like. In France the cost of these loches is about a frano a-phere, aul they may now be Our second cut shows the way in whet the cordon may be adrantareously used to fill Facanctes at the boy low wals, the front of pits or prant-nouses, on establishments, or in the hands of amateurs, this method of fruit growing has its advantages.

## 39nte Corresponitence.

Acalypha tricoior -It appeir- ni, 2 diar to me that
 season. I caunot account for it, as it is one of tho finest variegated foliage plants I amp aoquainted with. The speoimen Which Lextibited at Worksop on Sept. 2
Wha the most admired plant in my proup, and for contrast of colour in a collieotion of vapregated foliake plants it has no equal, the colour
indeed, it may be termed a plant of
difeet, which is truly tine, and pronounced by comLnalaud.
 egnpeliod in th the ame thang wain thas winter,
 attam. 'Tus I much regret, as I find the plant ynproses in size of foliage and colent witers what vize it attains in its native country (Fiji Rlands), its height, size of foliage, and appearance?
imagine it to be one of the most beantiful folage
plants imaginable in its wild tate. I fiud no difficulty
plants imaginable in its whe etak. In


 International Fruit Show, Edmburgh. - My atten:
 he.alded "The Troubles of the liazhase Xher. andor, Calpeling on my conduct. as beer tary if the Royal Calceluman Lorticultural Society, at the Intornational to two I'mes which wero watt is Mr Ward for compettion in class 3, and I skall bo ob.osid ho your inserting the followiog flateltown in an-wer. On Sepcentber 7 a hox was dolis rel at the Masic llall, and
 buld, the other a liliod, but no card was inclosed tating from whan they came, nor was there any marking on the address to load to it. Tho box wa herefore laid astide, and in the course of tho day br. John Methven, gardener, Blythewood, apphed to

 wheht is satd to have been a lurcomel to me by Mr. Wari, when the box wan aent allu, was nover received; and I dad not see Mr. Carm, whall, the Loyal zirdener
alluded to, tall the morning of the ath, alluded to, till the morning of the ith, when he cane to act as a judge as the cinurse of the forencon,
Mr. Carmichael asked me if hail received a box with two Pines and a letter regarding thom, when I informed him I had loot, and in the evening he agan asked if the box had nast up, and showed me Mr. Ward's letter to humelf of the fith, wheren he asked Mr. Carmichsel to desire we to have the Pines returued to Mr. W. but as I da not knoss the adiress, I aikerl ham to give me the letier, which he did, and the ame so now in my posisossion. on s.aturday the 1 tith I left town, and did not retura till Monday the zuth, when I fuand a lether had bern uelivered at my lomso that moruige St. George's 1 Iall, lidu'sargh," heong the letter ol the isth referred to, end the only one I have reocived from him, his two former letters never having reaohed me,


 fortued me for tue first thee that 1

to Mr. Metaven in answer that there must be some mate as after having written to hm to take charge of tis I'mps, ho lad dinnjed has mind, and mot sent any, lue Lad writen Mr. Wurd, nio Jad entered for the eque elasis, to koow if the Pines were his, but lad not recerved an answer, whech he supposed was owing to 3h-L ip stortforl. Ife, therefore, arreud that he would write ham again, expliming ewery thank, which be did, and 1 alterwards itudersfor with the explanation ho hald recesved. In the prize list, publinhed 12 the "Giardener," tho error was corrected, and an adeartionment was sent by Mr. Young to the ${ }^{5}$ Journal of Horticulture", and the Gerdeners Chronicle, oorrecting the same. Viut recelvcil. 1 The sbove are the exact of noumStances connecteu with the mistare about mir, Wand express my murprise that, after tho explanation given to him by Mr. Young, he should gither have written the letter signed "Obeerver," or civen tho information to enable another to write it. The mistake did not oocur through say of the oficials self,- first, by his not putting o eard into his box

 Victory of Bath Melan - I lunk it would be a grea boon to the gardeaing public to be 14 possesson of
reaily first-rate Melon. deoording to my judgment n Melon oomes up to Viotory of Bath, my judgment it merits.
treatment that would kill suoh sorts as Golden Perfeation, and sets abundantiy without artificial impregna-
tion: in fact, Ihsve this seasongathered three crops from mike renth for minter (nutumbers, or I betteve thoy fully netfed, of a tine qu..len gellows rolouri the tlesth, exquisite Huvour, mad may be eaten like s Jargonelle
l'eur. ic enor. ha for a zeutluatit weighs about 3 lb ., quite lurwe other eort tuts eeason, hence 1 mag presume my gt nok pure. I thall feal pleasure in giving a fer my gt nok A special Pelargonion, Nh fn?! N, ireoted sutelop. asked as to whirh in the inrst if the qualar plant ato the present time, the kose or the Palargonamm, it monit
decide, and there would be found numbers who would















 those principally interested whi take the mattor up,
and if so, from tha amomat of interest dinlased in the
past, I feel sure that the movement would be attonded past, I feel sure that the movement would be attonded organised the show of the past season, there being numbers of amatears and others who attend these shows. for whom the large shows possess little or no attradinn Philos.
Cantharellus carbonarins,-Will you allow me to correct an error in your le ding articleat p. lnol. The
Cantharelfus carbonarius found by me abouta fortnisht ago was not found on charcoal heaps in the wondsaround the Wrekin, but in the Duke of Sutherland's wood at heaps in the Wrekin woods, but hitherto have falled to detect a single specimen of this Fungus. Yesterday I rent again to the Isilleshall woods, and examined come fight or ten charcoal heaps of differentages; but, specmens, I could discover no additional heaps that afforded the Cantharellas. From the heap where I had previously found this Fungus I gathered about 40 Mr. Broome. Should I discoverethore day forwarded to Week or ten days, I shall be happy to send specimens Charcoal Chantrall with to make drawings of the Charcoal Chanarelle. W. Houghton, Preston Rectory, Shanking of Grapes - "Twe
give, if I hat as much," said a veteran horticulturist the the real cause of that mildew I can form some conception of but, this midew ing can form some conception of but this of it this Jen than Iever remember before, sind all who have to contead with it asgiga some reason of their
own for its presence Bad bordor- anif overarn. 4 ing brigig it abiut, Sprder and tirip attarhomz the folige may be added. I tontire to suggest another cause, whict I hafo Dever secu hinted at before: it is than-an excessive reduction of the amount of atmosphpric
moisture at the time the Grapes bugin to colour Phe moisture at the time the Graposs bugin to colour T'his,
I should say, basteris the maturing of the wood before the Grapes are supplied with the necesfary mmount of organisable matter to perfert themselves. To give any more physiologieal reasons in support of this contrary to be proven, $i e$, that the proper balaneing of at mospherie molsture has not much to do with
shankiog and defi rency of colour in Grapes. Fe hare here a vinery which thice jears aro was infested with all the known riverses and pests. Last year we his year to twomshanking with slazat appentancip; the return of mi dew. The latter we mastered in three wheks; thas I think in the worst of all-3t spreads co rapidiy, aud leares trares of its stealthy steps on the in such a case as that would be absurd. There isenough viable at once, without having to pry into tho esrth
beneath. The fict of the Vines havine been inferted with spider for a dozen years would be suffcient in
jtself; butt when it occurs on apparently cleatn healthy
 to Mr. Squire for his information on destroying
hormes' nests with obloroform, but that portion Wasps are alwass found at nipht guarding the entrance, them on the qui rere, evena hatat thrown on them from a anderstern will often do it, so that to put a stick would be to deatroy all chances of killing the whole of 100 nests, and have destroyed in one season upwards of old-fashioned squib), my fenst oncestung (using the oid-ashioned squib), my first care always being not to
disturb the doorkeepers. I never felt the slichtest finger in was aver courageous enough to put my finger into the hole. Tuere are many quaer places I mest. Nor do $\frac{1}{}$ thing we mustor than into a wasps ${ }^{\text {a }}$ that wasps tse rats' holes, or even a bank. I have found more nents on an average ta flit grount, and with one small entrance hole made by the wasps themselves. But locality and the season, for when dry they mure on the ground. When living in Scotland, on tha banks of the Clyde, a proverbially mot part, I destroyed in one
season it nests, all ef them hanging to bmaches
of trees. This I atributed to the dampress
they come out as well as go in loaded, the load out being the earth they remove in making room for their nest and its passsqes, which load they drop soon after The Veiteh Memorial. - Tuough blio. that the of the late Mr. James Veitch will ever remain his most fittiog memorial, it is yet nalural and proper bat his contemporaries should do something worthy of themselves, and, if possible, of him, in testimny of
their esteem and regard for his memory. I wish to share, however humbly, 10 this pood work, and to join with you in urging that what is done may be done,
not only thoroughly, but promptlygand spontaneously. Respect for the dead, and a sensitive regard for the deeppest feelings of the living, suggest the propriety of
pushing the good work through to completion with the least possible delay While the matter is undecided ${ }^{2}$ permit me to offer the following supzestions
ns add to determiong the claraoter and form of the testimu, inal. It must, nis ynu observe, be
agreeable to the fimily, and it ought to be approeleo Mr. James Veitch was, be was pre-emicently a horticulturist. He had a large hand in making horthculture what it is to-day; and that work, steady, pro-
gressing, absorbing, largelv moulded, may we not al wost say, made the man. Would he have cared for monument? I think not. Mr. Thomson's sugegetion of a Veitell Prize or Medal is much more appropriate,
and would be serviceable to horticulture for all time coming. If it wers practleable a a Fitch Club in London, forming a rendezsous for gardeners in the
capital, for social recreation, the reunlting of old ties and the formation of new, a bond of union among Rardenere, and a centre of intellectual culcure and prodead, and mintht b, would be a arand memento of th dead, and maight become a tower or strength and a
source of blosing to the living. Such an institution is one of the horticultural wants of the age. A Veitelh one of the hort Licultaral wants of the age. A eitech
Horticultural Library, on the circulating plan, open to 11 gardeners no paying a nominal subserrption, could be easily establisken, and would hind up the name of the pleasures of our higher literature. There is another hing which ought certainly to be done, that is, to have a portrait painted by a gond irtict and nlaced
in the council ohamber of the Ryyal Horticultural In the Veitrh Library, Club, or special prize projncts, would
make the name of the derceased stull a quickening make the name of the deceased still a quickening
power in horticulture. A word upm the last point, and I have done. The memorial shonl1 be measure as far as such things can be made son, All that can should have a hand in it. Mnney will be needed, but money is not the chief thing. As

thim at the disposal of the commatteo; but let not He- guineas stay the flup of shitlinars and pence in the regard. Let every gardener bat determing or B true hand in the Veitch Memorial, and the work is don a The what we do lot us to quickly. D. T? Thibs.
The Royal Hortioultural 8ooiety. - I Inh. naturall oxpocted about the Roval Fordicultural Society. ivays so easy to "abuse the opposite counsol" whas, of course, so :c'mated by st maltce, batred mortified pride, diampounted ambition, and only of mntives, is quites a rehef. If my friends had said I Wanted to ret on to the committee to "rob the till," expect that any one whon tork the trouhle to read my nota conld bave taken the view that Messra, Cannel and the committee for mon-arterdance, I should have said nothing, but at the meeliog to which I alluded the three names had already heen strurk nit, and no
nnly was mine not among them, but I believo I hat attended much oftener than inany of the others whi
were left on. No; my name was strack out by the
Council in dirent opposition to the rule they profess to
be guided by and be guided by, and so far from attending only when
certan flowers were before the commities, I tried to
attend whenever I could.
 utmost kindn, with but one or two exceptions, the endurance of much a anmire them for their patien floriculture would lead thera to submit to. The fult blondinto the and unth we see an infusion of fresn amateurs, but some of our gentlemen of forture or chief gardenerg-I fear murh we shall seo no improve. good service. I Canneli agitate for this, and he will do wish ill to any institution coprat a love for flowers to have written what I know are the opinions horticulture number of persons in every branch of brought peace to thelr bosoms political chiefs have State, by unvitine into bocoms, and benefits to the and have found in farce andice representative men, Fise and atedfast frianda restless adversarles thelr Counal of the Ryyal Horticultural Soniety do well at fillougs time to rewognise a feeling prepalent among at enlows, that the legislature mizht be eslargod to the
would like to see their number increath
admission of pratical hortreulturiste communieating link botween the wealthier a members of our gardeners' wuld, betwen th
nloyers and the employed, as well as botween and country aontmgents, mixing freely with tion or any sagrcious bint. We would
expenses ol travelling and attendance paid expenses of travellug and attendance paid;
there might be no jealoustes, a fresh eletion tervals. We want these men to bring us into harmony and union, by bridriuy over the ghat
separater at present two sections of the Ront cultural Sopiety. Why should not the name men as velch and Turner, bee, Henderson lif
and 50 others in their turn, be fund on tho list? There need be no alterat.ons, hut med
tions. We all of us esteem gratefully of oflicials, and we ouly ask the Councl to ind
popularity by moreasing a power, whith at this erisis most precious-the powar to ?
Potato Graftizg. -Mr. Simpan states, that I do not recozaise that the stock hasen
ence on the scion. I did not assert thin, assert that the atook has an infl lence in chat that the Potato is self-supporting, and in thio not rerognive that the stock aud scion of hat the produce would mosth likely he deformad and leas, Ir September, 1833, Dr. Msclean, a young plant of the whate Silesiun Beet unat
of Red Bent, and nicen rersi-Sce Garderería $1855, p$. 20. At the tume of the expatia
plants were each about as thiok as a strats janation waq effenter, and when in 185! the ground there was seen a slight contractionath of junction, mush like thar, formed bs "chatus was absolutely white, below it was absolataj not a trace of blending the two colours could and plants De. Muclean had so far assured bia the porfect independence of soion and stok : of the specific eharacters of the one or the ohere trial wh altered by the union. The resulf it trial wholy confirmed that view, and demonsw the sam that the White Beet adhered to the Red Beet by 1 Radia Junction of eeilalir matter, and also tatat the cm stook thus held tugether in tho first inatanee the atne afterwards produem ita osn colouring mather idalfiren own nesw celln as they formerl suphracasly, the me Bol authg, to the whate celos whale in thansegt Bo Boll withous ans interchango of contento thround

## cid


throngla grafting notling can pha-ibly ba gawin a b
beth. Tuat Artichokos grafted into Potatos whi

## that they will cross but " nothing vent

 woulil adviap hinand peraevering.

## fara trial he canant truthfully state that

 proness; on the contrary, the produce meepevarisbly been most ugly, jubis one pont be mappre to mp , which is one of the points in my oomad y statement being, Potatograftuma, I fear,
be worth the troubienad timo bentuwed upon
 Osberion Hall, Worksop,--Since nritug th
communication on the 11 in inst, I see 50 letter, and coucludes lins remirhs by of my lormer letter, therefore $I$ will portion of my remarks agan, and e
be more prplocit. " That Potatos rounds to kidneys, and rree rerse, and quite anderstand that
 mizture of colours-that

## colours and shapes

communication, will not atter the colour, sin ifrduce true tubrid: its altering the shap


 2umbeandewat
 $5=4$ -awawianaw c 13 ulm, and form tubers, without such wang or symp Il wary in shape and be small. I do not assert erors ime will grow; probably some may rot, while others will grow. Even a mueh amaller piece than what $I$
have totrd will grow. Indeed I assert the Potato is meal to the
mental graft.
the stock throwing up leaulm Edreird Ronnelt Osherton miy ntart into growth s not the taber-grafting of Potatos sheer humdents? I knew a rardener who took the lat prize elf-same stock of Astileaf Kidneys, Puddy,--CFrom an article in a Forres paper wo learn that Dr Innes, luk kudney Potatos and cut out the eyes by a wed eok Ike notel. Intn tho cavity thus madr, in one set, he oerter thense of a Rezent Potato, and into the cavity
 mongrel group of large, pink, round-shaped Potatns, termuxed wath white, round, and pink and black
one oned ones. It is clar that the graft between fif folds prolueed a hybrid of a round kind mods and same stom, aq well as mak round batare also got from Radiation, -I Inre is a question for the wine men amount of heat lost by radiation thronerence in ifferent thickness or weight per foot, such as $16-08$,
6-0.2. Ac. Enquirer. Boilers,- I woulat like to know how much gnod is

I uncertain good to the beying only to be productiv crated; lut what aboit the economy of the boiler hite trials to their heartsi sind patent holderis were
simple calrulation, and gives forth no
those who are to investigate soun 1 to those who care to investigate
and tako action accordiugly. It is not a lighter draught, yequiring the dynain having furrows set un with the ometer to test,
op in having furrows set un with the
cest cut and the greatest mathematical precision ; it simply a question of what kind of fuel is to be conMith the selected article. There is an jdea boller, so that the flame can play hide-rod-seek and the mof metal, the more powerful and the more eligible for general work, portion of their vaunted boller is nothing touch, and the coating of of lame on the metal is shout the best now-conto a boller of this description, and the utilised in the passage through it is hat should be studied, therefore, is shall we present a surfoce that radiant heat shatl
elficiently impinge upon? If it be in a locality
 coat the lolet sides, so much the hetter. The best fore some limit to multitudinords of flame, and thereIt is perfectly clear that what the smoke disperses n their fropound that they can utilise all the an impossibilty, I opine, the ne in all the Tettle $m$ nit ancient systeme the water in the bothy womness, sresing to show that under the best system ight and several thou to be lost. Given a cold frosty erlf, and I would like to see the nurseryman or ardencr, or anybody like to see the nurseryman or
re eautiously would tell his stoker to sirer quarter, and or to economise the heat in the

If cole be the the chimney and disperso in Derally is at certain distances outaide of the coal


 has no equal. We have four of them occasionally at ventlatatiag in your pazzes que-tions the alvantage of Whrk at Meadow lank, two kept as emorgency boilers, times of a spurt-as witness 1800 -61, the therm meter being $13^{?}$ below zero-we can keep our the enemy without lard working, which 19 more due, however, to the arrangemeat and sufficiency of the pipes as voucherg. I was going to say, however, thef I have $-2$ =wo mixis
metal, an 1 from the p
minimum friction to the circulation of to present a of first import, meriting far more attention than it it will flow upwards, and onwards, azd backwards, in such a style, that it must bas very badly set boiler, and a anonsst ther to boot, that will not do its duty. I like, concentrio saddle boiler," advertised in your columps has likely to be powerfal, eoonomical, and pood. If it would, in my opinion, be abont the best form prac ticable for utulsing lieat, and sending the water forth in rapid and constant curculation. Janes Auderson herbarium and hbrary at Kew. We may hereafter bo able to report on its performance. Eins.]
ience with this Grape is that is inarohed on some other veriety it have not graftod or it do well on its own roots. It is planted in a house at this place, on its own roots, with Lady Downe's Trentham Black, and Black Hamburgh. Compared

 I havo seen Juyral fimesari
 bited of it before tho Fine was sent out were from Muscat-houze, inarched on aroother variety, with bunches of fromis to $1 / \mathrm{l}$, the berries largo and equal n size, but the rardener told me st diul not keep welt. possible that gralting, so as to increase the size of is it and berfy deteriorates the quality of the fruit? question the results which bave been arrived in $b_{y}$ grafting one variety of Grape Fine upon another are mnst romarkable. (rafting such weak-growing and dilliChasselas Ifusnué on the Black liamburginan and improve thase sorts, and yet l have seen both sorts grafted on the Inmburgh without any umprovement On the other hand, s house of Black IIamburghs with which I am acquainted, in a retrorrading condition Was resuscitated by being grafted with Canon IIall to the İmburgls, Again, the Museat Hamburel on its own roots, is seldom seen with well-set bunches, but grated on the Iamburgh the bunches are large, and Mrs. Pincess Black Muscat, I have , wat netr variety Mrs. Pinces Black Muscat, I have not yet found to be roots, hoth in rearard to colour and flarour, grafted on
Indy I) owne's the berres gre Irger, but rolour and

## 

 tho lesh notunhike that of Gros Guilaume. Thes bntl Muscat Champion and Buoklarnd Sweetwater are imo. proved by beink Grafted and that is more than
It is always deficient in
 inproved in $\|_{\text {avour }}$ by being grafted, but the berries arcuch more tho lleah, and consetuenty keep better. few noves may berlinps be the melu. of in lur ing nthers wholiave had more experience than I hare, to state thear riews on the subject. While writing about Grapes, obserfo Committee of Octoler: \%. In class a there was no com petition, and in the others but hittle. If, instead of the best taree bunches of Chasselas Musque, it had

## Orehid Calture - $\operatorname{IIr}$ (Gin Oinr Jurnad ajppare 1 whie

 aseries-abun lantiy atisfias me of the alvantage of formation is wantrd. At ihat thue I had just purhree very small planta; but suce then I hnve hiso bought some of the newly-importel pieces, and I now cel, from closely observing them all, more at my to my Orohids yet, nad particularly to this one; for I find what upon a Vine would be called air-rooto upon most of these newly imported pieces. This tendenogin I) in li bsums I hirll tis the the leet prouf that they
aro donim well. mean, thoush thmy shonld not lone them when
resting I want Ar. Gamme, if he will be as kind,
to tell me if he has seen litooneri growing what is called in situ; and can he conlirm nuy opinion, from from its bulbs, if it le, so to speak, the ivy amonto Orchids? Mr. Gammie iz fortunate in lis position indeed in Orchids; but and we mist picture him rich from the imported pieces, that our opinion, judging far surpass anything that 15 purely wild there; but if should like to know the size of the bulbs Mr inderson tonk offence at this guestion-why, I do not know but I trust Mr. Gammie will not, for what other tost have we? I) is wo not read that So-and-an showed bunches of Grapes, or a line, of subh-and-sude a Welght? or Mr. So-and-so sent Palarg niums a mass of blonm, the mants being of such a diameter? the the extraordinary thicknes of blank, though ther have only been planted two yesra, so.? Therefore, I entirely diselaim want of courtesy in sueh questions, Orohids, and the most easily prown and pronageted; with this valuable merit, that you oan, I believe, force With this valuable merit, that you oan, I believe, foroe
or retard them all, and the flomers of nenrly all stand when cut, to perfention I sent Inst wint ur to a laly five
 D. noble now in fiower, and shall try to keep golng as
nemrly as $I$ can till rext Jane; and live in hope thas when I have more plants of what I should oall the
nobile seotion, that we may have same of them every保 the year through. I will, therefore, put it to all dowers, are they not worthy of more attention than any other class of plants thay can grow s I have read Ir Gamamie's adsi e as to temperature and lurh and has agree with him, as al-o upon watering Nature and tho resting distinct seasons, the growng seasan distinct treaturents is to atmaspheric moisture, and the morle of feeding and stimulatiag them doring urow th by that means, I have already said what I can Huring the resting season, the temperatare being ower, makes the anr dryer, and dimintshing the watering d ses all the reat. A* regar lis shadias, my gardener were not our nobles flowered much finter when they and he is anxious to try all strong-yrowing sorts 80 again: we are therefore poine to foel our way in this matter next summer. The shading we have usad has been the thinuest idfany, which lets the house fed the sur, though it prevent; burnigr. I find I bave omitted to ask, Is not Ficoneri one of the decidnous class? We grow all Dendrobiums we have room for in baskets suspended from the roof; they are " potted." if may use the term, in crocks and Moss: but the boon as time becomes an ohjere the syriage is found to
 years 1 haul under the name of Stallett': I or tond and it came, I believe, orimmaily from Ireland. It is an
enormously strong grower, the stems as thick as a good Sized walking-stiol and nearly as hard in tarkure. The tubers are kicney-shaped, and amemerely oblong
of a large size, with deep eyes, and the skin of
lenthery deep red, almost hre red Beet when rubbed off In the years when the Potato disease was very
virulent it never attacked this variety, either in the stems or tubers; and when all othor varieties were leafits, Itis kopt fuite rreen trll the frosts blackened length of stem, and I have no doubt if crown in rich
soil, aud trsined mpwards, they would form monster specimens as at Danakier. It is only a field or cattlo Fhen boild or for it is not bad for eating oa friend to so and. a ers years aqo I rave some Celd Potatos with them, at the Birminghe for ki lney show that year, exlibiting them, bowever, under sow Sambocmely nillery \& (roldfindors. If ilham Thllery

bis cultrvation of this plant "down on the plain," I'to good acoount in the open ground for rinenwould say that last year I raw a magnificent bush, oovered with its intease scarlet fruit, in the crarnankable for ita warmiti and moisture, to say nothing of the bottom-heat jue to $1 \mathrm{ts} \pi$ arm springs. $W$. Marshall,
Subtropical Gardening Allow mo to recommend
 two Panpas Graswes, Arundo Donax and Arundo Donar variswata, New Zcaland Flax, and whte-leared Cannas and Castor-oil plants--lliey must have a deep humus, but not bo too damp-and not to forget the Cbineso I3amboo. Theco will at this time of year givo quite an idea of subtropleal growth. Somerset.
Fruit Tree Protection,-I have read with much interest Mr. Wish's contribution to your columns (p. 1063), It satisfics nyy previous impression of tho oause of my good fortune in the emoyment of rood residence is ots a 1 livy snil, at 30 m fect aboro the level of the sea, ah! theceforen fors subjent to the same intenuly the grand gardens of Welbock, Clumber, Tnoresby, and Osberton, all of which are on the banks of streans, and, with the exception of Welbeck, on a sandy foundation. Mr. Fish well develops the principle of providing a maximum nrea of ab-orbents, and covering these with ahould not he ton larye for its heat-storms capacaty. With this vien he recommenda Mr. Beard's system of
 expence ner funt of this plan, and to be ablo to compare it with that of my orn arrangethent as constructed here. I hase garden wath, it feet high, ilucut the these ant only in the autuma occamumally when damp he there hish ieft the wood imperfectly ripened. of eistht l'wecth avd. Xicutarino treas. Pluga arolet in under the coping for the purpose of pleoing a wallplato for these frames to in the line of bur ling shish Fases botiseent the rests cul a y. .fl plate, suyparted by a seres of brik
 middle of March Lheso frames aro haid up in an and a boy, which could not be done with tre byame conme of this struoture whas 50 t , or 1 1) s. per rumning foot I quan


 and their reastance to the eqlat influence fomath, opposile sule, in confirmity to the theory
 I. V.: I may state that I -ee little noje dion to lis p.in of potertines his wall tree
 Which tho tree -a has çatela. Bat any plath by oiple I lave tat d, is likels to be uiseful and efthient Very cheaph, lirupiled the 10 siser font run includes : oormed of monl, and ponsibly the slazed witu lis also even lishter glasg. It so, and the squares osinater, tois woul. very nusel reluce the brice. getimato of cost. Working expenges mnat be sudded to



 gquares of glatas 3lin eal, 20 , and hunhiog 2toz to the foot. Suin strong durable materials are of course more exjingive at first $c$ st than those of a lightitor and more pershable character. Ihat it is the wear-apucapital, and shaterper ere of gardening, that absorb
 that the erpense of moving his soreen will be lass than that of MIr. Bearil's. There would be lesa dulimence eoreen would occupy less anace storage Mr. Bearil's fower risk. The glass could be packed away in borec the felt in rolls, and the rafters in bundles. But every important portion of these scraens being imperishable, it would be the best policy to keep them in constant ase. If not needed fory to keep or for conversion into houses, they might be turned
ing fate Strawberries, sheltering or growing winter Cauliflowers, very early or late Radishes, Carrots, Peas postas, lurcug winter daparasus, de. in fact, of thech screcns, and as many yards of Rendle's protectors, to prolonst the season of growth, and defy the onld at hoth to the value of hollow or flued walls, and with The latter will bear in mind that my object was, 1 possible, to master the severities of the climte by the aid of glass, and without artulicial heat. With suct heat ne create a new climate verhaps there is no renters mode of economically applying heat for this purposo than by means of flued walls, as described by
The Occidental Plane.-I have lone felt assured that
the plane nod known by nurserymen as Platanus oceldentalis, is not the American species, having a wiva recollection
of the almost Iobeless leayes of sepdlings I raised from cend umported from the Couted Statns many years ago
Wivhing to thron a little light on the phoslom, wrote to a friend at lachester, Dew lork, for a fow caves of $P$. ocoidentatis, at tho samo time asking the Southern States (as my seed came from Charleston S. C ) and another to the North. Ho has recently sen me some leaves, one of which I enclose, aud says, " know of but one spiecies of Plane in thas l'latany Narth or South, except one in Californa-1 latanu to be relied on at all in the discrmination of planes The troe at Chiswick nearest to the Commenl mon seems to us to be nearer to the true occulentalis than
any other wo have seen, if, indeed, it be not that any other Wo have seen, it, incheed, it leaves are like the of the specimen sent, bit are not so downy on the under surfuce. Ni, dreube "They are not of the innerican breed (vee g. (1U)
Lady-birds. - Linvo read witil mumple intercat rour pleagnt noten reipecting the protty Concinn ? which iretty insecta have a nues in hature 1 hid an inst ume day I nntineli a sivarm on two large Hanwell Bouring bpple trees, which were smothered with Amern bean in the mornina, furd ere the ebenumg mot a stmptinn of the blupht remamed. Jinn the oftion whinh had flien na the irroumb w? sounht atter by the Ledy-hrets, who neyomren it nerulofia nearly smothered with mealy-hir, whath ou iady visitors cleared un a few hours We shonk not begrudse them thes modichm of rember how much good they do in devouring every species of aphis. They in their turn fall an easy victim


## Societies


 of tho leev. J. Dir the chairman annetunced the atwards of the lorat Committee, which on this oceasion
were few in number. Mr. Jlenkins having performed a like office for the Pruit Commitee, said that the The G. Kemp would ngain ofler prizes for outhor Grape this compentod, at the moder the
O tober, 1sio, and tl endirected attotition to the fruat from the West Iudlees, wh
fruit, Anator Pear, and Milshipman's Butter. The folit, which was sald to be proluced by a large, boldhas much improved in throur when eaten with 1 epner and alt. In appearance anl flavour it atroluzly dures one sol.tary seed, which is very astringent and from which ank, sintable for markiny linen titieg, as the tree is rather a shy fruater flath thieg, as the tree is rather a shy fruster. The
Chairman then diracted attention to the singular Irm of the woll-known of tho Botanic Garden, Chelsma, and then ar. Anose, of tho Botanic Garden, Chelsoz, and the
allited to a beautiful specimen of Pleione WaIlichiana
With 34 flowers, as beins amonest Orchids what th
 amohpat autumn-flowering plants. In the Himalayan
mountains they are said to eorrespond exactly to these
plants. Ar. Bateman remarked with referce the ruitare of theve ilants that tbey liked damn an heat durluy the growing rezon, anl the reveroc ona
 borouzh's mamalinent the arz season Lord Lon ees which had threo good spheses and probably Ell full expanded flowers, was then alluicd to. The plut s. said to be dificult of cultivation, but it seems to a rightly treated by Mr. Denning, his lordshin's gardener of ho grows it in the er orner of a buune facing north-cant ference to this opecits Afr phaty of lupht In re quotations from Dr. Hooker's MEmatayan Journal grassy ting the beauty of the phans as seen on the drs fect above the seatel (attleve, same $3 n 0$ or 1001 Mr. Doming's hybrids, and Barkerin Skinneri, one of the frat of the Guatemalan Orchids that flowered in easy country, were then alluded to, the latter being of species of Cyprivedium. Reich

Rica was then noticed, not so much for its ham


## 




 $=2=2=5=$ $=$





 memums, Gold Fenther Pyrethrum (new goiden foliago), Balvin were not in good condikton this yoar, and only a fow fine
pedmens of double kinds thown. There wero niso exhibiter hree diouble and nome of the new Large flowering crimpol

## Notices of 1boolks.

## 

 ma
We are sometimes dectived by the unmarranted eom mendation given by reriewers to wortz not only
inferiar titality byt positively bad. For example inferiar 1 -uahta, by positively bud. For example, we
were wirselves induced to buy atreabige on auspicions
or deleterious Fungi by Valenti-Serini, at an expente uence of its being characterised "as this im conse onis, the fogures in which are so bad that we are if eare themef ly hare the hook lying on our tabla.
 a a clove exatn, nation. If ehave on a former ocuaston he museum at Stookholm of all those Swedish Fungi collectron as now become of considerable moteres The enables one at once to verify the species whioh have hase oursalves been for some timo in possession of been of a coll lereatio use in the verifiegtion of is hitish opecies, and the engravings are fully equal if not auperior to the drawiage. A fourth number, oonkistime lrineipulfy of species belonging to th
 desired that British myrologists should at once put ss the rapid continuation of the work wili, of conrse

 nace the style of illuntration anl the fatnt Inem:
 it accersible to every tulent. Uur Jist of the fleshy desirable that, to least in the new publicatione whish me announcod on Fungi, which appear to command Which may be proposed should be collated with those allectlia.I! without having recourse to the figures.

## TV7e

HITL, - There is no puestion reluting to bee management more frequently put to me than as to the for peneral hive, or as to the one I would recommend nected with this subjoot which I feel to be sod dificalt to answer, Visitors como to see moy bees and honey;
quality of the hatter, and are often at onoe sinntten you reconmend ? ${ }^{\text {an }}$ "There can I get such hives do these? I should not like to have any common hes he"But I shall look to you
 belief of the inquirer that I onls wished to provent his
petting a good live, and setting up as rival to mysel getting a good bive, and seting up as a rival
in cur eriful bee-keping It Iio
on

## , that after I have declined

 20 yards of a bee-live, or who stated candidly that he knew nothingabout bees, but should leave their management to an equally ignorant pardener, he has lurried alf to the carpenter 1 usually employ, and ordered an of which has been made to me by the oarpenter calling to obtaia information as to ame minutio in the measurements which he had forgotten.
Tha uoh applicants I usually recommond some aimple edge of bees, or manipulation in management, to
insure a successful result. When I find that some proof working on an improved principle, it afcurds me
 ing a satisfactory beainning. Before doing so, I rusist nanarement, such as thorough supervision of the conlstruction of the combs from the very first; immediate line of comb along the very centre of the frames requent removal of frames and occasional transposition o insure the requisite straightness; the judiolous use of guide combs, and the preservation of all pieces of vailablo for future us
I osn, with much gratification, point to a fow apiarians Who, havina followed my instructiong, have now become tolerable arlepts in the manipulation of beos in frame nat, notwithistanding a satisfactory start has been made in tae second year, when swarm has arrived, the bees nupepared with gaide combs, and allowed to huild a they pleased. The frames being, from the manner in Thich the combs were congtructed, quite immovable, he hive has been left to take its ohance, and the owner hives they being in his opinion, not a whit better han, if so good as, the common cottage hives
Such resultis are, to say the least of them. diarpointing, but
siastic inquirers. I think greaf injury has beon done to ganemal progreas in miontila hoo-keeping by indisstart at once with mov utely necessary that they shoutd firat be made cquainted wity what do it, othervise filiura suust be the result, and Apiator.

## Garden Memoranda

Thoresby, as most of your readers are aware, is the sat of Earl Manvers, and formerly the seat of the Duke of Kingston, the present noble owner is now engaged in making some vary extensive alterations, ay theg new and priacely mansion, indeed 1 may phosis that place 18 undergoing such r metsamorof hall-a-dozen years since. The old kitchen garden 22 s ben entirely done arraf with, and a new one made are numeronz, are all now, and chiefly crected by Mr. it is of Chelsea.
ention $n$
reapecting the gardens ars l now to enter into details he place is completed sou mill a.ve me perniasion to do so. My nreseat notes mill be confined to the florer
borders and beds, with a fow remarks on Pioes \& the former there is certainly nothung better out of either of the parks. The first border I am about to describe rung the whole ength of the kitchen earder,
$(550$ feet), and is 12 feet wide, at the back of Which is buti espalier Pear trees. Looking at this border from either end I must confess it was grand, and worth

 ing the groundwork; th row, Purple King Verbena mulh rom, Kayii Calceolaria, Ith ros, Stella Pelar
gonum. At intervals of it fect apart nre eirclo
 thense orrcles are planted h th Cyhmer Polargotium,
and 1 Cranson hin. Verbena, alferinately.
 Hero were five hane of tiola cormuta l'urple Q zemp, ismed
 where eleo but at Thoresby. What have we to equal

Tooks in the dutance mont benatiful maure that ? o, and planted as follows :-1st row, Cerakium allinded Sansy: five lines of Xonium, is row, Clisedea Yelluw work; 9 h row, Tropeolum lutaum imp

 borders at the time of my visit were 29 good a it was Mminhe for them to be, and refleyted gratit credit on Mr. Henderson.
The flower garden near the old massion is also exoedingly cay this season. The following beds were
particularly good and altrective:-Cybistor Pelargonium, edged with Polemonium cceruleum variegatum a second bed of Cybister, odgod with Lady Plymouta Verbens. Crailent Pelargonium, edzed with Goldon Penther: Sxcellent Pelargonium, edged with Goiden Yellow Pansy ; Golden Cbain Pelargonium, odged with Lobetia speoiosa ; Alysum (rariegated), and Little David Pelargominma Flower of Spring Pelarzo hum, edzen with Purple king Verbensi and match Verbenas, was very stiraotive; Abutilon Crimompsoni Wiag DI of there bell, lookel ramirh ís weil, and so did The Pine houses are all bult with full spanned oofs, having glass sashes of either side, and llass ends o that plenty of light is insured. The fruiting house ontains some of the best Pines it has ever fallen to my lot to behold, the rarieties being Cayennes, and Ripley,
Moscow, and Thoreeby Queens, \&C. ; but the Thoresby Moscow, and Thoresby Queens, \&.C. ; but the Thoresby
Queen reigns supreme as the rueen of Queens. Tancy Queen reigns supreme as the queen of Queens. rancy passible health, with fruit upon them from $\overline{5}$ to s Ib weight. It is astonishing how little this Pine is known
in the country. What have our loing to lose sight of so truly raluable a Pine? -one lhave not the least hesitation in pronouncing worthy of a place in every collection, howerer case, for, heving visited Thoresby for the past 0 years, gexerally twice in a season, 1 am able to form pretty correor opinion of its merits, and can recomequal in Hita conadeace. 1 do nou say it is pernaps quay in lispour to a good Queen, but is superior to uocessions, that looked in fine health one house of smooth-leaved Cayenne, planted out a ueker on Aurust 12, 1868, with a ripe fruit upon it,
Uighing from 4 lb. to 5 lb .
 prinouple ss ladd down by Mr. Canuell for the Viae, and to avery tpporntrog nnoccosfilly Atrotherimorelty of the Cape Gooseberry, which is grown largely for preserving. The Fin-house contains \& very large assortment, bearing heary orops. The vineries oontain some magnificent bunches of Grapes, such 88 do credit to the
nsme of Henderson; indeed, every thing is quite up to the mark, both indoors and out, ind Thoresby may be lassed as in every respect a first-chas forcial estab inlument, from the Strawberrs to the "King of Fraits" is at hand to do it with. Peserhe mira convenience out-of-doors and in zloss cossos, withont ectarines, both are a fuilure as elsowhere, but the troes look in remarkable good health. Dry weather has but little effect on vegetation here, for water is laid on at intervais all over the gardens, and, by means of a gutta-percha hose, the whole place can be thoroughly watered. The anders house is certainiy one of the supplied with rater and liohted rith Inceed, the men's rooms, ruit rooms, sheds, \&cc, are all done in a princely style, and suoh ss bocome a first-rate placo. E. Dennett, Osberton, September 9.

## Miscellaneous

The Fowers of Palms were probably af firn Bi-secural. - That all Palms (or, wo might almost aay, and have over been tending towards a complete separaLun of the seaces, is hinuly probable for tho
multiplication of individuals loads to the division of labour in the processes of plant life, as well as in those of men, bees, puts, aud otner an.then, dwelling in communities. That the flowers of Palms were originally
 facilitate the process, and (though now become rapleas) still preserved, wholly or in part. The structure of the nale fowers of Geovoma is a cass in point The pistils incladied, and such I supponte to have been their primilue state The stamens, unted below into a
 flamert niaseg ta unfohi itself, wome of the follem the
 suf le haring grown beboud the stamen-tabe in some
tlowers, the stigmas become exmased? and amo incect, by whose ageney they woull be more tnoroughly fertilised by the pollen of other theivers. The offigering
st length supplant the original form ; so that we now find in Geosoma an effete ovary in the male flowers, castrated stamen-tube in the fomale flowers-neither of which combined active organs of both sexes in the same flower. Some eastern Palms, especially among the Spathelliflore, are said to have at this day truly hermaphrodite flowers. Among American Palms one
flads in some species an occasional bi-sexual flower with flad in some species an occasions bi-sexual flower with all the organs perfect, but it is a case of extrence rarity in the fertile flower, they have alwass seemed to me emasculated. Journal of Cocoa-nat. -The cultivation of the Coooa-nut Pacific Oceans. As we ascend the Amazon it gradually becomes sterile. At Manaos, 800 miles up, th fruits appear fully formed externally, but are invariably empty. At San Carloz del lio Negro, almost exactly
midway between the two oceans, there were, in $18 j 1$, midway between the two oceans, there were, in 1831,
two well grown Coco Palms which lad never even flowered. Journal of the Linneans Society.

## Ebaroen operationt.

## (For the enswing toesk.)

plant housies.
GREENHOLSE or tuberous-rooted Tropacolums whll have generally commenced growing freely by this time, and will therefore need particulsr attention. into the blooming pots, they should be attended to forthwith. For the rest, as soon as the young rambling shoots have become sufficiently long to require support, other support intended to be covered should be placed in the pots at once, and a judicious and artistic system of training be entered upon. The first or primary any symptoms of lateral shoots being likely to follow If the former are traned in the best manner possible minor shoots wnich trull fullow will better and in fillio minor shoots whel thll follow will better and in filligy the whole grouth whll quickly establish itself at the apex, leaving the lower space more or less unoecupted. fond of too damp an atmosphere. Blandfordeas may now be shifted into fresh soil. Equal parts of loam sand, and peat, will suit them well, with a good sprinkling of silver sand. Great care should be taken not to make them too wet at the root during the incoming
winter months. They will then make fresh roots winter months. They will then make fresh roots
early in the spring, and push up robust flower spikes, early in the spring, and push up robust flower spikes,
which are very telling in comparssou with therr narrow grass-like foliage. Atford the early or whater
blooming stran of Pelargoniums, such as Rubens, bloming stran of Pelargoniums, such as Rubens, tion, with a moderate supply of root moisture,
and sive them an ocassional damping overiead These as I have before intimated, should no.
be shifted finally into their blooming pots, which it be shifted finally into their blooming pots, which it cytent of tho plantis themselves.

Those plants whech beautiful Farieties of Epmphyllum frunculum, Gesnera Cooperi-an old but vory beatutiful spertes, various Orchids, such as certan Cilllegas and Deadroliums, with its three or more varieties, should be all brought to the fore, and recelve that amount of attention whioh they deserve. In instances where it is not advisable to afford water to the roots of any, no little ald may with fresh tepld by sumply as asonging over the leaves with fresh tepld water, as by simply increasing the compensata for the etrain placed upon plants in the ect of blooming.
I can add little this week to my reiterated advice regreding Fineries, which at this season require but always be observel untll the last bunch of Grapeuld beencut. 'The chief point to be attended Grapes has ence to late Grapes arlses from the necessity of keeping sufficiently ripenel. The weather we as they are sumiciently ripenefl. The weather we have expe-
rienced has assisted us in that reapect, when a mode ratey dry atmosphe
stapes of growth sh
sasgested, be all nicely housed for the early winter
canpaign. Plants on which are ripe fruits not
required for few day

iroely in similay situatiom. Those which freit room looming period, may be excited adyantaceang tbe water ${ }^{\circ}$ stimulant tothe roots in the form of mar . moisture cop up a moderate amount of atmosnherio This should at all times be diminishod orght weather conjunction with the external atmosphere. Considering that young Cucumber nlanis have now made a four start mapply, and thas intended to furnish the mid-winter extend and ramify throughout the soil, it will begun to able to choose a bricht wirm sunny dir upon whe give them a slight ront-wateriug. Furst aford an hand, when is may be frealy have soft tepid water to 20 grow, do not omit to pinch out all sumer continue may forma as soon as they appent all such tendrils as of what they require for uppent, as they rob the plant nowing of French Boan (dwarf) ahould also be made to
succerd those already placed in the fruiting pots. Prepare the necessary fermenting materials for the early beds of forced Asparagus, and if nowth has been removed from such as is motended to be forced, that at least a little rest may be afforded it.

Hardy fruit garden
Persist in brushing the leaves off wall-fruit trees, for the sooner those upon Peaches and aremarines are the parent stems this season, and should a sharp frost occur before the wood has had an opportunity of after the leaves bave fallen, no littie risk of injury will be encountered. The sooner wo can get them off without undue violence the better. Give to the Frut
Room abundance of fresh air until after the primary sweating of the fruit is completed.

## hardy flower garden

Those who value prezent appearances more than the absolute, security of many scarce plants, or their
cardener's pence of mind, and have still all their bedding stuff fully exposed and not potted up, should at least heve all the more important things teken up, fininh all, immediately suceeeding the fir-t frost we may experience; for the scason wears, aud it may not be taken up late should have many of the grosser, more sappy leaves removed; and should dull, November-like fogs prevail, a little fire should be kept slightly going in connection with all structures containing such
plants. Give a surface dressing of fincly sifted leaf mould or other rich material to beds containing old plants of Polyanthuses, and to all plantations of tead to ward off frosts, but will materially assist the roots.

## kitchen garden.

The old, and now decaying, stems of Asparagus holid be at once cut ort ay ho houl hoand ceared asray, and along with them any weeds which may be
on the ground. At the earliest opportunity afterwards on the ground. At the earliest opportunity afterwards
2 or 3 inches of well decomposed manure should he spread all over the beds and alley*, if any. It is customary to advise digging the beds over; this I object to, as the Asparagus is a surface-rootıng plant. The
abundant supply of manure we so constantly afford Fill keep the ground weli open, hosever tenacious the onl may be originally; besides, the roots delight in firmness. This more frmedately in relation to large flat beds, not constructed with mid-alleys. The latter will require some of the soil out of according to the shallowness of the
upon or over the surface of the crowns, for, under soy ircumstances, the frost must be kept from these latter Where beds are formed separately, as intimated, a neat workman-like finish should be given to the whole by running e line along the edges, and packing them up straight and neatly therewith. Remove all the lower reaver which part readily from Bricssels Sprouts, and cloar them off, This will ilmat the air more freely into and aromind diom, and, irremertive of a neat and
tidy appearance, thit tend $t s$ has len them more fully, preparatory to the severe period wo may antioipate

## Town g.irdening

Chrysanthenums, both large-flowered and Fompons are fast coming in to flower. They should be housed, and allowed all the air possible consistent with avoidanc of Find, rain, and frost. They should be watered as they may require, with soft water. Waterings of liquid manure should now be discontinued altogether canvas teat will do equally well. This should be so made that the sides can be drawn up during fin weather. Look to the Hyacinths that were put aide in glasses in the dark last month. Some of the earliest may be brought to the light; if any of the roots are diseased at the base, and not started, take them out weli wipe them, and replare them in soft water with recover and flower well, but means have More bulbs should bo put in nots and glasess as directed last month, to follow in suesession. The beda and horders intended
for bulbs should be at onre forked over and levelled and the roots planted. Tulyps should now be planted about ti incles apart, and the suoe d.stince friman row
to row dagonally, and about 3 inches deep from the
upper side of the ront. Esch hole shouli upper side of the root. Each hole shoulit be made
Fith a trowel, anu a hitle alver sand put in; the bulb
ahould be placed in the hole and corer in the enould be piaced in the hole and covered with a little
more
gently the paitod down should be then levelled over and
With the spade. The following Farieties are very distinct, znd flower woll in town:-
Double Tournesol, yellow and red; double Yellow Potteband double Rex Rubroram, scarlet; single Prince The If sacinthe ston, crimson ; and Yellow Prince Tue Ifsaeinths should now bo planted in the come manner as the Tulaps, and when the planting is complete, the beds shond be hooped over so as to The followng varieties are all single, hut severe frost. choicest, and the best adaptod for bedding:-Amy Vainqueur, pure white: Voltsire weamson; Grand Oickens, rale blue; William I purple. Wite : Charle barieties of Crocus are all fine fowers and free the beds, plantad 2 a nches deep round the margins of in patches of fire, 2 inches apart, in separate apart, or lilac purple: David pure white; Sur Walter Scoti lilac purple; David Rizzio, deep purple; Ne Plus
Uitra, light blue ter Uitra, light blue t tpped with white; Purple; Ne Plus



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## Wheat zer Sowing

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 Lary，Rt the Chico of the 18 mporary siserotary，cortite of Hav Moon S 1s．All commumicat．onis regpret．ng the Sinw must he adriressod to the Assigtant becretart，as nbove，and should boar ontulde the
words＂sumtofold Clita Sibuw．＂

## Che saricultural daxette．

SATCRD＿1Y，（＂TORIVR $23,1869$.

WillemLi it bo the brot ．－team tackin，＂or the leat numation of any other kind that is desired，there are at least two wraye in which the truth apon the ertijeot may be sought for．One very easy method is that the public should simply pin their faith to official judgment．The other is that they should trust themselves；using all tho opportunities for self instruction with which the energy of rival salesmen，rival manu－ facturers，rival alvertisers if you will，is certain to supply them．In considering the relative merits of these two methods，we may in the first place roadily admit that it is a very fortunate thing for the efficiency of each that the other Is in full swing of influence and operation along－ slio of it．It in well that National 1 gricultural societies should orgamse public trials of com－ poting implements，and issue reports of them drawn up by men specially selected as trust－ worthy．Their awards cannot fail of baing among the most weighty of the particulars by which the private judgment of a purchacer will be inlluenced．Wut it is very fortunate for him and for tho＂prublic＂－－wheh is onls another woril for him－that such official trials aro not satisfactory．Not that that word does not generally apply with a certain degree of fitness but that，as a matter of fart，sur li trala do not at．－fy．It in mly the Finst live man who is －staticl，and ho not always．Fofrylody else， from tha $1 \%, 1, \ldots 1, \ldots$, nownwards，is ＂nerer loath to bring these authorities to book．＂
We quote our contemporary as thas inevitably agreeing with us that，after all， private judgment is the better and the higher court by which the quegtion of merit has finally to be detarmined，notwithstand－ ing that the general tone of its remarks rial at Peterbarough is calculated to discourage any other assistance to private judrment than the official programam offers．The Marls Latee Frgirps does not inde．d object to tho farmers present at these trats haring bad the opportu－ mity given them of julging for themadver：but inderstanding beforehand about the proposed meeting that＂the procerlings are mainly advertisements，＂it resolved not to sond a reporter．But this seems to us to be abdicating
the position of a journalist altogether. In the first place - Why should a newspaper object to advertisements? And, in the second place, what purpose does an agricultural journal serve if it wrill not work for the information of those Failmers who cunnot be present. We do not sce that the writer justifies himself by the explanation which he offers:
"Inet us still more thoroughily illustrate this," he says, "by assuming that we had deputed some one to ally favour us wilh reports often act as judges themselves, To have made, then, his account worth anything, our representative would have had to speak out, to give a preference to, or to declare apainst some partioular performance, or some particuar motrienowh and so surely as he did so woud somebon
Well, but surely this is exactly what, in the interests of truth, we all desire! For ourselves, We believe that our oolumns are the most servicasble, not when the Editors have thun2 nearly all to thenteclres. but when correspondents, differing possibly as black and whito, are in fall tide of discussion.
We cordially welcomed Mr. Toeprfrer on one view of the Peterborough results, and Mr. SMITH upon the other. Our readers thank ua for the picture which has thus been given of
both sides of the shiel. Aud so may the reatlers both sides of the shiel.l. Aud so may the readers
of the Mark I, mne Frperess: for the interest of its article on the l'eterborough meeting rests very much upon the extracts which it giver from papers which, it seems, we had untrittingly accepted after it had refused to publisis thom.
One other extract, however, we muat give, Which is original. The contrast which our contemporary asserts to exist between the official
juilqment and that of any independent person, whether its own reporter or not, is very amucingly put. -
"When judges are appointed it is a very different metter; we are then quite willing to sire the lucky recipient ant tho bene itt of the decree in his favour, readers will allow that we have never been loath to bring theso authorities to book.?
Of course: Everybudy knows the perfect inde pendence and straightforwardness of the Mrwh Lance Express. We say so with the most cordial admiration of it. All we contend for is that our contemporary is nat very logical in refusing to give, publish, or promote a private davarsion, whach, on its own showing, it :tppears that tho
offcial reports, which it allow, are equally offcial rep

That part of the Contagious Diseases (Anmazs) Aot, which relates to the management of live stock when attacked by contagious or infectious diseases, has excited a good deal of interest during the past fortnight.
At the Nichaelmas Sessions, special, general, or quarterly, which have been held throughout the kingdom, the question-how to carry out the Act-has come under consideration. In most instances the magistraters have delegraten their powers to a general committer, who in turn have appointed local committecs of magistrates and farmera, whom they hapo draignated as the local authority to put the Act in force.
In mont of our cities and boroughs, also, the municipal authorities have nominated committhes to carry out the details of the enactment, so that the measurn, as it affects our home stock genoral operation throughout the country.
The firat part of it which
The firat part of it, which has beon in opera-
tion some timo, has boen already fully discussed. The regalations has been already fully discussed. pettled; and instead of apting hastily and inelf ciently, the Lords of the Privy Council have, as muttoo to cousider the whoio subiect. Anil romWith equally commendable prudence, have issued circular letters, ashing for information and auggestions for their guidance from various egricaltural anthorities.
Many of theno suggestiona have heen publighen. It is for the cummitteo to winuow ;and conncil may issue its ()rili rut, wh as to complete and perfect this part of the - let.
It is to the third division of the sulject-the management of our home-fed stock when affectod by contagious or infectious discaseadoption of the Act by the several Michatimas Quarter Sessions now being held in England
and by the municipal authoritios of our cities and boroughs. And we ask, What is the reason
of tho extraordinary dalay which haz taken plac in carrying into effect this portion of the Act? weeks ago we wrote, "the question is simply this-unless the powers
pat in force at once in every distiv whro there
is a local bench of magistrates,
not be, Where is the dtsesand int. Whare 19 it not? The loss on the live cattle of binrlatat should tho disease continus to brogtegs at the
rato it is now spreading, will in a roonth amonnt rato it is now spreading, whll in a month amount
to as much as would buy a small principnlity:"
This was not done; and hence, no duubt, i
great part tho nows of foot-and-mouth diveaso
tfter a dolay, during which the disease has hail time to spread withunt hindrance, it will be much more costly and laborions work to wield the powers of tho Aet cifer so wido an arca as nump requites their operation.
lorminsire lngislation is at all times unsatisfactory; aud to mako regulations which have an important influence over our foreign and home trade in live stock, and to leavo the agency by which they have to be carried ont to he appointed by an authority which is not bound to
 fair chance, and imburious to the putlic interent.
The Orders issued by the I'riry Council shoulid haro been not only inneratire, at the term implica, but also immediate in apreation. If this had been the cnse we should not have seen the authoritios delibcratiuf in Uctober on the
best mode of working an Act and Orders published two months ago. At the West Riding of Yorkshire Sessions, Mr. J. D. Denc, M.P. introduring the subject alluded to this delay, atd sad, "It wo hld harn boen a goor thing if tho Act hat benn earher put in foren: "ant wo ano surprised that there has not ben mone general surpiso expressel that a mequire whind
Wha demel ing it in Jhly has not been callow into operation, in onn of its nont important sectiona, till now, three montha liter.
All tho porrers of that section of the Act which rolates to the forrign trade ware put in exercise at once. Another equally important soction has been left inoperative for ten weeks, and has passed almost unnoticed. The results are
before ns in the prefente of plemre-previmonia, tatills in 1.14ny localitios, and in the almost rumberll flel if fot-and-mouth disease
 beef, and reducing the valuo of thousand of store tork from $9 /$. to $3 /$ empla. The eapital of then fermer has boen wasted, and the foud of tha consumer has been destroyed. To tho working man, who without meat cannot work, and to his children, who onght to have milk, the searcity which hat lueen thus created is $\Omega$ risitation of consequence, beyond money estimate.

- A runs in the downward prices of Wheat has at lensth taken place, and throughout the country the rise of l.s to $2 s$, at Mark Lane has been fully sustained
Oats are 1 .s, and Maiz? tind per charter dearer. F'ine malting 13arley is artiwely inquired after, at extreme rates. The trade in ljritich animals and meat is
good, but an unueually large supply on Thursday raused prices to fall to So for prr \& th for benst aredt trad
butaper In wonl a steady hismes lias been done, but not at higher prices.
the following letter on the foot-and-mouth ilisense andid the following letter on tho foot-and-mouth ilicense and
on the Act of last session, from Mr. . . R iNipIL,
of Chadbury: " of Chadbury:- While acting under the resent
Order in Council in earrying out the provisions
of the Cattle Disenses Act, 1869, with the view of cheoking the spread of foot-and-mouth disease, it has what we are to do, when, in spite of all precautions, it att rike nirr flarka and herds I have ashed one of ibe hikhest veterinary anthorities we have to tell me, for what course to pursue well as on my own acconnt, what course to pursue, and I feel sure you will will-
 me to pudith, If says. Simple remedies are much to be 1 ralerred, and in vary many cases nitrate of rate of half en ounce to a gallon, is all that is required It is, however, better that nitrate of potsh bo alteroatad with the sulphate of soda, given in the same quantity and in the same manner. The feot sbould be kept as clean as possible, and only the that a solution of the nitreth the kife. I bilieve alro pint of water, ia as good an agent as can be used in the early stages of the diseass: difutel carbolic ach the part, water 20 parts, may be requived later on,
adopted for the serquestration of the a
oattle excepting in their feet. toon o
therefore, all that will be required,
the same as used to the feet fon
- We direot attention to the a the Smithteld Club. The specifal prize thot
 shefp, abll the ahove aro an addain
C'ups and Priza, so that the bea the 1007. Plata and fyl ('an, Lise mone class, and a firld Mrelar to the breedel may win the 50 l . Plate and Pol. Cup, the in the class, and a S. Iscr Memal to the
entries will olose on . Tonday, Nosember
DUNNE, Chitef constable wero reported DUNNE, ohief constable of Camberino He mave details of seversl circe in pneumonia and foot-and-mouth appears to have been introd ucoit into
accordingly been summoned belmen Sessions on Tuesday, a return of the foot-and-mouth diverae mas precentad oy the Clerk of the Peace. 82 it first broke out, $2555^{3}$ cattle have ho Which 1859 recovered, 60 died, bivo by
 divisions are entrely free from the die worth, Warwick, and Brailea trates of each petty sessional divison Fism Diseases Act in the county.

$$
\begin{aligned}
& \text { The ILeroford-inte Society held } \\
& \text { ord, on Tucsday last, wheti } 20 \text { dre }
\end{aligned}
$$ Hereford, on Tuesday last, whet 访 sheap, horses, and pigs were oztabind tou, was awarded the $18 t$ prige, and Mr

 bulk, were i2ken I, SI ILARDSG, B The Rov. Sir G. H. Co VBTini K-year-old bulls Were tak. by entry was made for Lard latBurkis the beat lot of beasts, itrespechre the highest prize was alrarded to 3lcin M.P. offered prizes, the list of which ws Mr. Harding, and the $2 d$,
 old heiters, the
Mr. Wititams
of young steers

were of local importance only. Thus, ceived that the Herefordshire Socre fortune to find its funds and prin mented by the public spirili of geatlenero Many of the prizes for other anma, ${ }^{3}$ lead in Shropshiresteop, Mr. Day being a good 2d. The pigs and tho prize of $10 i$. Fas anssided to 14 huliow The cart stallion want of mprit ; and for the prise nim $\xrightarrow{\longrightarrow}$ Competition in fertilisers is, largely aduled to the proseut
between this country and the


THE Eale of Mr. Kearney's Shothow Kells, Ireland, came of on the bol obtained at the great Chilton ala Durham, in 1829. Sixteen of the coms (lot bulls are descendsnta o of Portia, by Cato ( 119 ) portrait masy be seer in the The matio ware
the heifers, the
two or three a
high. The 51
5 animals bulle 2.57

##  11 whit meve place to fen There are 43 ewese, and the-e    nat, Ir mee 110 ome eas   aul in tak he semanyard honours, hut in spite of ths iu any past sear. <br> $\qquad$


Iv the Times of Friday, Oct. 15, there appeared letter from the Rev, F. O. Aorris, which gave an account of the condition and prosyerts of the apriculgllowed that with care and prudence, and if blessed by showed that with care and prudence, and if blesser by
healte, he is by no messi so destitute of present
 Iolding similar opinions represent thum thit is of the
 ls, her week, nd at the larrest tine, when niw are Mcek for furr or live wechs, as well is therir tieat. At lic same tirue many marrived men take harret work
 and the rages whith they carn are certainly cqual i lie done at theere timee, I cas mention a boy of 12 yeurs




 Chttrge with a rood of land letz for il 10 it as inar



these su are a ratphe by mell who are ent her at prexemit agricu lural lihnourer- or hese ham - $f$ ir tho grentr
portion of their lives ; and who have made what money
 as agricultural labourers. Several own a couple of ul these binall thhes I suw I- ewes tuls autumu, the
property of man workiag as an agrioultural labotrer but whone wife and danghters mate something by taking in washing. In Beveral of these oases the orcuphers would gady take more land: indeed, one of
theni lias rccently tahen 10 acres of arablo land in addition to lits (irass, but I am rather alrad be mat The Claro swimza Bank, whot tiace

 tural laboarers of Loth sexts. Our sitiglo neatal sumen are astally hate 1 for firm sersho frota year to bear at the statutes at Martiomas. Fur many years I attenued as one of this luthaters of the sating batik on the marhet-hay 111 A shether after the ? carly wata are pabl, and I \& min, tharefore, peak from persomal expersence of the number of mate ablemeneagratilthral servanta who eame it that thme to depowit
purtion of thers wages in the bank Taey often commenco as mere boj : anti frris with a sovereifin, and increase the deposit carb year, nutil bs the time they are one or two and twenty jound mati wall hate sums
varynn from $30 /$ to wil, and womet. from 2ut to anl. Sime, moled, who are careful, mduntriou-, and hate rot satuations as furemen or shepherds, will hate very unch larger aums; and, With reasomable care and health, no young oulupie in this neighbourhood who with to marry until -a should hate less tam som.





At the same time I must confess that there ar
many enttages bere and in thats nelghbouthood whell
 ulty is io find tue i, mans to 30 it and to sonure diflretirn for themenes lat ont vans landowners fase




 ant whera would weld me it at a are it homb.
 have, permapa, come too ir, hz. in throwing together
 ave heen trime to gut men of leser rapital, with improfed mupenients, and a wher firh for agricui-
 nduatry wherg the lope of a smoll farm held out to ara a potident Iobritef. Ton often a small man hemeans, and has falled; but to commencate for this there aro miny sho hate startad as agricultumal abourers, and hy their orn industry alono lgre ratsed themselves to the clacs of comportable farmors I mus apologise for the pir stareme
 1)/ctorlu

TIIE STEAM CTLTTVATIOS CONTROTPRSY T'rme steam-ploughang andi ctomb-rulturatiog contro-
 aphe to at either a logiral or mmmerral test. The peinte in dieputt are those whinh belong to the less durect method of dranzizt. The one need not be lescribed, but tie otfer is composed of its two traction
 and firut enst in proplortion-tho former (weight) vary



Lho sitam has ita rizarons cham-


 de need not now enter, for fultwators are like and mosmong machomes-there 19 no lifiaculty about efttine at variety io do the work (, milly well, and therefore the whole mater resolice itad! into a questoon of wear and terr, and tha surroundug costs which orm otema in tinn balmee heet.
Sr. 太amth athorsis to the otnthy of hons, and the perform ince of wurla at the fite of 4 tu 10 acres par day, the cost being only to 8 do to per acre, accordsoil. Mr. Toepffer, on the other hand, attempts to iorms of engucs, lackle, or Keneral first cost. Mr, oopuer, however, studiousiy avoids any atatmors in bs cultivated by the expengive spplianoes which he advocates. He does not, indeed, tell us what he, as the representative of a company for letting out fackle, Clarges per acee for the work he does for the Lineolnhire firmins. is matlers noss stind, therefore, wo annet in leme thin adrait that Ir smith has the best it, both lopically and prartioally. in regard to the riter, Mr smilh has fir the bent of the argument. Mr. Toepffer, and the ntuer ardvopates of the heary and expensive syatem, make it a part of the monditions of heor aitimate suecese that small farms must be

 ais be so levelles 24 io be more profitable 18 m thenihe ait the same thine that an ofen farm is created on luaprifion of the protdemis engmes and tackle and atr. Tong trar sif conctutute the only correct Thu*, it will be permitaj, whilo Mr smith takes all
 are, caleuntiog oll the small teposand abrupt andufating ralles a of thoy exint in many parta of thas Carmer an the nery, Mr. Toeyffer awells on the condition in whech ought to have construmed, and nur lorefathers l3y then lime of aremument Mr Toy Trit risea all tho


 their humble position is peasants or 9-horse fermers Into these greations of soctal and politioal economp, it Into these questions of socral and politidal economy, il length. But Mr. Toenfer inadvertently raises these qurstions, althourg his "arkuments mainly contiat
of barn statementa. Is Mr. Toepfer prepared to provo the following noints - That it is necessary for a small plourhed at the rate of in or Barres day? That

 is he puls it, is pool ether for the tarnife or the mostake for rach small farmer to have i set of the lowpriced tackle, or for three or frur simall farmers to join and have That it is nom, drawing buts for the lirst embarrassed state of the labourmarket for large prembent
of men to be engaged for a fow weeks in wholesale culivation aiter harvest, with the certainty of being lef employment durng the wiuter? There are many employbuct dum whe other questions which sugzest themselves in this plage,
but is Mr . Toepfer prepared to answer these and work them out, Fith their usual surroundings, to their logical concluston
Withont destring to complinate this subject further, we should like to know whetber the farm labou question has not been reduced to this conditionthat farmers nows have to look unon their men, not only as to how much they are worth per week during
spring hoeing, hay time, and harvest, but how mucla hey can afford to pay them per annum so as to be able to keep them all the year round. It is rapidly coming to this position. If, therefore, farmers
would have tie services of their men in the busy eason, they must find employment for them in October, November, December, January, and February.
If this view be not taken and acted unon, there are many acricultural districts in this country where there will be no skilled labourers at busy seasons of tho year too, mirst bo kept to tho extent of a certain number On both the grounds, therefore, of hore labour and manuailabour, it is a serious question whether more economically cultivated with a small portable engine and the roundabout tackle and cultivators, than it could with traction eagines and tackle which could do from 20 to 36 acres per day. What farmer of 100,200 300 , or 400 acres wants his work done at the latter rate? there had never been any coasting vessels, there would never bave been any three-masted ships for crossing the Feas; and if there had never been any riper steamers, and Penincular and Oriental the mage steam packets Mr. Tocpfler, in those interests which be professe to adrocate, may take o lesson from these data. If steam caltovation be economiral and profitable, and at the same time firmers are timil in investing their and hifs fromeds can do is to pronote as fat as possible the small and in erpensive syistem of doing tue work of this country to be shown the elfect of steam cultiva"roundabout" srstem of adverticener sets will be a or the "Great Eastern" character of performance. This is not a matter of feeling or sentiment, or friendexpenditure and return of money on the outlay. If, therefore, Mr. Toepffer and his fryends trould cultivate the large open fields of this country, as the wolds of other counties, they will do and the heary clays manufacturing interest, but to well not to divide the


THE committe of the ScolliniMILS.
THe committee of the Scottish Chamber of I grictitrire having considered the communtation from the
Prisy Councul on this subject, have agred approval of the directors, to report, 1 a answer to the question-

## I. How a Sufficient Supply of Foom und Water may be Pro-

 I. In voed for Animimisis not exceerligh five thays and fivo nicghte,


















mittee understand has been under the notleo of the Privy



 plying lood and water. Such changes, made under practical
hnilders, in the construction of attle carrying vaself, Would
remove the canse of most of the unnecessary suffring animnis endure in transit by vesseit
3. The committeo are of opinion-
(1) (a) Passages from Foreín to Home Ports
a bef ro being pernatted to tako arimals on hoard. dinf andected, nary inspection, und noac but found animals, which has not conic into contact with animala labouring under contagious Tbita a log of animal health and cmanaltese during the toyace



 pea, weth sh ficiat stathan, and lreathing room, properly carried regutarly with food and water.
(b) Passages from ports in the I nited King fonn. Ag the cassages from ports in the ( nited Ning foml
 reasels is necessary, couis a simbar inspoction at tho port, cmbrakatiun and dehnrkation, and the rame onscquences $f$ ir
dirsegrd thereof ought to ensue. They also belicve that otheg rung diereof ought to ensue. They also belicve that
othay he induced or hastened hy overcrowdink and exposure to weather, and, in consequence, the and protocting tho avimals in in and supplying them ting
food and water, as guggested in foreign-going veaels, Bhould be observed and strictiy onforcer

## 

## oit droughta, and at the samo time leave neather and ahn The truek showld in every chace he roofe i, and should he

 thoroughly cleansed mad alsinfected, and none but healthy 2. Animal tralle ouyht to take precedence of alt other sas passenker, nud if cattle cannot be went by special train, thicy regnllitions na to stoppfng, startiong, and sununting animal truns as in prasenger truins ; and a way hill oninght to be kept
of erery lot, containing tho time and every incident of that

 destinntion being allowe to quat tho station of their
 mparted into freat Brit one or to be fare belioved in animals colort, nud the veterinary opintuns on which it was in part
The report is to be submitted to a general meetiog of

## 360me (0)rresponimence.

## Mr. Patriok Shirreff, of East Lothian, - I would ask

 Parth British Sharreff for a ciation of his great merits as a propagator of several ago the idea of irresenting i.fm wath a testmemonths taken up, but the tum hitherto suberribed does not scrivers there are the names of several eminent of sub. urists connected with the Lnt hians and BerwicksimEew persons resident in other districts of the Uninted kingdom have contributed; and it is intended to blose the subscription in a short time. Jranded pro prietors and farmers should therefore to subscribe, and thereby bear their testimony th the meritorious eflorts of so devoted a labourer in the field of readers mroving the cultivated cereals, Some of your readers may not know the services which have \&gricultural progress. Mr. Patrick Shirreft posecution o greatest portion of a long life in theandreff has spent the the interests of agriculture by raising our to promote rior kinds of Wheature by raising new and supelaboured so assiduously and devotedly in the bahasthe farm, should be acknowledged at acters
J. C. M.
Last Words on the Tiptree Balematis Mr. Mechi kept "cake, bran, and feedon wry feeding stulf, therefore whatever the shan kind of stuff upon the farm on January 1 ,
hay, se;" and there must have been som,
for starving his cattle. We have nothipa
will hereafter show) with the balanca sh
January 1, 1868, for the balance on Ju
73 acres of lyis whent, at 6 quarters per m
averago standing at firs,, ; but to makoth
again. -The total of $123 \bar{s} l$, Is. will gore
1808 represents $387 \frac{1}{2}$ ginrters at 638 . od ,
per acre. To do this ins quarters mus
The value of these sot ruarters stands 1
Now we must lonk to the Rivetts 5 ,
$310 l$. 2s. 6 d , and Mr. Mfechi tells us that
to 1 ass. of them. Tharefore I fix the prix
it 1 is of no use "A
解
is Mr. Mochi alone who can puif pert
point. This $310 l$. $2 s$ s. 6 d. represents 1322 go
quarter. To do this 132, at 16s. 9 . arom
gives a total of I10l. 11s.; to do this We ait
a lot of 1867 Wheat, and as I fixed the pontirt 8s, per quarter is is 3 d orer the therefors we must divide the liol aremy hent the which shows that $1.5 \bar{s}$ quarters of 1867 . ${ }^{1 / 2}$ pears it per quarter, are needed to make the Rinaze nrei Now, let mo look at the white when Wets 1 in from Eiks, to 'fils. per quarter of it. I suxf ere aid
 quarter, represents $2 G 0$ quarters; this neodske aren I quarter to make it up from ioss. to $63 . \$$ gusupiri a lot of 18 which Wheats to make this yp, wis as in over the average is ins 3d. per quater wion ha 1807 in the preceding rase, to do this 86 panasl.y whoch is 335 l , $8 s$ - per ruarter, is neded; burinz a 11 Red Wheat by striking an a werage het prot wh it 4 s., and the W'nite Wheat, af $\overline{5} \%$
to shand represents, at $\overline{3} 3 \mathrm{~s}$, per quarters 59 g
 I will fix a prico on tho lay, star, bras
corn, other thinn Wheat, sce, on thetarmoo $J s$
 will go in and strike the balance:-

Catuatton Jan. 1, 1809 -
Corri nid hay, de (thise 11)
bulauco- " over tho left"


the Red Whet ypt
Vatuation of haty, de.
"A nother Farmer's " halance of 559l. Gen JWernala, 1808, is of no tree against this balare od the Farmer "that Mr. Meclu's bulance-sheel mist must
 said at Gircat Braxted-" IIe bellered they conving of the farmers of England w1shed him good thecter t
he culd not conceal from himeelf that few, and he hoperd only a misled fow, mio tha a boun
see Ar. Mech, suept from the face of the world." Now I take it that thr m gh.t apply tiver theat ann, for I will not be maisled $1, y$ it, and icte the it "Mr. Mechi swept off the face of the
word World," but I do hope that has halance
may upna every positive proof. If they (azar noted) be better never pubhnh annitier. \#'illians Smalh tural a Bletrhey Station, Brehs, (Ict. 13
Steam Caltivation. -In jour impresiond you kiadly granted me space to make a Bell's Weekly. If thesenger, sixning himsell boy', having elosed hus correspondenee filled up the space kindly one will send us the hastory Mrere the cost
Mr. Smith's, we will kladiy gi quoted by Mr. Smith, of wishe to know His reply Gazelte, January 90,18566
with the beginning and ended with the eoding ther, but did not answer it, As the subjeot a been brought forward by Mr. Toepfifer-who Compsiny, must have considerable knowmers, and $\qquad$
$\qquad$
$\square$ cennoms aut eff utiveness, the prorressel in the tand-1:), or, as he remarka of Mr Cimpann only 2.1 ds to the comblicetion of the system adenuate squns." Itss he any reasion t Gavefte, and, in fuct, on many forme
Has he any knowledge of Mr. Charle idence, as brought forward by Mr. Smith? him Fill say, "ret us have the particulars." Septamber 18, is desirous of knowing if th of a traction enxine being used in the wagrecord. Has Mr. Toepffor any experienco on

## Raming

Whether old Mangel reed tonds to run, I
that a large fifld of Mangel- long red -hall from Frenth seed boughtas new in winter 1868 , Tilmorin \& Co., appesre to have run to seed on
otsin equal quantity. Richard Binme, Ulversiom.

## Foreign Correspondence.

## From the Canada): The Provincial

 averaye of ferme orops in this province eere are a fevs seotions of the country yenra an, in which the midge (Whest- $\boldsymbol{f} y$ ) very destructive, and in other places theire been
> ultivetion.Will
Weing 0
The yield of Wheat, in the
$m$ mation.
buathels.

$$
\begin{aligned}
& \text { corysionall } \\
& \text { onts in }
\end{aligned}
$$to 40 bustiels,

increasing
A

$$
\begin{aligned}
& \text { ocoasis } \\
& \text { Oats }
\end{aligned}
$$

amphers au acro. Barley
The oulture of the latter i
large portion of the crop
$t$ duty of
the Atlantio eford world on the western sine of theGoo. Buokland, Bursas of Agrionlekre, Torouto
Ootober 3

## Farmers' Clubs.

Tho Agrienllural and Toson Labowror.-At the last meeting of this olub Mr. Baker read the following paper:- I think I may say this subject would not have been thought of had not a stixma been cast upon the azri nithural labourera, br somanembers of a eanference held in Immlon, at Willis's Roms, to "onsiler their position. It is nat to be winderel at that tho town labourer should be ensiderel the batter of
when man talk, as though the country labourer When may talk, as though the country labourer
belonged to mice of mome inferior beinge, when at a belonged to E Ftace of mome inforior boinge, when at a
conforence shey were spolen of ss "helpless and downconiden and depresserl," and as much too "helpless"
trodidell
to help themselves, or possess any independence, on to help themselves, or possess any independence, on These are some of the emithets mdulced in by some of These are some of the enthets mdulged in by some of wh, if ther had taken the trouble to extend their feserved by our rural than our urban population more We mor 1 mor to the wrop polat
We wil now come to the question of wapes at the present time, and in dong so I shall only draw a enmpr. labrouring classes ini our towns, and shal. deai, as ruln, only in ennpral terma, and apnroximate as near
ga $I$ can to a farr view of the two sides. Ifind that in $9 i 7$ ollr romatry weekly labour waye was 1 is per
 at the least, take the average at $10 s$ per week for the
last three years, and the unskilled labour in our town last three years, and the unskilled labour in our town pnpulations from $28.6 a$. to $15 s$. per week, or $\$ 3 y$ an wage is of or 11 a, and the town labour 1 lss. or 15 s.. it positions to each other. I contend, and I thsok I shall be able to show, that although our rural classes, as farm labourers, do not receive so much in a weekly moner wage as town labourers, yet with their harvest and other advantares, ther more than equal those in the town. Atroncst these advantages is that of haviag a mintave gurden, in wheh, as a rule the ran grow a
 det sulument hedzestuff with wood, rost, is at r mish town labouring classes have to pay for in hard cash, and to this we may add the little itom of slonning ourn to the country labourare advantage and account. Wo
wifl not gay anything mbout pieco-work, and the additional earnings made thereby, with the exoeption of harvest, which is a material addition to the weekly
 weeks per man, it will add the 10 s , to the 10 r . per weok,
 I have spolen of, and which is not to be picked up in the streets of our fowns, is a nice little adjunet in sid of the neceasaries and comfort of our rural fromtage
homes, and I think, whan we have heard of from 2 to homes, and I think, whan tre have heard of from 2 to
4 bushela per cottage betag gleaned, we may farly 4 bushela per cottage being gleaned, we may farly
ansume 8 busbels to be about an averaze, ant, by assume 8 busbels to be about an a veraze, and, of

 frequently emough to be worth 1 a many rises tid per frequentry enough year; nor can the urban la houlper

1 of all descriptions so plentifully and well for $6 d$. per 1 Week, an the cottager in our rural districts can from bis own gardet, an this, added to the atove ed, Forth wees. Then there is the difference in the rental of the cottares in town and country to be compared, and bore we stal! tind an important difference in favour of our rural and agricultural men, 10 our country parishes they vary from is to is isd per week, or from 2l. 12s to 11 . per annuin, whitst those of the urban or fronn 5l. to $6 l$. $15 s$. per year, which in the asciculturel cleas will pive nin sternge of 31.5 S . and of 51.17 c . 6ir, for the town classes, or an advantase of 18 . por
week in fasour of our country freads, whirh will russ the 13 s . Id to 1 ls , 1 d per week. Nom, in strising a balance betwoen the two sides of the
question, the calculations as above will stand thus:-


## Fifty-two wooks, at 14. por waik <br> 538 <br> $\qquad$

$\qquad$

## Balnyeo in favour of country clama

But, to make it quite clear, I will take the above in another way. The farm labourer will get nearly alt the wood fuel he requires, and he will only spend ar per week for coals arainst the cown labourer who will have to buy all his fuel, which cannot onge loss than ner week for kindııg, coalg, and so forth. The dip ferecce between tue two classed will then stand thus:-
Agricultural labourer,
Connery Clarn.
48 weck at 1


Fiftr.two weoke at Yoter par woek 228170


Balanco in favour of the country labourer

Sow, thus far, it is quite obvious, comparing the two friends need not feol at all humilaut in labouriog with their toma compeort, for the paroha comparisot War couatry olass, even takiog thom at the average Whre of $10 \%$. per week, is quite equal, if not superior to that of their competitors. But if we take our horsemen, who, as many well know, earn from 1s. to 1e. 6d. and is per week ahove the other men, the comparison is eren yet more on the side or the rural class. Besides, nie e-work than by the day, and many thus, with hreann dran by the day, and many thus, with earn from $\& l$, 10 s to $4 l$ in addition to what I have earaculated, and which woald increase the balance in calculated, and which woatd increase the balance in
we will chmy fiead b. that amount
We will just lonk at the phesical and moral condition of the two clisec, whach may be very well iaken into usht , and 10 not hima our azricutural labourers can see with sugnatsed as a holp est race, whea wo and the pon rearet taat their fullow labourng classeas, in a dreadful the large towns, are, in too mayy casea, readful state of poverty, squalor, and wratohed-
By thar overcrowding they become a debulitated and degenerated race, a state of thines which bappily amongit the rural classes the no parallel. From what is stated by an able wrter, Dr. Stallard, while writing of paperism and the poor and labouring classes in London-wheh town he looks upon as "a magnified representation of all arge towns, - it would seem that the helpless dependence of these classes is so rreat that one-sixt of the mopulation in the firat half of 1868 received parnchal re,ref. Speaking of the Holbora

 he vaya, "withoni Ras of conatradiction, that there is fit for masitive male adult in Bethnal Green who is armfort to low." A very large proportion of the "debility

## stamias in a to lado

 The stro hata Ar. Bryson, the town surveyor of Newnastle, the worlcing ens the want of good accommodation for the working elasses. Mr. Eerrugton, the registrar, writes tunt mayy of the houses ho tho overcrowded This is a representaren of him a represeduation of the state of our large urban abouriag classes, who are often huddled together as referenco prga sorne of our mot purel- agnitural classes in proved by the lRegistrar-Geoeral's report and are behnad some of the reat maulusturnt, not at all contres: for inctance in Westmpeland and miniag marriert, the men signed their nameland, out of those of $8 \pm 1$, and the woinen 852 anes in the proportion in Rutland was 79.0 and 87 er 100 The proportion while in manufoturing Lancashive the respectively76.8 for men, and 56.0 for women per 100. In mining and manufacturing Staffordshire, it was 64.8 for me and 5 号 3 for womed 80 that Laneashire men are behind Westmoreland nearly 13 per centin and Staf-
fordshire is lower still; but if anyone will take the trouble to look over the Registrar-General's report, he will see that the aprocultural and rural counties and distriets are equal in their intellisence with the boasted superiority of the urban population in our manufacturing and trading counties.
Then again, if we look st the question from a senitary point of view, the position I maintain is still carried out, for I ams sure our country labourers are quite equal in health and robustness to the town labourers; and, indeed, their position is far preferable to that of the town labourers. In many of our rutal districts I find, according to the Registrar-General.s returns, the destas are annually from 108 to 17 for
each 1000 of the population, while in many of our each 1000 of the popuation, while in many of our diference in favour of the country of from 6 to 14 per 1000. I am sure, if the question is looked at in a takea into account, it will be admitted that the bountry labourers posithe the air, and live in a bracing atmosphere. If man working in the fielde is compared to one working in a factory, one perhaps even situate in the midst of a rural district, a vast difference will be found. I have been struek sometimes by the difference in the appearance of the two, although occasionally they are members of the same family. The labourer looks robust, mealthy, strong, and hale, while the factory hand is pale, squalid, and languid; and I believe that this is the same throughout the two classes in all their varied ramifications. At the outset of my paper I referred to a conference at which men who might be presumed to know
better-such men as Professor Fawoett, Canon Girdles-better-such men as Professor Fawoett, Canon Girdles-
tone, and others of that stamp-spoke of our labourers as tone, and others of that stamp-spoke of our labourers as
being down-trodden sud helpless. But there are being down-trodden sud helpless. But there are
instances in our locality to whick we can point, of instances in our locality to which we can point, of
men now occupying good stations in society, some of men now occupying good stations in society, some of from the ranks to be substantial occupiers of land, solely by their own industry, energy, and perseverance. This proves that these men are not slaves, but that they feel, in common with all Englishmen, that it is thair duty to aspire and their privilege to oxcel.

The Chainmav: There is one them whith Mr, Baker did not include in his calculations, and that was the ailotmanta, acT

 tioned, and he would atate frome exporience of three years reeldence fir that town thoy would find nowhere atronger men, that and an cleang en he could wish to see. The poople


 placen in that very town (Lavenham) which were not flt for a jig to livo in. Then, ngain, he did not think it was fatr to country, for wherever largo manufactories were carried on people would bo ture to go in senreh of cmploymont: some were raslly starred to death. Ho th ught the corntry places deal was said about drainage, but bo wis persuanderl one of the great causes of ilness amung the culatry pepple was over-
crowdiag. Hu had heen nito houses where the father and sunther, funs or firc grown up boss als: 1 guls, and three or fulur chidren, all slept in one ruom,
Mr RiNDER sand be was ature tho (hairman wonld boar him out when he suld that Lalf the workmen did not deserve nice reapectalle cothages; they tore down the sturcasea, and broke up the shattere, to uso fur firewuod There really was able cottages. Mr Visce raid it mist be bnme in mind that thero New.
cantie men, who were siseken of as being so strong, originally
 The Cratruas eald ho must dinagree with Mr Buker, for he Fiv. REw
 regard to " ikes, Le l. I taken the thouble to look thirdigh his
bouks for the fist year, and he had taken three men sa

 That he gaid wras true, The hornoman'e book, and prove that That, he said was tiue, The hornaman's waces for last year-


 that end was to pist that worle oution, the the ply way to attatn
defy theme of opportunitías to go abour. Their mea were offered plenty
 which they conld undided attention to the beat mannor in Which they conld get theff labut
whicls he could
means that thin was
means of plece labour, and the
maid about tho ren
beyond its area his healtiy cottayes were let at ls per week, many of them with capital gardens, which of themselvas were almost sufficient to raiso vegetas in bo comfortable a pooltion as the provident man
No man was
in a rural distriot, who might earn, ₹ear in and year out, $15 s$ a weelc. He was much more independent than a fown
luluarer. As far as his exparienca went durigg the last few
ycars, if any of his mex wanted a day they had it. Some of huluarer. As far as hia exparienca went an mad it. Some of
ycars, if any of man wanted a day they had
the bost men would come and say they were going to take it,
but many of the men never sald a word about it, and he for but many of the mon never said a word atout prevent them
one ahculd never wish to mar their pleasure, or prever
enjogine themselves. enjoging themselves.
Mr. Yin F Faid he cotad confirm sill that Mr. Erwhing had
said about tho wages earned by the men said alout the wages earned by the men. He preferred enuploying the bebt man he cour get;
near Bo nuoh looking after as the oheaper sorta, It was abso-
intely necessary the they as farmers ehould put out as much
 they gut more labour for thefr monay. He had been a farmer
for 3) yerry, he had sivent a preat deal of timo amongst

 wages they wanted a great deal more looking after, and there
baid los wors done. Fo did not agree with what had been asid by Mr. Baker and Mr Hawkins about the gleaning and cottage gardens; he rid not think garien would supply anyyear: but both the kentlemen he had mentioned were prose.
tical mun, more so thin hinself perhaps, and ho could bear then all out in many of their utuservations.
Mr. HAWhisu said when ha lived at honoe with his father he remembered one harveat their horsemaa's wifo and family glenned four coonibs of Wheat, Whidh wha worth at that thme
$95 \%$ a coomb. As to the gardens, he knew for a fact thete some of the nion living in his parish grow nosarly vegetables Mr Bummal tbruglat the question had not been treated in tho right way: Tho comparison must be Imwa between the
unskiller labourer in town and contutry, skifed labourer like cul, zers onght not ts hive been menti soed The dafference not, he thought, be put higber than from 3n to $4 x$ Did, then bulatee the diference in wage? In Lin iffann it dil Ife thonght the eommtry libmirer wis in a hetter positi in to
 oxaggeration, might br fuit it I per week The in in In the
 London, and whose wages were $1 l$, a week, heving to pay 6 ,
week for two rooms, and those not eituate in a remnricably pleagant locaity, or having a basutiful prospect from the
windows, Them the harvest, which he hed not calculated in the dufferance of wases, made another addition of $1 \%$, tir, pr week. As to the allownace Mr. Baker had made for fulel, he
thought as a rule the bonefit did not nearly npproach that

## sum. <br> Mr. BakMr: I know in many casea it is worth fully that. Wha at a disadrantage was in uncertainty of emajluyourent whioh he certainly thonght emounted to be. par



 adrane all the ge items
tage the town luberure
the abupe of
credit to the conntry people than what whels to tike Thor their ilincoseas, and other roquiremonts, than those in the town, In large manufacturfig diatricts, the labourers were
always called " hands ;" this was all their employers looked to ; and when thelr hands ceased to be eble to eam money then they were n. more use t. thoir mastere, illid they dif
not care where they wont to, or whint becatne of them Ho
 man's nisacryations, Mr Pid lell quid be really did not mean
to conten l that the inhalitanta cf tumob wery plysically finer men than the country mopulation. Tyme Chaikyir. Br. Baker mentione 1 Neweastle-upon Tyne, roul I neans to may that b, il cuald not wisla for a finc Mr Yisf mell saffl the re was up
Guairman had spaken. He khought that that eval existed to
Mr. RiNDRR: And to a graster exteat.



 shme reauit, wifhlit a pound of two. But the beat answer to qelves, for thoy could not be finduced to lesve the country fo tho town, so that he thought the concluston they must come the wages of the two than 4se, the country laborencer had meen in parishes where there were no schools, and the manters were not vary liberal ; but otherwise ho did not think a man Cir. ifathivy said in hir opinion the labourers were nover the labourer to employ whe wow, and while and family.
Hr . Baker proposed, "That it is the opit
Mr. Bexpr proposed, "That it is the opinion of this moetiog, gutelk is mperlor to that of tho unsletited linbourer in laygo
accunded the requlation, whell wat vartien Mr. Barese said that the question of ekilled hiveir in town If conntiry had beon mentioned that evening, and of coursee field for diferuesion, but ho believed the poaltion he bad taken with reforence to unskilled labour
and it wonld not anas and he rezth. a week, but ho

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## Fevarterly Fowrnat of Science, F.R.S., and H. W. Wod. Croke, P F.R.S.e, and H. Wood ward, F.GS, Samuelson, Editor. No, XIV.

 The present number contains napers on phenomena of opais, ns coal wasting esources. There are besides these the wis Th fcience-and we shall make our sonu-tor here 1s a detauleal report of the Bethinil of meeting at Exeter. The Whole 13 a pea ment, which ought to find a special "=x" bo $n$. parmo country readers. Mr tuer meme', iscovery Fhich are posegesed by tome The following is the page of agneultaris Which the events of whe past qu"A good harvest month has somerlat
rain produce of the year, whioh, form very muat crop, is considerabiy belon mo reat agrianltural meating at Manchetern reab arine monufoturing popnitam ant: han they before possessed of the rell the relative position of the food mindin the other banaufactures of the oomatry. colleotion of specimen .. and the immense collection of amprculens. mich Hanchester spectal to sivg the m. M . he egricultural body bad contriloted grat? o that ideal of eaergy, promplisude, pen

In the Parliamentary seasion jate C portant agricultural measurres bare which assumes, properly enougb, thas of which assumes, properly enougd, bas ing. of opinion on this noint exist, restrictions on the trade in
as shall hander the $u^{\dagger}$ ruride on of infection the latter inflicts frisil. ic on any ace whos berome not fraudulent purpo for remedr
 plement. Better teach is great comernel
ability is an woll illu-trated by efen gnatim

analysis of seeds, has lone been 1 filicient protection siganat framd in by muro market; fut much per cent of pate camnot be depended on for any tos Soluble phosphates do under certana ant back into their original chemumal concinis. lapse of time: ant a recent hav des mors. ? 18 or 14 per cent, whliout any besudes those of lime are nownis sion $u$ use as much siop of the makes soluble in water becomet the auperphosphata itself, or solution ia nost entirely lowt the promatarely takes plave docs it fioely divided condition of the in the soil, not the

## the immediately fartilising

dopeads subjeot of thin endins deal of attention lately in agrioul acte seems, on the face of it, s 180 on avery acre, corresponding to absurd And no doubt it is re: majority of cases; neverthole
the srithmetiois, but for object is to get the greatest the Agricultwral Garette
sowing 20 or 30 seeds per harvest monih, w
will receive durang af 11 s foily and shath then In prartice thong alintity of Wheat are unw eom, motly sol of personal interest which during the past quarter, we na
of a memoir of the late John of a memoir of the lato John
inafuence upon agricultural progress it will mate－
help to maintain．The labours of Mr．W．Smith， stum an the pinneer of stenm cultivation，hase M．Dumas，the distiogushed French chemist country，and notably to the experimental form Lawee，at Rothamsted，and to the sewage farm st once to the long－continued and Lawes and Gilbort，in the domain of wath，Messrs．Lawes and Gilbert，in the domain oi of agricultural practice which is zepoiving 8 o Company．${ }^{2}$
ook of Hereford Cattle．Vol．VII．（Hereford： Street

Duckham has issued another volume o ndbook of Hereford Cattle．It contains yreas of 731 buls，from No． 2906 to No． 3696,
bout tho ato berds and breod the prize lists sinue the last issue：and a report leoture on the breed，given by Mr ．Duckham
e the Brecon Agricultural Society． re the Brecon Agricultural society， notions－s pamphlet which he circulates among suctions－s pamphlet Which he oiroulates among a of his business as an auotioneer in ooanection in the breed．The prosent aumber contains some antriee，and we quote the following notioe of how The Herefords have done extremely well；in fact could hardly have done better．They have had no
than ordinary fair keeping，and yet they are in re toan ordinary fair keeping，and yet they are in
andition，and their coats are very fine I have doubt that the Herefords wrill yet be the stook eany keepers；and I have no doubt will stand a fire winter，and como out aluead of the Short－
oner d dispruly ns possible，being confl There is now uluost a mannis through o favour of the Shorthorns，which I am
are a noble and valuable breed of cattle：
adapted to the are adapted to the luxuriant pastures and imate of Kentucky，rather than to Michigan．
e seen my Hereford bull VELYET JACKBT，
$r$ two en，Now I am obliged to feed o seop him in equally good condition． where peeat is the object；but for a race of cattle I have no doubt that，in
Hereforda will prove unrivalled．I to give the Herefords，Shorthorns， trial，both as full－bloods and grades，
permit me to carry out my original

## Farm Memoranda．

SHxpe，Boyne Disrrict：Oct．18－A liong a remain out jet，but the crop was generally in b．ut Sepiember 1 ，aud quick work was made in ating down of it cutting Fith mathines being and the geythe the exception ofivery kind of
boing tried，but the manutal delivery by Brip－
Bidearton siakerton，Berwick，seems to be most in
and excellent work has been made；I no one could toll how much it has cost them it as much as 12 agres a day has been cut but very little was carrice before the rusted in bad condition，and a good deal sprouted in the stook before it could be
ition for cantying．Some of the stooks stood thau a mornath，so that very of the stooks stood
fine samples
 an a to po throuth the country a person
h．thie estimato of the bulk of the etok－ of have wood in the inside of them．A
it has been heated，and some，we believe， thre－hng－machine and thesh out a great
anl－end it to the market，whioh has taken indideral．y．
th did sty much harm to the grain orop， ear：walrey tor the Turnipy，and a been．Fery fem of the
$\Rightarrow$ arn then mp ret，but they appoar to be ras emph and of excellent quality． an whe of foot－ind－mouth disebery arean the the il the marchinery of the Contagions Disoases hon sit 10 motion，while stonk are mostly all for the chatock．A good ferw bullocks are
chitraire will stand show，and we have no
its ground manfully as
the atubble fields intended for Tarnips；the wet wouther keeping back the Wheat gowing；olay－land is very or many years，and，in consequence，low－lying fields are atanding in pools
When the weather oloars up，Potatorlifing end Whest－sowing will be the pressing operations of the must worls and wit．W．J．

## The 引oultry Yard．

Ws recollent，many years since，when geese were supposed to belong to Lineolnshire the fenny parts of Cambridgeshire，and places where there were extensive goose．We bolieve the first who said so was a Wag and belonged to the society where they said that in an ajjoining parish only one bell was rungati wedding but all were tolled at a funeral（there was but one）． That at another place you must be careful not to tie your horsa to a tree，because it involves a fine of $100 l$ ．
（The place la on the zetshore，and there is not s theo．） The place is on the setshore，and there is not a theo．） but if it be Grass，the truth is the goowe leaves nothing the ground．We suid a short time since，when speak－
mag of Miuhtelmas，that geese seemed to be out of peason at that time，there being lititie or no demand．
The quarrel is not，however，with the bird，but with The quarrel is not，however，with the bird，but with
the reason．Where one goose was eaten at Christmas 40 years ago， 100 are eaten now and they make good prices，provided they are larke．Poultry in general is
however，fast becoming a trade．The geose that used however，fast becoming a trade．The geese that used
to remain the property of the breeder till the Barley to remain the property of the breeder till the Barliey
stubbles wrere ready for them，are now sold when few Weaks old to a travelling collector．Such men go about Ihe country where there are commons；they go to geese they can，and brina them to Enaland Stratford anjoyed almost a monopoly of goose－feeding for many years．A tale is told that when Oats were very dear， there wha a meetiug of coach proprietors ait Romford
to consider the price．When they had hailed all their acquaintances，there still remained a man in the room Whom no one knew．They looked at him and at each
other，ihey courhed significantly；at last they begred other，ilhey coushed significantly：at last they begged
him to leave．He said he fhought it was a meoting to conaider the price of Oats．＂So it was．Who was lie A goose Cesder．＂The announcement was received With sloouts of laughter．This soon ceased when he
showed he consumed many more Oats than the largest coach proprietor in the room．Those days are gone； the coaches are bocome thinge of the past，and the goose－feeders have gone to Lincolnshire and Cam－ evary mile was of imporkaroe，on account of coast and
time．New the iron horse＂gnorta his way，heodless of weight or spead．
We suppose it is natural for men to grambio．I prevents milk that travels up 100 miles，and is then dis－ pensed by unquestionable cockneys，clad for the oceasion in white smook frooks，is not so good as that which used to be carried by the strapping milkmaids，wearing their shiny leather ankle－boots，and notorious for their gally－ brourgt to town in lones skeleton carts，while many can recoilect，durin．the Strawberry season，a line of fust－
walking and gaily－dressed young women，each carrying o large round basket on her head，flled with Straw berries These came about every two houra，sand supplied the principel dealers．People say they were better then than now．All this is to end by saying that in our fast－living days a man can hardly alow himsel March or Apeil，he themefore sells his zosling to the ＂foeder．＂
Many yenrs ago the distinction was so marked，that in the market they were known as＂country＂and fisoder＇s $s^{3 \prime}$ geaso．There is now little need of any egitimato farmers gosso－the stubble moura over the bird of the tribe is as good ；no other feeding made so good meat．What a depth of breast，of rich，juicy tender，sueculent meat！What fiavour！Such an one eater，with Apple sauce as brown as itself，and leaving the question of stuffing an open one，would go far to make us wioh there were at least one Michaelmas Day every week，and that，eschewing the modern style，
had an old－fashioned stubble goose to keep it upon．

the London publio are condent to pay 7 s．．ead 8 ．（or
pair of apring obickeas sbout the size of partridge，ant pair of apring obickens about the site of partridgen，min of Poultry are the Dorking and the Bramub Pcouts the largest dead chickevs betr．At Cuson uver saw wero cross botween thase breeds AL Cuslasford show last
year Mr．Dowsett carried off buth prizas for chickeng，
 and 16 lb． 9 uz．But of people were sathfied with
plump，richilavoured checkus，weughing about $3 \frac{1}{2}$ lb． each，they could not do better than keep game fowle With regard to ducks，the Aslesturs were the beato
Mr．Fowler has extibitod nome Weighigg 18 畐。 per couple．The best food for fomls is Barley and Whot barley－meal and oatmeal；and for ducks the beat food is tallow greases，soaked or boiled in hot nitar，and then barley－meal and bran mixed with them in the liquor altogether．Grains mixed with barley－menal are Fery good，all whole sorn given to ducks ahould be
thrown into water．Oats thrown intos pan of watar Whole are the best for geese．

## Mincellemeous．

Denth of Mr K．Alvationt，Jw．－Wa Yery much
 Coekoroft，on the body of a young geatheman nemed
Henry Strafford，of the Civil Service，who died on the proceding Saturday from injuries roceived in a ooel mine．From the evidencoit appeared thet the doceaned， together with his friend，Mr．F．Vine Rainsford， Swedish engineer，and the obief viawer＇s son，under the care of four collury employés，made a desoent down the West Bleekburn Pit，when a roof stone，coming awhy struok his baok，broke his thigh－bone and foot，beside causing other injuries．Mr．Strafiord made great progress towards recovery for the first weet，but then change for the worge set in，and the unfortunate Yenteman expred ob Raburdis，Ochober 2，at Camboise Vicarage＂here he and his friend were on a viat Verdict，＂Acondental Death．＂He was the only ton of
Mr．II．Btraford，of Euston Bquare，the Bhorthorn auctioneer，sud Was well known member of the London Athletic Club．

The Earl of Roselyn amd his Tenamtry．－On Satur－ day evening the Earl and Countessiof Bosalya enter－ tained their tenantry at j）yzart，on the oceasion of the birth of an heir to the estates．，The noble ear，in
proposing＂The Dysart Teuantry，＂aaid that they were proposing＂The Dysart Teuantry，＂anid that they were
seoond to none in Scotland in point of the antiquity of seeond to none in scouland in point of the antiquity of their holdingg，ms well gs second to none in prosperity． good understanding between the Iandlord and tenante It was owing to the fact that the landlord and tenants
on the estake，if they had any diferences and dificul－ ties，hat eare topelter．Irue lundird had ulways been cocessible to the tenant，and the tenant ready to heor
vuat the landlurd had to suy，aud between tnem，with－ out any recourse to third parties，they sethled matters amianoby and pulled together well．They heat that the
newspapars of large eatatea well managed，aud yet the newspapars of large estated well managed，ond yet hypothec on one side，and the game damages on the
outher，and 50,000 things rising to diatraot the amioable relations between landlord and tenant．As amioable relations between laudlord and tenant．As the law of Dypotiec，it wis so simple，and eutiroly a maver between man and man，that he could not under－ al Thay party trying lo wake it a political question a all．It ha nothing to do with poritics．It was a law which gave the lanjlord the first clatm on his farm dit this momeat the question has complicered with a great cry about tenant－right in I reland，and the great cry about that at this moment was simply because the ribh bad nover had leases．They had nad holdugs of lands without leases，and if a terant speut any money upon his fartu he might be turned ott，especially by a vpricious landiord，without gething compengation been ag could be more uajust or uniaird have had rebellion long ago．In this country，however，is had always been the custom to have leases，and he hoped but mely that he should have s security for hat back rent which it was the custom to hot 12 sooland，aud wich enabled men who misa which otherwise ther would be unable to stook．As to the game question，he mas quite gatisfied of thits hat if there was an undue propsrtion of game on knave or p fol who did notremply it How could d men maintain a farm and be expeoted to keep a large amount of yine？He could not underatand that for a moment He，for one，deglared thut he would destroy every szagle head of ground kame，if necessary，rather than that his tonants should suffer from their trmeres Bu Would ba sure there was not a man present bu and could not get a shot at a rabbit or a hare．Common sense and fair play was what should prevail in a matter of this kind between landlord and tenant．For him－ self he proposed after this term to give his tenants the
right of killing their own rabbits．

## Calendar of epperations．

October Man rel haroant gonerally takes plave about the end of October．The crop，should be pullied rot in the pits or barn．In tailing no it is liable to removed than the amall rootlets no more should be removed than the amall rootlets and earth，sud the topats are generally stored in pits cund off the bulb．The roots are renerally stored in pits and barns like Potatoe hurdies staffod with strams in narrow bins betwrean
thiokly thatehed with atraw，and the bins are placed alonggide esoh other suffieiently close to keep out frost， While they let stosm out and air in．The tops are generally ploughed in for manure．Dry sestled weather should be selected for the work．
Autumn manuring for Spring Beans．－－The operation is simular to that for winter Beans．During this month farmyard manure can be carted on to the land without doing oomparatively any harm in dry seasons，and in wet ones what little harm is done is greatly rectilied by the winter frost．It is otherwise in early gpring and besides the carting，when the manure is spplied and besides the carting，When the manare is apporine the drills are in a better and more forward state to receive the seed in spring by dibbling in on the winter made ataple，which forms a fine seed－ bed for this crop－ nawly cultivated．
Parsmiper require to be eariy sown in spring，by the middle of February，and as the land can be more eusily manured at this season，it should be done．But， apart from this，the Parsnip is a plant that requires the manure to be thorough！incorporated with the land before the seed is sown．The land should be a fine deep， dry，friable or sandy loam，deeply oultivated，and in a high state of fertulity，The land requires to be deeply dunged in the uaval way，and in covering the manure the drille should be well ridged up to the wioter rrost or if the intention is to sow on the flat，which is gene－ rally the preferable plan，the manure should be care－ fully covered 4 to 6 unches deep
Carrots－The Belgian and common field Carrot require the land to be cultivated，manured，and prepared for them at this season as above described for Paranips．The former is grown on a greater pariets or description tat on land that has been manured bou grow more reel．
Potatos．－Many manare the land at this geason purposely to improve the quality of the orop，likewise for getting the earlier varieties planted in time in gpring．Cultivation and manuring similar to that for Carrots
Mangel Wurzel，－Some apply farmyard manure at this season，enther on the flat or in drills，and then artificial manures at the time of sowing．Manuring at this season is a great relief to epring work cultivation，
Steam Ridging and subsoiling．In all the above examples of autumn manuring for Beans，Carrots， Parsnips，Potatos and Mangels，the ploughing，smash－ ing，ridging and oovering the manure is best done by ateam，and where land requires it，it may be subsoiled at the same time．After the land has been cultivated inches it the furrow slice upside down but at the commexice－ ment of steam tillage，wben the land previously has only been ploughed to the depth of from 8 to 7 inches by horse teams．subsoiling for a fary years is preforable to turning up the land to twite the old depth with the plough．It may he smache up to turice the depth debor than the been thoroughly furrow．But after the subsoll has selts either oxidised or washed into the subsol or through drains，the land may then be ploughed to the proper depth at this ceason．Over a larre area of cootiand and the north of England all the atuoble lands for the ensuing green crops are ploughed to the depth ond we have foliowed the same by four－horse teams， donshire with equal surcess，But，at the commence－ ment，the land must either be subsoiled for a fesmence－ ment，the land must either be subsoilend for a few years， or than 2 inches deepening done hy degrees，not more than 2 inches of the subsoil being hrought to the surface at a time By steam，however，the work of deepeniag may be done much more adrantageously by a subsmer beluw the common plough or ridge plongh．Thus，in opening the ridge furrows for the manure，the ground on which the manure is to fall is aubsoiled；and，in covering the manure by splitting the ridges，the open furrows are subsolled，leaving it in the best possible condition for the successful winter rainage of the jand．
Xive Stock－Brood mares require double attention dition naturally，the foptus now bogins to denwheavily fifnily revanis sumpance of the body，more eapecially
 and their symmatry bonaty，grow th will be checked， twice the food saved will not recover the lons and tained，is a true one Afler this meacon what the gather in the pastures is unft to support them they door exercise 18 needed，but the essentials of the dietsry must now be supplied indoors；and whatever the before they they should have been tanght to eat it
Milch cows should now have plenty of mreen food Vetches，Cablage Grasses，where they can be pot，and Vetches，Cabbares，and Turnips．In our monthern comnties they may gather romething daily in rich hastures－in thenorth，very little；and with such soft food hay，chaff，and mesl mixed should be ziven．In short， milch cows are now gradually put upon their winter Nop．The old practice of not housing at night before for althen，when the fires are lighted，is out of date； for although the nights during October are often frea from frost in our southern districts，the cround is wet and mothing is more ibjurivus to s milch cow than Tet，cold bed．
The Dairy duriog Optober can seldom be kept artihcial beat，and at the proper temperature，without articial heat，and mo greater mastake can bo made
than to allow the milk room avd other departments to become damp and mouldy at this beason．Always kindle the fires in time，for＂itis easier to keep out than
to put out．＂If this is done，very fine butter and to put out，＂If this is done，very fine butter and cheese may be made throughout the month，for when milk，although less in quantity，is rich in quality when The cows are properly fed，groomed，and attended tore
When fed on Turnips the tops should be given to store cattle．Many farmers prefer ploughing down the reen－tops for manure，eetimating them at more value or this purpose than for feeding material，owing to the arge percentage of the tops being in a rotten and unwholesome state．But，even when all green and fresh，the tops should not be given to milch cown，as they disagreeably flavour the mill．W．$B$

Notices to Correspondents．

| Articles． | Importations， |  |
| :---: | :---: | :---: |
|  | 1968. | 1400 |
| Oxen，Bulls，and Cows ．．．．No． |  | 134，284 |
| Calves | 17， 636 | 20，741 |
| 第长 ．．．：．．．． | 239，889 | 580，498 |
|  | 17，708， | 17，942 |
| Bwime and Hogs $\because{ }^{\text {a }}$ | 19，350 | 40，487 |
|  | 45，293 | 9 |
| Corn－Wheat，from Russia ．．．cwt． | 6，214，331 | 4，217，001 |
| Denmark．． | 076，1634 | 2049，878 |
|  | $\cdots 512,815$ | 3，2i1，194 |
| Schleswig，Holstein，\＆Lavenburg ，＂ | 35，699 | 3\％．290 |
| Mecklenvurg ．．．．． | 441，6 | 422，591 |
| Hanse Towns | 422，812 | 456，138 |
| France | 14，43．4 | 231,074 |
| Mryria，Croatia，and Dalmntir＂ |  | Tis， 034 |
| Turkey and Wallachia \＆Muldavia ，＂ |  | 1，836，839 |
| Egspt | 2，726，3\％2 | 653，143 |
| Uuited Stal | 4，${ }^{+120,266}$ | 6，515， 807 |
| Chilif $\quad . \quad . \quad$. | 1，023， $0 \times 3$ ） | 4た2， 49 |
| British North America | 272，396 | 910.373 |
| Other Countrios |  | 350，822 |
| Barley ．．．．．．．． | 3，847，916 | 8，877，510 |
| Oats ．．．． | 5，789，851 | 3，606，001 |
| Peas ．． | 564，333 | 610，632 |
| Reans ${ }^{\text {Rndian }}$ | 1，539，022 | 1，199，850 |
| Indian Corm，or Maizo ${ }^{\text {a }}$ | 7，291，5，9 | 10，055，674 |
| Wbeatmeal and Flour－From Hanse |  |  |
| Towns ．． | 300,6 | 951，803 |
| France ${ }^{\circ}$－ | 256，7i8 | 938，769 |
| United States ${ }^{\text {a }}$ | 469，508． | 783，662 |
| British North America | 101，111 | 189，969 |
| Other Countries | 656，370 | 724，980 |
|  | $5,{ }_{\text {，} 226 ~}^{6}$ | 3，661 |
| Flax and Tow or Codilla of Fhax－ |  |  |
| From Ruanla | T 7 4，573 | 595,438 86,240 |
| $\underset{\text { Belgium }}{\text { Hotianc }}$ ．．$\quad .$. | 1263 | 119，751 |
| Other Countrias | 121，091 | 137,190 |
| Guano，from West Cosat of Atrice，tons | 1，036 | 2，147 |
| Uuited Btatee |  |  |
| Perru ．．．． | 115，281 | 53,40 |
|  | 3，105 | 1，ct2 |
| Other countries | ＇i， 2 ：${ }^{\prime}$ | 3161 |



Otaer Cono Istries
China Grass
Jute and aubatances of the natur＂ of Flemp
India untanned，dry－Frona British
Indian Othor Countrics
Wet－Frum Argentine Confederation
and Uruminy Brazal
Other Countries
Tanberl，Thwen，Curried，or Dreased
（except Russia） （except Russia）
Hops．
OIS
On Seed Cakes

## Provisiona－Butter

## Fryga，charcd or asalted



## Meat，mitad－Bucon and Hams <br> Meat，not otherwia described

## Cnbic NIma


Brition Pobsessicin in south Africa
Aritish Indis
Anatralin
Other Countrie
Alpaca and the LIams Tribe

## Black Teg

too rupldly hipori When goung arimas are pogkentis commonly preceres＂black a condition of things which the plethora of the rystem，and thus do mome help to lower but they certainty have no apecific infuenco，and in prectice tooks．Themently fail to prevent the difeeme．
ats＂There fo no manual of asnioultonre of moch arrvice to Mr Allnutt，at the Agricultural Library，No．200，Fieet street，for his list and adoice
is to be threabed out of tho rick，Claver Dodiler．Clarer is to be threshed out of tho rick，and if not by a special ing maehine two or three time parged throngh the threah－ ＂reaing＂sieve．
 plough，for horee－work，made by Fowler of Con，Steam
ough Horic，Leeds．

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 of the following，wid offor them at low ith





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 Biron， 14 feet
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The order chouid speelfit whether they ara intended to be grown in Tatar or earth, as all Huds aro not equally suited so both purposes
it shonld aloo bo btated whether fivglo or doutho blostomed Etrad are proferted, otherwiso we usually




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 and Penny, form a Cuntril Londor Commotion; the Following (Bhmecon, Kalght loe, Matheson, MoNab, Mothvon, Methran
 Rutherford. not is E Commituteo for lroland, with powor to did
I'roponed by Mr. W. Dean, secondod by Mr, Rus:


## Progosed by Mr. Standinb, seconded by Kr. Gibaon:-

 Snbscriptinns may be sont th $G$ F FILSON, Eaq. Trensarer of


## The Garmenerg Chromicle.

SATCRDAY, Or'TUDER 30, 1869.
Mfetivo for the enstino week.
In a recent number of the "Bulletin of the Botanical Saciety of France," M. Auphonse De Candolle replies to much of the criticism evokel by the publication of his Laws 0f BotaNical Nomenclatere, and by the discassion on them at the Paris Congress. Wo neod not enter into the strictly botanical part of the subject, but we may set before our readers the gist of M. De Candolle's remarks on the nomenclature of cultivated plants. The laws laid down by the learned Professor, and recommonded for adoption by the Congress, were given in our enlumms, $186 \mathrm{f}, \mathrm{p} .40^{\circ} \mathrm{s}$. M. De Cindolle gathers from what has boen sald in this and other jouruls, that horticulturists are not altogether satisfied with the regulations courght to be established. The dissatisfaction arises, in M. De CanDOLJE's opinion, not so much from any absolute defect in the code, as it does from the want of sufficient knowledge on the part of thoee who have to apply it. In many cases the necesary data for the application of an exact name are not fortheoming, a state of things unhappily too common, but one not fairly chargeable to any defect in nomenclature. To make his meaning more clear, M. De Candolle gives by Fay of lllustration the case of a peran entering a crowded drawing-room. It may happen that he does not know the name of anybody in the room, or he may mistake one peram for another. This is sufficiently annoying, but it furnishes no reasonable ground of complaint against the lews or customs of the country, hecause every individual in the room has his tamuly and baptismal
names duly registored somewhere or other. The essential thing is to know the persons, or, failing such knowledge, to be able to acquire the desired information. But some persone may have change is not effected without publio notice being in some way or another given of the fact So in the case of plants; it is not the nomenolature which is at fault. The inconvenience arises from the difficulty which the gardenex experiences in carrying out his researohes among the botanical records. Ordinary gardeners are not sufflienently instructed to make use of botanical treatises, while more highly educated horticulturists often experience as difficulty from the absence of libraries or herbaria. There are many cities of horticultural note wherein, from the reasone just cited, it would be next to impossible for the inquirer to determine the name of a plant with certainty.
M. De Candollis then prooeeds to exprose himbelf in favourabio ter ms as to the establish-
mant of the Sciontific Committee, which he calls parfaitement compore, and urges the adoption in catalogues of certain signs to indicate seedlings or sports (вee p. 492, 1868). These signs are only to be used in cases where the origin of the plant is known with certainty, and where there can therefore be no hesitation as to the proper use of the symbol,
M. De Candoins, as it appears to ne, has omitted one great source of infonvenience in plant nomenclature, and that is the use, or rather misuse, by gardeners and others not acquainted with the laws of botanical terminology, of scientific expressions and denominations. We, of course, acknowledge the right of any gardener or raiser to give names to those productions in whose origination he has had so great a share: What we object to is the application, to such hybrids or aports, of names which in form are identical with those applied by botanists to species. If, for instance, a new seodling Phlox be christenod Phlox Fraseri, any botanical reader would infer that a new species was intended; but if it were named Phlox Johr Fraser, no mistake could possibly occur. The botanist would know that he had to deal with a garden variety, and the horticulturist would in immediately that he was not talling of en newly imported or littlc-known species. The signs pronosed by Mr Mill though they coutd mot be mato we of colloquially. This last circumatanco affords addltional reason for preferring vernacular designations for the quasi-artificial productions generally, claseed undor the head of "gardon varioties," Another ditficulty in nomonclature arises from the practice somo nurserymen havo, though we aro glad to say this is much on the decline, of naming their newly-imported plants at ones on their own authority, without waiting to ascertain from some conpotent botanist whether the name be properly applicable or not. This of course arise日 from the necessity, for commercial purposes, of attaching some cuctme to the plant. In catalogues such appellations snd have the word Hort, after them. But even in euch cases it would be desirable that, pending the registration of the plant in due form, some appeilation different in construction from the so nsto avoid all risk of error, and obviate the
 pome 80 , an uanimous in its ravour, and sinco tion to work heartily to give it effect, there need now be no fear that it will not be brought to a speedy and successful issue.
The fret that the movement is a spontancous outpouring of the feelings of garieners towards one who ever befriended their class, is extremely gratifying, and the sympathy which finds its expression in this graceful public act will no doubt be fully appreciater by Mr. Verreri's family. To some extent, doubtless, the moving carse is that of gratitude to a benefartor for personal mourse, or of affectionate remembrance of a valued friend, but now that a commencement has been made, the sympathies of a more numerouts chss may be enlioted in giving effect

The many suggestions which have been made as to the form which the memorial should takoall good in their way, but not all equally practicable - and which were brought, under the notice of the meeting in the various letters of those who had signified their approval of the movement, naturally olicitod some discussiun, but it was agreed that nothing definite could as yet be determined, since the result must be governed by the amount subscribed. Inatead, therofore, of attempting to solve this point, tho meeting was content to affirm generally its preference for a portrait rather than Veitch Prizos -annual, biennial, or triennial, according to the means at the dusposal of the committco- a conclusion which wo are àle
acceptablo to Mr. Yerrcits family, by whom a preference has been orpreead for a monument rizes or medals as might be found practicable.
The sense of the meeting was taken as to some other subsidiary points, in order to facilitate the working out of the scheme. 'Thus, though it was felt that the action should bo prompt, and the decision as speedy as possible, it was not considered wise to close the subseription li,t befor next Lady-day. The opinion of those who wern present was in favour of limething gardener s subsei iptions generally to a guinca, not of courno to the exclusion of emaller offeringsthe shillugs and pence, as Mr. Fish puts it-uf under-gardeners and others, while of cour-0 the larger offerings of the weelthy will be made at the option of the donors. As regards the prizes, should it be found practicable to establish. them, the meeting unanimously decided against adopting the form of a medal, and in favour of a Veitch l'rize, to be amardil in money or otherwiso, as muy hereafter bo deciden. l'ho rryec, it was understood, should bo offerel for competition amongst garcieners only ; and, whaturol number might bo forthcoming, it max consid.red rious cultivation of plants and fruits alternatrly, rather than for novelties, and thit they should bo distributed in rotation at one or nther of the principal oxhibitions in London, Edinburgh, or Dublin respeotively. The difficalties likely to arise in carrying out the otherwise unobjectionable proposals of a club and a library, were conand much the same difficulty would attend that of tho education of orphan chithren of gredemers, or that of Dr. Moore's, read to the meeting, to ostablish a fund for nuplinrting do dableni rullectors, or their too-often beroaved survivors. The suggestion to add a Veitch Penaioner to the rol? of tho Royal Gardeners' Benevolent Institution met with grenter favour, though, julliging from the opinions expressed, the Prze and the Portrait seem to be the forms most likely to be eventually aulopted
We understand that the mode of working out the scheme will be, to consider the members. of the Genoral Committee, scattered as they are throughout the United Kingdom, as Local Secretaries and collectors in thu ir re-pective nuiphbourhoods. In this way many hun t will make light labour: whalo as all thy -o gentlemen have cormo forward syontanenusly, wo can but conclude that such duties will bn to them a labour
of love.
conferve. On keeping a jar of matar tine, and one from St. Jamees's Park in its
many months, the former yielded many months, the former yielded abandant :
oxygen in the sunshive, and no unnlan the fact retua,ms that, in llis. and al

 ye retablo matter liven when the Serpan provent its accemulalion. Our plan $n$ n eucurage the growth in it of plarnts plache previous selvage contamination,3 and vid? removed. Such a plant is tho Andechans growth, greedily using up all impurits, ${ }^{2}$ le
 ing a cortain quantity of organic impait? in Kensinaton Gardens - slould be frimedra

 Salicaria, the Sa, ititart1, $\lambda 11$ mi, the hik-so that the crowds who linunt the les a glimpse of Nature, Lowcere slightit,


 tha termial bud of ench cordon be slande itself frcely into a branch. When primen buy destined to form an new and vigoroos dyo efferter nearly at the ramo ponat, a gons bit formed, hindrear the preper flow of the sher
 next season.
away 1 mmed ately above 1 the goint of a shortened to 3 or 1 inches, Suecessive bloont pruned, and so on year after year, the mat be attended to being the prepention of quences of any swelling that may be for the branch to promote the for of thaten

## POTATOS

I AM qrieved to hear in all sides
 atmoephone eoon beoomes mized with organic matter
rom the druppings of birde and betsts and the decayed
leaves and other vegeteble matter washad into it Water is in motion of at rest if in pot whether the rapid river or a lake, the bottom may be strept clean, sater-a, in onserved, is body of living movins mere motionlest pond. If at rest, the arganer, unot i sinks and sooumulates, and uadersoes changes whath may be detrimental to the gealth of the neighbourhood. Then the question comes - What is the selentific monde the ree from Serpentine, require not only to be made bathing and skating. Ono sumbery to be safe mesus for with the orpamental watar in was made universally watar in St, James's Pbrk. bottom, so that it may be at wimes omptied and cleansed. That it may be at times omptied and is frightfu, the water offensive, and the bottom becomes covered with black mud. The eye get heated, sate the water is shallow
considertble, In the Sorpentine
know it to be a very good esriy sort. Is Hero and Taylor's Hsbrid are much alike in appearance and Identical in flavour and quality, observe the former has short haum and a white flower, and the latter rather lonzerand stronger hauln and a pale blue fo wer Buth are sad to have been rased by graftine, the former by Mr. Almond, of Littlo Fencute. Bedale, I orkshire, and the latter by Mr. Taylor, of Great Fencote I know nothing of graiting rosself, but 1 never read grenter marvels than were in Mr. Taylur', graftiug notes written five years before ho sent them to me, and which, on permisson, I formarded to Mr. Fenn, who has them still. "Natur," said squeers "is a rum 'un ", so we must not decide ton quichly. Mr. Fenn will do all that can be done in the matter. I think if a weakgrowivg kidney was inserted into a strong-constitutioned one, constitution might be imparted. At present I must rest here. TYe want to know, as Mr. Dean says, when the new roots become independent of the tuber. I imagine they draw from it a very long time, because, if you cut a piece off a tuber it will rot and the crop will ripen some days before it will ripen from an unout tuber. So say the shrewd Yorkipire men. Mind the words-" Early ripeners and late
 the C'robler's's Lapstone and Pebble White do not ripen tute so early as the above; and when supertuberation sets in early, none will grow out more supercly than the Cobbler's Lapstone. It is the King! W. F. Radelyffe.

## NEW STRAWBERRIES

WIs are indebted to Messts. Vilmorin-Andrieus \& Oo, for the following descrintions and engravings of eight new varreties of Strawberries reiged by the Jate Dr. Nıcaise, whose fame as a successful raiber and grower has long been favourably known.
chethire Hern?" I sent him, with others, 12 such Fibs Burt must tover gen before. Another Fen Ways glad when the ladies win. She exhibited the unt epecimens of "taters" F ever. Save at an exhibition - the deatruction of Potatos is not only a nationa - but i lational disomenfort I senture to prese an The relicr the neco-sity of planting "early ripenerg
 Sun los Ir it ant sort, in hase, they come out of the
 I serburit, ireftrrisl that somol were the Heros that thir- litatiresithem to the : ow Roval Asbleafs
 grolenn. al. is Farly Emyto Cantlo Scedhag and Aleaf, Iorkhire Iero, Taylor's Yorkshire Hybrid, bblpr's Lapstone, and Pebble white sent Here by 3. Fenn As far as I have farsted noy Potatos of the r, the last has been the best: it is a gnecies of InvI have not got Mr. Mystore Kidnes of but

Alowandra (6g, 1).-Fruit fery larke, roundish, and Anttened, sometimes ssouming the shape of a horseshoe, in whioh cose the fruit is comestimes larger than the -aricty allad Dr. Nionieg, colour doan oremgeseeds olose, not very prominent, of zollowish colour flesh rosy, and highly fievoured. A very pood an distinet variety.
Penelope (fig. 2).- Fruit very Inrge, round, sometimes intened of a male red colour : seads smull dis tant ard rather promument, fleah salmon-colvired sweet, jatoy, slight!y acidulous, an istrongly flavourmd Lhe rlant is dwarf in growth, and produces feal leatron with hairy leatlets. it is bardy, anil very proktic.
Amızone (fic. 3).- Fruit large, of an elongated conical form, which is almost always regular in ont ine: reeds not deenly embedded; skin of a ligltt reddish colour with a tivge of vermilon on the too hesh white, inglining to rosy, sweet, and very aromatic hardy, and prolific.

Perfection (byy 11 -Frut large, cuaimat, and pretty regularly formed; seeds jronatueut and regularly dis of the skin which is of dark red, merging into deeper tint: Mesh dark red, red, merging unto a deeper tint : desh dark red, juicy, sweet, and fine Hrmoede Gibert. Tie polant lin resmbles that o nards, resembling Marizuerite Labreton) in the and position of tho foliase und in tha foris of the frui It is very prolitis, and appears to be exceptional in quality.
Passe-Partout (fig 5).-Fruit very large, the first crop producing broad and flat specimens, after whioh they come of a more elongated form: seedsalmost black slightly prominent, and widely soparate ; skin of a deep


Fi... 6


Fte.

glossy red colour; flesh rej, streaked with white, sweot slighty coidmatred, and sromatio. The phat to of


$$
\begin{aligned}
& \text { leafets; it is a itgorous grower, and lgte } \\
& \text { dbdel-Kader (ag. 6). -Fruit very larg }
\end{aligned}
$$

cow-el-hader ag. 6, -rruit very large, sometimen enormous, wanly elonct but oftes rompitas. seeds promenent; skin of a bright vermilion-red colour: flesh dark salmon-colontred: sweet, Elightly andulots, aromatir, and kichly* firoured. The plant - fwarf, but vig.iriss, in growth, havang small leaves fith elonstated inaflets supported on smootiz slende ataiks. A prettr hariaty of a pectilar strueture, whleth wntud make r mo montrast in ? colleetion. Gabrielle (tig i) - Frust med wim-ined, round ceds not very prominent skin of a mather dar suning rel flesh red, tho leaves of the plant are strong and straight, with nearly round leaflets on lon smooth und very stifistalks. It 18 a hards, prolific, and
vegy lancoic Joseph 1 . (fic. 8). - A fino large thit, of a
beautifu! roundish heart-shaped form ; seeds yellowish and prand of are areable flavour. The foliage of fosy, rariety is of a bright slaning green colour. A vigorousogrowing, hardy, aud prolific variety.

## REVIEW OF THE GENUS NARCISSUS.- $\nabla$.

Group III. (Continued)-Pabyicorozate; crows less than haff as long as the dirisions of the perianth. In this paper we propose to treat of the four remaining vernal spectes of the Parvicoronatse group, which taken together may bo known from aline to one-eighth of an min in depth Of the four, three are quite common in ouituvation. 14. N. packyybullow (Durfeu, Ravae Bot. 2, p. 425),-Bul1






A native of Alseria, not yet, so far as we are aware, in cultivation in England. It comes very mear to Bome of the small varietios of Tazetta; even if it were notroa popular speciea. It is snid to be slightly scented.







This, the well-known Jopquil of the gardens, extenas in a wild state from Spain, through the south of franded, both in book and gardens, with N. juncilolius, but is much more robust in ceneral habit, with
larmer and more numerous flowers, and a crown considerably ghorter in proportion to the divisions of the Which is a beautiful bright yellow. It is, perhaps, the double flowers in gardens.
12. N. Willorn (Cut Bot. Mag. It. 19\%)-Bulb orold, mose

 About an inch long, excluaivo of the ovarg; , expandod flower




Though this is said never to perfeot its ovales and pollen, it is very common as a wild plant, has become naturaliced in abundance in many counties of Britain, and is distributed on the Continent, through France to Switzerland, Italy, and the Tyrol. Grenier and Godron (Fl. Franc. 3, n. 25-) describe an iutermediate between this and Tazetta, under the name of Tazetta peeticus, with smaller and more numerous flowers than in biflorus, and a longer, deeper-coloured crown, which
is the N . billorus, ₹ar. hybridus, of De Candolle's is the N. bilorus, var. hybridus, of De Candolle's
"Flore Française:" and Dr. Henon, who made during many years a specinl study of the Frenoh Narissi, Writes as follows - "The station of Lattes, near Mont-
pellier, is remarkable in that it offers many speries
maixed in the sams meadow (poeticus, angustifolius, mixed in the samas meadow ( pooticus, many spertionius,
biflorua, Tazetta), as well as a considerable quantity of
ind

 that the fact mas beynd doubte.


 Ory, and shouta line fn thicknoss; expanded fower $21-24$

 maped, very much crispod, with a bright sariete dige, the Ic. t B008. the tube. Eng. Bot. ti 275, Rod. Jil. t. I 80 , Reict.

Very ormmon in cultivation, and extending as a France to Greece. The prinoupal varieties are as follows :-
vith narrowar lomion, man more blender plant than the type,

## lower so much nirrowed downwards that they are not at alt mbricatod in the expanded fi.wwer, and niso nore narrowed at the point. Crown rather nurowar, and consequently more erect. Flowers it Jeast a fortnight carler than the type, generally in  <br> Ls idstinet preciea. atharis, Haw. Mon. p. 15, 8weet, Brit. Flumi wirl scr. t. 132 , A late-flowering form, with the not imbricated. <br>     <br> rica of tho speries, with the <br> exception of some litile-known narrow-petaled autumnflowering species, and the very abnormal N. Brousso Baker.

## 3)

The Royal Vineyard Grape. - Having bad great rperience in Grape growng, inclading the Roya ruit The Royal Vineyaril is one of thoso kiads that produro a quantity of little water-like beads on the produlof a quch flower as som as it opens, and which, in my opinion, is the cause of its bad setting, and, to curther Whe process, I gently draw my hand down the bunches taking oare to keep my hands dry; and I have no hesitation in saying they will then sot as freely as any Hamburg or Swreetwater. Like some other found much of this with Vines planted inside, and Where the borders are kept moderately dry when the fruit is beginning to ripen. Unlike the Barbarossa, and some other late-keeping varieties, that
rrack across the centre and point of the berry, the crack across the centre and point of the berry, the point of flavour, for a late-kecping whito Grape, I consider the Royal Vineyard next to the Muscat of Alexandria. A. S.
Yellow Bedding Plants.-Some few woeks ago I was travelling from Chelmeford to Ipswich by railway, When I was very muoh struck with some remarkably long rows of a beautiful yellow flower (not unlike a around, not far from the Ardleigh station. I am unabla to ay whether it was a Tropanlum or not, a oir acen wat tor are it i, delmo it. I hase hit bean Cirter $\mathcal{A}$ Co If such 1 s the casc, an I theio , entlemen
would hindly state what the plant in queston was, they maght possibly be doing a secvice to the gardening world. Judging from what Isw of the Viola lutoan nt Battersea and other places this summer, I should be indeed chary about dning awny with the Calceolaria and substitutıng it; aftir all, the Calccolarias are not to be despised, for with a little system and forethought we may have them in bloom from June till the end of the se ison- Thilude to Gaines seeding and aures horirather dingy, is nevertheless very effective for nutumn ork, Thomas Simpson Broomtield, Chelmsford Messrs, Carter \& Co. in form us that the part of therr seed farm which borders the Great Eastern Railway near Manninptree Station was set out with annuals as follows, arranted in long rows the entire length of the field: ' Innonette Yrirginian Stock (white) Candy tuft (Dunneti's extra crumson) , asturtium Tom Thumb (yellow), Collinsis atrorubens (purple and white), Nasturtium Tom Thumb (scarlet), Virginian Stock (rose), Chrysanthemum (nem golden), Candytuft (purple), Candytuft (white), Collinsia multicolor marmorats (pink and white) ; and they further say, We would be admired by the railway passengers is they passed down the line; and we are very pleased to learn,

 they are very good in their way. I see no difficulty horserer, in growing the yellow Calcoolaria, All the plant wants ie a deen anil with a cool bottom. The arm eseden where the soil ever saw were growa in quently very damp. A little dung from the formyed Wes dug in before winter into the strong clay border small plants planted ont in May berame large shrubby apecimens by October. In light solls, dig the soit out otre beds you mean to plant; put a good layer o and plant AH the Calceolaria plants that again, reated in the above way hape diand have were watered when plonted done admirably. They 868) , and the bla planed out, and only once after (in son, Llwandu House, Abergavenny.
Passiflora maerocarpa.- Yesterday I cut one of these fruite, whioh in colour and Ehape resombled very much 4 lb . 18 oz, girthed lengthwise 27 Marrow. It weighed midde 10 , irohed. Its smell was rich, and I round the middie 19 .inohes. Its smell was rich, and I should be
rather inclined to say heav-artinly not
as the smell either of a Pine-apple or a
frutt is the first ripened from a small spring was planted in a bruck box to hara the fruit to the ammy, and will forward to you if you wisb madeinto a compote. EDs - At the ramatial same boxazingly, and fluwerel freels on the Pine stove, ase in the swee bot was plam,
flora edulis, which, however, krew so frely to be cut away to make room for P. edulis, which fruited freely, assistance. o fertilised. I I canano ret disagreeable, get suffioiently educated to like it is excellent. Win. Willer, $C_{0}$

Judging Melma at Edinburgh-The which the Melons at the Iate Ietorationl
in Edinburgh, were judged, has, both nome and omlookers, excited muoh inquiry. It
that there was something new in tho ment the consors in finding out the merile in question. A reporter remarks thes on taken by surprise; I may add thatimenve
were equally astonished at the fruil odi were equally astonished at the frid Some suppose that the smell would b by which the judges were guided. who were taken by surprise know of Melons often have very little pleasantily. There were two clame at tha bition, soarlet-fleshed and green ditto Fien withour one colour can be know whi cross between two kinds, that the frul us ward appearance of one mirent, and the leaz of the other. When cutting is not proime coloured festic could carity be exisuled an grower of Melons, I am cager to leara beswo of proving therr quality, as it has somelice Melon, which after it had beon cut mas fond for use. So much for appearance ast when suspicious that vendors try chese te sand wsthout def srminy tise frutt. It thols appea appled at exhibitinna, and then ita appearance arring from catt.og the inu
avolded. J o
Wasp.s Nests. I have har a good dellof Wasp's Nests. I have had a good deade
in taking wasp's nesta in rarious mas Thes but not the beat, is that rractised bo word
where one digs outt the nest in tha Whilst two or three others stand romd tn knock down the waspis as they com
half the wisp belonging to the abrut, to do more minchef, I belphen plan of putting a squib into the nct digging out the nest whilst thi meze tubing. Some skil sometimes 2 or 3 feet from the entrance passage may run horizontally close reach them. But I have zised up simpler one of pourine about hall sil into the nest at nizht. This alis
reach the nest. The wapls will then make a fresh entrance nearer to tod de dose of gas-tar be repeated, it mill almat them. I generally dig the neets out abo after, and give the larve to the chackeas this to be that thave occasion doulht chlornforms wantud do squib; but ilhave never tricil it. It 5 exjuensive 1 there were many nesta
most curious way of destroy; in of sponge or ras dipped 1n cyanide o that connes near it dropi dorn dead [3 Which come back to it die - 80 polanow
Which it gives off. When nests are
there will still always be a fers wisp
beon at home. Every one of these may been at home. Every one enfrace to the nest was, buried up to ${ }^{\circ}$ pat into the botile. read ly if a pre I bave sometimes had a common full, anl sometnmes there
dozen or two of stray wasps.
The Troubles of Exhibitors,-As letter contirms mine in every
reply from me; but as he wi
sole blame upo sole blame upon Mr. Ward, perhat et woald howey to a l.ne or two in er Write their name and a ldress in is unpackers, and ns in box lids the return jorrieg.
 And his not doing so maz the he took he committed. eems surprised tha

##       timetary furtar in whe mem  <br>   













 mpet fie ansulterel an at












 dhenerationz There are plenty of ghod

 Traning - Mr Fizpatrok's method of




 il iwn, ond opron ap ehout of inchea, all were

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 Bise


 Heboain, who Gulliberis stadlon, Lyyomererin and Fareni Tenii rro very or onameuntal, tome aro histle of summn chango the menm inlod wilther, the




















not bice unaterestang toa stabe under whet olraume baveo
 mos, why h, emp, int 's whth cones of Abice Menzienss, was awarlort a Yporial (Thtibrate I may remork that
 Aocitorme lagm on ithe, an formation, ared 1 liat il has
 rearet to s85, herwesef, that for the laat four of fire y"ars arrested krowih hocame very esi lent ac t anns-



 which had alon penotrated for a hout 14 incher up, the
 powition which was areordingly in e by meana
 It was then supported in position by stout poles, man this apparentig kpelired it from further fownfall. Giness, however, my unfelgned astonashment the next morning, afler a very windy minhe, in heholl it prostrate
once more-but in the opponte $\alpha$, rection to that in once more-but in the opposte direction to that in

 to raisp it once more, sad making is more Beculure from
further harm. It is almost needleas to remart fhat after mulh romgh troumont, oombined with the ercosive hon and dromith of the ensuing
summer, the meneral heath of the tree therebs materially alfected, innomuch that nearly all branches dropped off, mind litule or parts of the lower in the shonis The follage, however, ntill retainmil ita Iratine miour, and marabien fiefur it has thas


 growth, which I trisit, howeer, mas not be the rre. plirant of dissolution for mang years to mome, and in
this hope I am ptiatained hy the fact ithat tio man root atall enjosa an smomunty from the diweass. as sleo dead portion of ita bola. Its fusure weil-bergh





 there preater purtion of lits. Aefter of then ine in dactayed






 worthere then ther ak equention it was ventilated and dieoung notion I remember cillide E Eub-Oongrem of fandenent in Mr Wisifiems








 partially adrantwol, mad fount tho nif routa in captitel













 Vimos- was not propared to give a dafinte opinan unom
 ougbt to bo definitely docided upura. J. Anderman Pears.-I find that many of my leas traed wat

 njuat, beary frifuar) shisi that injury, while beluw it
 matolry the aliaet of tratial ringing of the ntem or

 "fing sway-now, or in spring ?
fingats in a berberotil preation oh it at all
 Whar lart of tho trme mandine of herrompene in the rigornux abrots earh year, whle the noper frise ful part abofe the 10 , ury thaked hut litules growth nutured nem trem the stems of which were Whe the reat droppod uT And what Me. R sera telis us abost l'rara on the Qumpa, transpianted when just roming inti, flow or, setiong thenr suitumn whele thote wifich hal then transplatifad in Lion It was efidently the cherk in the Bupply of and nomay

Acalgpha tricolor. I the tworemponient in last attentiou to chus plant as yuite ripht when he drow plante now in the perdens. I was quite cherrmed what have no trubt chat under proper cultivation, the and oveln new varcties ramel. In my "Viti Floran out liave given a pretty full account of the piaot, but I
inve not mentinned saything about its introduction I heleve I was the firnt who brought living sperimens If it asyidnog, anme of which I rave to Mr Charles to bin finends ith lingiatil. monte rent some of them were forwardeal to Know ria Capm Iliorn, whem no doubt thes wern taken rare of Tha name. A trie lot
 I appliod this name from tha resemhisith Mr Monse.
 specimens collecten in Wilkeg tipmation A ois
ginsto a pame whish Jir Miverer (Aris) did mob
adopt, as the flowers are only exoeptionally circinate; of the plant would therefore be, Acalphya Wilkesiana, Mūll. Arg. (A circinata. A Gray, MSS. in Herb. Kaw: A. ©rioolor. Seem. MSS.), Berthold Seemann, Viola Blae Perfoction.- Mr. Bennett in whoh he about youly so ablympioued their adaptability for the me to say what I know about the good qualities of this Vinla fior a like purnose. I had the pleasure of first making its acquatrtance at to at on so doing, I at leaw pad the homage of declaring it to be the genn of the
plawer garden there. It Was used as a belting for a
flon Pound bed, with, I thank. a rentre of wuite var egated
Pelargoniun, and the effect it produed was so goo.l, Pelargonius, and
and its charaoter, whether in babit or colour, sh
striking, that [ vainiy tried to asoertain what it was, striking, that vituly tried
but no one could tell me. Mras. Clatlis, the gardener to Earl Perbbroke, was unf retunately not to be net wrin, so that I coull gather no informan Warme, of Sthabury, and he informed me thit, though ;rowng it
ignorant of the locality, but he would rouch for it that t was a most continuous bloomer from art copriag Inte autumn. Fortunately Mre park, Hants, gent a plant of it to South Kensington, and got for it a First-cless Certificate under the above name , sud so cleared up that mystery ; but how it $^{2}$ orikinated seems to be yet unknown. Gardeners wil find this Viola to be a great acquisition as a blue
 Potting Liliuman.
the rery week. It will be admitiod on all hands that the Calendar has never been filled with better instruation. I have been a reader of the Gardeners ${ }^{\text {"H}}$ Calendar of at least 20 years, snd have never sean the "Calendar of
Operations" so well filled with useful matter as now. But does "authoriby" ox ohusively belong to that page? or is it ground whereon those only who "Wi. Bh,'s phrase, "authoritative tone of denial ${ }^{\text {" }}$ I I stated my expersince; whal better authorsty is there that that? taqe of seeing them potted under many circumstances, and luve pintted them myself times onough to enable me to condemn the pratioe of storitg away the bulbs No one will biame hiw for acting as a elhaperoate to "J. D. Who pozsibly may be of the fair sex. But

 the stem is deal and I still uphold it The totm is indepenilent of the buib. These roots sustann it after is at rest previsualy, and tho ttero becomning dead-and When that is desu, "the alvent of the restiog period begnn to make roots is the cau*e of more failures than "W. E.'s" argument wn ad ignorthtian. "W. W" advice of Mr. Smith. I have no doubt Mr. Smith can give sound advice, but your readers will be discouraged to find that Mr. Smith has said absolutely nothing to fort the time of "potting" Liliuma! Who will set us right? and "santhoritatively" toll us which is us right ? ${ }^{\text {and }}$ Oct. 18
Duke of Cornwall Yelon,-I can endorse all that Mr. Simpson has said in favour of this valuable, but litth of Dewarember or middle of January, and is partica-
 delichts in a strons heat. Poor noil incrases its
fertilty and dimintshes its size. It has flled upa
blank long feit, viz, is first-class lato Molon. James
O. Smuthe Coloration of Leaves - The case you give at p. 1088
of olyo change of the colour of the leaves of Pelargonium

 simply be the result of a diasirangeneen of cellulsi
strauture. The normal orkanisation is broken ep, the cells are preased higgledy-piggledy in to each other, and
consequently the light is refleeted or absorbed in consequently the light is refleated or absorbed in
different manner to a different extent ; and at mohange of anyle, the light metrum bems changed, a ohange of colour would necessarily follow. But it is the quantity or quality of the sap skonid result In a change of coloner and yet buch ohanges may With fiuid will present somewhat different angles to mpon as aro partially collapsed, and the light falling is not simply thas the amount of cap would be lessened altered. Whistings adverted to, but ita quality would be Would affeot the say that had to wait at the barrier. neath to repletion This
the barrier into olonar contact with the light, and thus
bring a marimum amount of inspissatory force to bear
apon it at that partioular point. The remult would be that the sap that passed if it had not becn stopped and this dulferonee of quality, conbined with colls contracted state of the half-linled uppor cols,
wiuld produce the charige of The qualu produce the and phaty the sap herng thus oh stoh chanzes necessarily aftect the stru tural arrange-
mant of the leaf The latter beng altered, ever so slightly, would necessarily affect the mumer, rate, and by it. This rhangan quality and pnition of the leaves is probalify the chief reston of it the vared turts they of the opening sring, the sober and staid colours of
the summer, and tho glowing tints of antum, what ne these but the rellixes of alterel strueture and the upon them at different anples all through the eeason, and
yery largely accordiug to tho trausjarency, or opaque-
 theory of colour, but sin\}, y as a reasonabie expanation
of the thanmes in the same phats throushort the Cnange of front, or of check to the colouring nedium lone, has a worderful effeot upon oolour. For example, take this very plant, Pelargonium IjElegante, train pyramid-and the leaves wsll berin to glow a pilo a pink at once, without any artiticial tunting or bending This is a fact that 1 have proved for myself, and therefore there is no unoertainty about it. Many of your pillars of this plant showa at the Royal Horticultural Show at Manchester. They wore exquiaite examples of oultivation, aud ther lenves glowed aimor
scarlet from top to bottom. But none of the leaf stalks seemed to have been twisted. If they werd, of course we shall hear sbout it from the
exhibitor whose name I regret to have forgotten. But assuming that they were not bent, whence the oolouring? Why, they bent themselves. There may be exceptions, but as a rule this variety does not collour
mueh, if at all, when ruoning on the ground. It has shown no pink whatever with me in the flower yarden. It is neturaly a hrea, hygeing it pretty closely, offering up the whole surface to the sun, at wearly a rught ang up Train it $n p$ to a stake or over s pyramidel trellis, and this position is much ohanged. The fact is, the lea! of this Pelargonuum has this peoularity-it is dense an Weighty for its size and the strength of its Hence, sooner is an attempt made to make Hence, no sooner wan athempteaves to an unnatural position; and this, I believe, is the chief secret of the excess of or the change of colour.
Mere intensity of liaht will produce the game
efieots in a modifled manner. Some planta effeots in a modified manner. Some plante
of L'Elegante arown on brackets in the spring were intrise 1 sarihly with pink. But here azain the

## of the cutlour wis owinis to late chan new to the ghats,

and how much to the weepping position. Scarcely auy plant seems ruoro susceptible to this phaking than the Panncum imbecile variegatum. Its beautifully green and White variegation may be made almost red by growing it in a strong light. I have seon a basket plant of this, with the vory stems changed iato the brinhtest colour, and bath the white and red portions of the leaves crimsoned over with glowing brightuess. The oolouring of this Panioum is likewise much affected by the temperatare ip whioh it is grown. In the stove it addition in basket plant amoner roof climbers on brackets, or covering a trellis, it is also mit me to conclude with the following question: how is it that so many of our triculor Pelargoniums are so much more perfect, y coloured in the autumn gardeners will deny. At the present monient such varıeties as Lady Cullum, Lucy Grieve, Miss Wation, Mrs. Pollock, sunset, slow their brigntest jast before hectio flush of coming death? Jut how, then, is it displayed? Is it the dying sun painting bus loveliest before he sinkn into winter somnolenay? or is the long fight of darkness praparing or ing tints? or what is it ? The fan of the beauty of such planks growing with the declining
 observation is the Tropzanlum named above. I covered 100 yards of a wall 7 feet himn that separatrs the quant aul 1 deidutul llower girden at lbothwe.l ('astlf rom the pleasure srounds; but it not only covered it in the ordinary way that Tropseolums do, but with a aneet of the most brilliaut orango-searlet inat over oqninued; and as it is probably the mosit valuat Mr. Turnhull to many of his noble omployers friond a procoerl to give some deseriphon of it in the intorest of gardening. It $1 s$ one of the Lobbianum section, and may be considered as selected seedling several time teristies of that flower, with the af of the oharacadrantages of beint of denser habit and infinitely more prolific in bloom. The fine purple or olaretonioured Btems, and the entire almost orbioular learea, must be added the short footatalks marked. Io tha and the shortness of the intorvals which carry them, fowters in the one case to throw themselves olearly in edvance when fully expanded, and in the other
incresse the yield of bloom in any eivan difiten flowers themselvos are of a brilliant riven
with the two top petals adorned with blect
 comparable only to a dense bloomed Atanation
so dazaling that none of the trithe refored to 30 dazeling that none of the trite reforred ho garnish them. I saw this on Ootaber 1 , of the North showed most things ftrt and wh the low pirt of the wardeu was "over in
interest, but this and the 8 -foet bander win which mey be represented as ar instancooll border improved, and keeping paoe will the vating a plece of it war quarderng as could inn parti-coloured huen of fillownds of Dahliastlom in grand ats le. Ali hall to the Dothia jebrean clotuing of leaves. Delplualums, Stacks, wid made up, with sonte other mixtures, a
gnsemble that might feast the eyes of form days and days. One other word by mat Une fine soft anial with the common Chime advantage at intervals, and so would Pill some olance of association. A.

Foreign Correspondencs Central Park, New York.-Tha of this park having been describo (asim.
now adverit to a few particularg mentation.
One department worthy of sperial athem Arboratum, which occupies about ant the more special re, urroments of thie park lie a colleotion of American and other triean ove who wishes to become acquaintod mith ind in the northern and middle sections of Amens: so. This Arboretum is hot arragged io manner, but is so pornued tand landsepa aro pio white it proserves jut ut, 80 far go an arboricultural student is thus enabled to h partieular treas or sitrubs,
searoh of, witlout ditliculty.
As regards plantations in the park genenk have been made abnut 11 years, and he grow
trees and shrubs ts hubly satisfactor? Tuo
 kind of tree, similar 10 the wiy ia 1
 our parks at howe, whery the d
 and shrabs of a deerdinntis character, the have a much richer liod dil whe whethery espeoislly in purblio
hat can be desired.
Flower gardenang scent to occupy bus bit tion, even in plases where one migntexpar as in publit narks anil open towa spaded
flower is to be met with. It is iutendenal believe, some day to liave a flower gardenan Park. Among tho most Dotewortay and 1 tion of Contlersa in meuntal, various meluding the pretty litise haraj-leards whoh, when in bloom, lave in roch and sirit ance; various other fiswerng tres. An essential feature of most metr shady; and this has not been overboused in

has a fille eficotio Our own
leading from Lamaster Gate
would conbtieas be equally sppre
had it s proper termination at it
unfortunately the fine moniment, commemoration of the lato l? rince yards out ol the lime, so cant the op therefore hope that in fatize gark fions as thay buder notice have been connection with the promena
"Vine" in this instance beriag is led over a flat top, suppurted phlarg placed if feet apart, and seb
plant-bines, (J) the itter thereare
 sun-screen, plitiod was about the 2 Was in fult bloom, an 1 of all the with which I was so deluytited 35 When in blossom few who have not fowerng under American ideaty.
adequate iden of its great beat

Of wher there is plenty, and it forms a conspa nuous
objeet in the nandrape. True, the great resorvoirs which supge: the ters are placed a little too laigh to be seen
 then ly heal le, thime thare are other firnathentes





 in contern phation
a extentively introlsced into snociral parta of the
 natural chara ter. lierns are used for the decoration
of tho rooks, but not in sulti fent abundaneo Interof tan rooks, but nint in sulli went abundance Inter-
muxed with rock creepers, as they are here, ther clegant fronds have, 1 neel mot say, a charming appearance. A roek parden forms an interesting goreen to the zoologica! department, which is as yet badly furnushed with both beasts and birds. I may note here that, with the view of gathermig information on the gubject of the inwects of the park, a collection of
 1310 F,
ind
one o
one or the trees sarel from the ma1ural freent, and bistar getar a glampate of the A shate further on, the neglibonrhood, and here it 19 intended to build an obser-atory 14 feot hash, whech, toget hor with the
natural elevation of the groand, will ba 8 mna 30 th natural elevation of the groand, will ha 8 me 3 min feet
above the datian live of the river. This wil form a con-picusui onjmat, seen either from the casino refreshment pivilom, mull, or terrace.
Before leaving this Centrai Park I my add that fowering slirub, ensecialts C rrnus florida and Masuowhich are mostly of a rustic character, its rules, drives, terraces, and avonucs are all on a grand and offective
sevie, and when the band plays on a fine summer evening, one feels that it is what it shanuld be, truly a nlare for recreation and enjoymont. Joseph Nexton Orford Terrace, Hude Parl'

## Natices of Books.

Transactions of the Wroolhope Na/uralistst Pield Club for 18 iJ (Horeford) 8 vo , pp. 277, outs and photographs.
A day with a field olut in fino weather it almost sen onjogable as a day with the hounds, far more so to some peopie. In mast cases, on such occassions, a areat

 to a very limited extent, to the folume before us, There pleasant to rasd of in the county paper a fer day after the event, but whioh is apt, When reproduced in the "Mransactions" after a year sintarval, to lose ita intereat, But ia the case of the Woolhope Club and the fismers no lneal geology and natiral history are admarably adapted to convey sound and accurate ioformation, and to ex ate an interest amoug the Woolbope Club is firtanate in morses-ing amonz its members several accumphehel naturahata, wha trpear thorouznly to uif lerstand what are the legitumate objecta of surh a elab, aral what are the beat meats of tion, in addition to the general natural history of the county, enyaze the attention of the chubs viz, the his as in furmer wofumes, tmall but charauterinti photographs are gisen, and the edtble Funz1, of wheh, Way of ilfurtration we may cite a pasare from a paper



Lodge, York, though it muat be come if yean einge he are minor blemishea, not seriously impirting the valuo


## Clarden Demoranda.

Mradowblify, the residence of Thomes Dawson, Eag, is situnte seven miles south of Glasgom, in a vory



 north by the oubunkment of the C'ledonisa Ruilwas by a substantial stone wall, og the sonth by tho titoted garden wall, gardener's house, \&u, -tocess to this garden of treasures being hy a small door in the boundary wall.
The first thing to attract the notioe of the viaitor is the enchanting but unpretending appenrance of this garden and obstelet of modern times, -

## 

-the residence sad the grounda being alike froe from any nttempt st architeotural grandeur, While Mr. Anderson has mesde the most of the gronad by a merias half-hardy plants, whick are at the same time both pleasing and pioturetque. In the moro exposed parts
of the grounds many half-hardy plants hid suffered muoh from the fros, at the end of Ausust. areotionsare 16 in number, and appesr to heve been built aver sneressing colioction; but, from theur neat and elean apparance, bear ample evidence of being Fell cared for. is justig celebrated, is in itself, unique sad, doubtless
a list of some of the best specimens will be very acopeptable to many of your readers, partieularly the long list Having reoently visited mocre of the surprias era exprossed by some, and a little disappoint ment by others, on lecrning that my visitz were few pletol far between. II trust this short, out rery tacoasplete l.st, my he the me nas of qatify in z thrip wants to
some extent, while to others in will be a means of exteadng thpir knowedpe of species mhioh may he had in fower at this season. No atbompt anything ike a de taled arcount of that fronderful collection woult occupy fine myself to some of the most romarleble specimens, and myedr to some of the most romartable specimens, leotions, more as a means of showing the various gubjects cultivated togethor in the sace house at this nasna, than to enter into s descriptinn of the numerous varieties w.th whuth the collection abounds not only of those which are desaribed, but those also
Whioh ere nadescribed. Of tha latter I had the good Whioh ere nadescribed, of the
House No. 1 contaned, amongat many others, in nower mili tent
spi-play apiker, Zygopetalum rostratum, fine; Aerides quintho finest I ever siw prolucing six unusually strong tricolor, one very scarce, $i$ e. Vands trimolor meleagris;
 contrast of colour producing a grand eftect; Epident Aerides suavissimum, with four fine spikes; Den-
drobium formoaum, with one lead and iwa foners; Vands cosrules, with one strong spike; Oncidium bar-
batam,
grand dioplay ; plantig of this lovely species maskis alegans, in soveral variefres one in particular far surpssaing angthiag I ever sam beforo, both for size and depth of colour, being much darker
than ang of the rarioties called Turnert, of whioh

 and thres fane spskes rupmonvely. Cattleya Loypalli,
 partakiog in a marhed degree of the characturs of both


altogether a lovely plant, with an apparently strong constitution; Miltonia Clowesianas superba, with extra inarge tiowers; Miltozia virginalis, also fine ; Zyropetalum Mackayi ; Cattleys apeciosissima, one of the most showy species at this season; Miltonia Moreliana, With 23 flowers: Suocolabium Blumei majus, Calanthe veratrifolia, Vanda sunvis, Oncidjum Batemanni, Onctium Papilio, Cypripedium Huokeræ, Cattlegs Aclandree, the gooi old Coglogyne speciosa, a grand plant, near ${ }^{3}$ feet across, full of bloom; one of the finest of all the Miltonias, candids Jenischians, four
fine spikes, with fiomers of unusual size and colour, in fine spikes, with fomers of unusual size and colour, in
both respects reminding one of odontoglossum Insleayi, with the lip of Miltonis candide grandifora, ouly brighter in colour and double the aize. Cattleya Trianse and its varieties will shortly make a fine dis play in this house, there being many speoimens with From the roof are suspended grand specimens of Dendrobium Cambridgeanum, $D_{\text {, cumulatum, Limatodes }}$ roses, Calanthes in varieties, cro.
House No. 2.-One of the grandest leatures which meet the eye on entering this house is the nuique specimen of $\times$ Cattleys eroniensig, Mr. Dominy's greatast Cattleyas in cuitivation. Thss specimen has 13 growths specimen; it was just begiuning to unfold its flowers Which at a hasty slance would remind one of the moss brilliant variety of C . labiata : the specimen in question would doubtless be undervalued at 150 guineas. There were also grand examples of the following in this house -Cattleya Mossise, the Syon House variety, with several leads; also Cattleya quadricolor, C. Dawsoni, C. marima, C. Mossiz, C, marginata, C. Aclandiz; Dendrobium thyrsiflorum, with growths 2 feet 6 inches in Onoidinm Kramerianum, 0 , Segile, Burlingtonia fra grans, and many other grand apeoimens.
House No. 3 is rather a span-rooted pit, but of Iarme proportions, having no path inside; the cool ond of this ferv other plants requiring similar treatment, and the Warmer end to a coilection of seedling Amarylis, and, judging from the exuberant growth of many of the Odontoglots contained in this pit, it answers the purpose admirably. A ling stage, covered with gravel, occupres exclude any direct circulation of air or heat from the exclude any direct curculation of air or heat from the
pipes below; while the heat rising from the sides pipes below, while the heat rising from the sides
disperses itself more eveniy, and is a check against a disperses itself more eveniy, and is a check against a
sulden current of cold air from without, the lights having to be tilted in froat in the usual way. To enumitrate the species of Odontnglossum contained in this pit would alone make a long list, and many of the species are represented by the ecore, some of the following
being unusually fine:-Odontoglossum nebulosum, 0 . Alesandre, O. Pescaiorei, O. luteo-purpnreum, 0 , latro,


## cuarden Operations.

## (For the onswing woetc.)

Plant houses.
VERT oareful management will now be required in Eeath-houses as regards their requirements, under the varying fluctuations of the external temperature fo. In regard to the inmateg, greater attention wilh be requiale in respect to those varieties, whether of the true Ericas or their near allies the Epacrises, which are cultivated amidst the various drawbacks always associated writh houses in which mixad collections are kept, such, for iostance, as many of our greenhouses and semi-conservatortes. In either case, a cool temperature, free from any form of draught, is of the first importance. Too dry an atmosphere, or one too densely charged with moisture, are alike objectionable. Then, agan, a sour stagnant soil, whether post, throuzh an insufficiency or sandy mater or the pots becoming dirty on the outside, tends to cause unhealthnees at the root, However trivial in intensity, and bence the need of carefuly incre ses akannst theseand asll stmilar apparently trifling circurnprasible to spense with artificial heat as much as
roofed houses ar laver rooped housea or roomy pite with mata, as a protection
ngainst froest of moderate intensity, is muls better
tian aresort to fire-heat tian a reaort to fire-hento howensity is much better
tion with the above, In may rerer to In anothor loveo
gemus numely, Leschencultic; similar tast which is given to Meachs wrill suit them well sary in this case. They thrive bert when plaper nes to the glas, and seldom do better than when elevated to to the attacks of rulldes of which Boin are very liable to the attacks of muldew, which can only be prevented The only safe cure is to appoly morgaty dry and fresh. powdered flowers of sulphur all over Thsting of finelypowdered flowers of sulphur all over. There is also above remarks may be applied with muoh force the refer to the fragrant and beautiful Boromars, and espeheat, draught, or damp, and especially mpatient of draw aver-moist at the roots, Added to whict I may As is well tountly overlooked in regard portance, which lata is a momewh, the native habitard of Boronia latter. New Hollmad, where it is is ed louality upon the oosst of to ripen well the wood it anabled to fully develop and too frequently overlook thia fact. With mes. little ortre
heat we may somewhat hurry the growth onward, and化解 by placing the plants in a moderately exposed, dry, sid sunny sopect, we may ripen muoh of the ill-
 developed wood-formation is often the cause of the illin all stoves be gradually reduced to an average of $60^{3}$ in all stoves be gradually reduces to an average of 60 fact that to start any hard-wooded plants into growth which should now be resting, will be to irretrievably sporl them for a good summer display.

## FORCING HOUSES.

All that is required in Late Fineries having fruit still hanging, is a minimum temperature of about $40^{\circ}$. very elight fires on frosty nights. During fine bright warm days persist in keeping the house as cool and airy as possible, so as to keep the berries from any ma-
terial ollange. Remove every symptom of decayed or terial olaange, Remove every symptom of decayed or
decaying leaves, and so keep all sweet and wholesome. In regard to Fines there may be iastances where, for want of more room, the sucker-cuttings have been
potted, and placed on a temporary hot-bed oomposed
of fementing materials alone. Here, in an atmosphere of fementing materials alone. Here, in an atmosphere
best suited to them, they root and grow freely; but they must nat be permitted to remann in such a place one day longer than is necessary at this time, otherwise they
will become drawn snd weakiy suld will become drawn and weakly, aud with not prove so
stocky as they should be to form a basis for producing good fruat. A drier atmosphere, with a gradually reduced temperature, must, therefore, be sought for them. Be carecul in regard to watering all young successionals, require more frequent supervision in this wise. Get the lights ready for placing upon Poach and Nectarine houses without further delay, and let them now be put on at the earliest opportunity.

## Hardy fruit garden

Persist in wisping off the ripening leaves upon Peach and Nectarine trees. Alresdy these are very
late before they part, and I fear the wood will not be fully ripened, causing the many evils attending such a state to follow, such as guraming, \&o The removal of all leaves at the earilest moment, therefore, becomes
a matter of importance. In view of the above fits do not advise that the wond should be loosened from the walls quite so sonn this season, but rather to keep
it attached a week or two loneer that thin sun may it attached a week or two longer that the sun may aet ecossary plunging to the Do not longer delay the plants intended for forcing, or others potted up for trangplanting out in the early spring, as a protection gainst frost:

## hardy flower garden.

Those who do not make a display with spring blooming plante, by means of planting those that will flower early into the bede immediately the bedding stuff has been removed, should, now that the frost has deatroyed
the beauty of the summer plants, have all vacunt borders immedietely forked or dug up and fint vacant off
neably without delay. It will be advisable nt th.e neably without delay. It will be advisable nt th. a amm
tims to give the borders or beds a moderate ircung
Fith manure, which, if forkell th thize earty, will become With manure, whioh, in forked in thize eary, will becomat of that crude strength which is apt to cause atrong
sappy growth, and comparatively little fiower. Where sappy growth, and comparatively little flower. Where
spring bedding is adopted no further delay should now take place in regard to getting all the necessary subjects planted in their permanent blooming quarters As regards height I may aay that the ping silesa. pendula may be planted in the centre of beds containing either the blue or white Forgel-me-Not. The densely will the bloom ped now, so muah the more stronker the plants of any of the above are now, the This is a matter or two will they bloom in the spring. believe I belore referred, it imporiance, to which I edvings to the Forget-me-Nots, either the lovely little Saponaria calabrica, var. rubra, the yellow beddeng
Pansy no dicaff Tulips, \&o, will mateh well. Whilat
the wite warien al Limnate varifty of saponaria, the Clarkias, Collinsias, the Sllene or others to which their flowers afford a proper contrast. Wallfowoers will transplant well at roots, and a proper care boaking be given to to injure the diately after being planted, 1 would advise that diately after being planted, I would advise that
all mrass plots which did not happen to be mown last
week, preek, be mown during the incoming one, commenc
ink with the lat of Ootober ; that is, it sharp frosts gurh as ara Iikely to stopep such work, that is not proseits a

## 

Do not delay soy longer the necessary taking up and Scorzonern, do, which have been rots, Beet, Salsafy, ingure a more perfect growth. It wonld not so long to risk them longer after this date. I suagested a weete or two since that the main crops of Beet-root should bee preosely in out in the open borders, and clamped The same in the sarme way as Potatos habitually cily The same remarks apply with equal fores to the are. ing of Carrots, as the crop lasts far better so treated, underground celiar-like places, where the sand or in penetrate to them pretty freely, and where dry-rot and sher sumilar ovils are known to exist and to multiply wreatly. Rnmove ag much of the surface growths as Give the former a sound dressing with and Seakale. manure, and leap the listter free of weeds or other which should now hespan uninterruptad trom, esch of ripen of the orowne, prepmratory to the process of
early foroing.

THE Golden Rown Gardeger Dairy, partioularly the latter, of whited the ris $\{11$. all other planta, sre moproved for tomas
unfortunately they seltime
 ror years undisturbed. Oae would allpond $I$, harbour insects. If these ary were ond in ol
shonta an 1 planted three in a patch, and ank as they progress in arowth during summen yis
 nus albus) is a plant that will do well ta ans
throwing up pyramids of
 overy town garden : and not ithould bo athou or tre propagate it, by dividuge the the season tor under the drin of treuable in shrubbaine grows about 3 feet high, and succoading evero patches about 410 ches deep. This is ither marin or dviang and transplaning, bin as the Dahlatas and Martarel of Pert int With the fr ist they should be cut dora? a few dass, when they should be patist winter, enther in a cellar, or in a pot dug ne keep out the frost. By this mothod hinf
plump and fresh, and start freely in spring

GTATR OF TEE WEATHER AT ORAWHOL, RUL:

 BTATE OP THE WRATHBE M CAEATIL




Notices to Correspondans


 ${ }_{M J}{ }^{120}$


AINBIRD, CALDECOTT, BAWTRER, DOWLDNG,

 8eed Potatios.
 the noo and best mietlee of Rarly and Rate potatos ity


 Prise Pedigree Wheat


Stook limitad. 1
foed Soed.


PEDIGEEL HUNTER'S WHITE WHEAT,

ORIGINALRED.

Including bags, Five Guineas per Quartcr, by the Quarter or ter, One Guinea per Bushel ror lens tban a Harr-quarter, at the Brighton Station, in bage sewsd up, sealed, and Pristed Drections for Planting, upon reoolpt a e. Fris Office Order, whathe which it will not be sent to Lesas than a Buathel not mrppited
to Cuptald HALLETT, F.LS, The Manor House,

WES' FHRAT MANURE, for AUTUMN
 LUNDON MANURR COMPANY Hav now formpor dim illo BUPGRPHO
PRFARED
MANGEL MANURL End POTATO MANOHES GDU NITRATE of 80DA
AMHONIA, FISHRY
E. PURNHR, Beoralary.
 Cu 'S HIPHOSPITATEU PETUVIAN

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 Autuma sowing

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 WAx, indtep LEPGORT (the new French Cold

## Wheat

Wheat


Sowing
FARMER'S FRIEND for Proventiog the

 the Largeth Wholt Growers in the Kingdora,
t its ath ffr 11
rel nt the M

Matufartory, Witaturn packet.
Totrurch pact

THR BIRMINGHAM CATTLE and POULTRY SHOW.




 SHEED. PIGS e neighbourhood of a good nteam plough)-are getting all the adrantages of ateam cultaration.
Agriculture inclades the cuitiration of animaln and plants as well as soil; and stoam-power hee hitherto had comparatively little unfluence upon these other departments of its field. A good heren man has been hitherto supposed to bon man of quet, easy, kindl $y$ temperament, dealing gently and leisurely with the living creatures he has charge of-a man as far removed as may be, in idea, from that of the snorting, reckless, irresistible steam-horse. But even ho (with the living crentures which ho tends) is dependant on the fertilaty of the farm, and that again hingos vory much not exclusively, indeed, but atill materially-unon a well-tilled sonl. The writer of our text was right in his assertion that fertulity dopends on other thungs as well as on that process of airation and pulverisation which we call thllage-he was right in ponting out that fertilising metter from without needs to be actually added to the soil from the manure heap or the factory, as well ss in admitting that
 ite owible by tillape, 11 order to the bent It-ult. but most pemple will, we thark, pronousce hitn wrong if, without the qualiticatious we have pointed out, he should persist in saying that "Agriculture is too big to be moved much by any number of steam-tuga.'

Tire relatire positons of tho agricuitural and town labourer is a very good subject for the labourer himself to discuse; but we doubt Whether much service is done by bringing it under the notice of a l'armers Club. Tho jury, whose verdict alone is material to the issue, generally armse at their docision without much consultation with members of Agricultural Societies and Chambers: and there can be no doubt as to wheh way their award is tending. Our increase of population takes placo manly through our towns; and the cluss calling themsolves apricultural Iabourers havo with each decennial census been for many years docroasing. No doubt a young man, whether in this class or any other, is ofton incompetent to judge what is for his true intorest, but it is not always thll he comes of ago that tho decision in his case is delayed. If bo has entered youtg phongh as ploughboy, he will rarely change his lot. unless, indeed, unfortunately, he should be caught up by the rearniting sergeant. It is thus with the father that the determination of his futaro generally reats, And a jury of labourera, partly fathers and partly grown-up sons, are likely to give as true a yerdict as a jury of their employers, their benefit.
We notice that at Lavenham the other day Mr. Baker, a member of the Iocal Farmers Club, proved to his hearers, as bo has since proved probably also to most of his readers, that the ordinary agricultural labourer of Suffolk is upon the whole at least as well paid as the ordinary unskilled labourer of the town. Assuming farly enough the wages in the two cases to be 10 s , and 148 . a weok respectirely, and valuing to the former his harvest money and his gleaning, his garden and bis cheaper cottage, it is found that they are nearly paid alikethe whole of these advantages covering the difference in the actual money payment, amounting in fact to $4 s$. a week and $4 s$. oyer-thus making him 4s. per annum better than the other on the whole as regards mere power of purchasing. But when the physical nad moral condition of the two are contrasted, Mr. BaKER says that, what with overcrowdnt and all its evils, sanitary and social, in town, there is no posmbility of reasting his conclusion, that the country man is by far the more forturate of the two. Many instances moreover can be named, he says, of men in good social position, substantial ocoupzara of land around Levenham, who have risen from the ranks of the common agrienl. tural labourer, showing that such men are not the downtrodden helplegg class which it exits the purpose of somo peoplo to call thom.
The disctisaion which followed Mr. BakEr's paper ( p . 112.2) is well worth reading. The meeting was fortunatoly prosidect over by an outspoken chairman, who began apparently with littlo bit of aarcasm:-" There is no item which Mr. Baker does not include in his calculation, viz., the allotment ground-acres of which are let to cottagers at a rent of 1 s . per rod '" To thes, however, Mr. Bindell roplied"Mine pay only Bd.:" and Mr. Orpen-"I know some places where they get 10 rods for
88."-Newcastle had been referred to by Mr. BAFER as exhibiting many of the worst features of town life; and certainly if any one desires to visit the mass of houses chastered in the valley on bisith sider of the river Tyne. Tho Chairman fortunately knew Newcastle-mpon-Tyne, and this is what he said of town labourers there:-

Newcastle-upon-Tyne had been mentroned, and he could state, from experience of three years' residence in that then women, boys, and girls. They sould find houses there, too, as oeat and as clean as he could wish to see.
The people there, instead of living upon potatos, as The people there, instead of they did in this part of Sufolk, lived upon oatmeal,
broth, and peas, and their arms wero twice as large as broth, and peas, and their arms weoro of this, he might mention that a gentleman who had an estate in the North took some men there from Kent, but he found that they could not do anything ine the dadness of the that the North countrymen could, but perhaps it would town houses had been meationed, but perhaps been menioned at an, as he could find
(Lavenham) which were not fit for a pig to live in. the rates of mortality in towns with those in the country, for wherever large manufactories were cartied on, people would be sure to go in search of employment; sometimes they would get work, sometimes not, and many of them were really starver to death. He thought the country places were as bad as the towns as regarded overcrowding. A great deal was sain causes of illness among the country people whe grear crowding. He had been into houses where the father and mother, fonr or five grown-up boys and girls, and three or four children, all slept in one room."

Mr. Rinder did not much help the case of the agricultural labourer when he offered an explanation

He was sure the Chairman wonld bear him out When he said that hall the workmen did not deserve nice respectable cottages ; they tore down the staircases
and broke ap the shutters to use for firewood. There and broke up the shutters to use for firewood. There build niae respeotable cottages."
It is plain then that, whether the question be one on which a diocussion before agricultural employers can bear useful fruit or not, there is a good deal to be said on both sides of it. "Town labourers are huddled together in miserable lodgings unfit for haman beings." "Country wThere is ecarcely a native male pigult in Bethnal Green who is fit for military service." "Nowhere will, thin find stromger men, woment "No man is in so comfortable a position as the provident man in a raral district, who may earn year in and jear out 163 , a week."
Probably the gafest conclusions at whioh an outsider, patiently considering tho various allegations and opinions, can arrive, may bo stated thus:-Both in courtry and in town great poverty and great misery exist; both in country and in town the provident and well-conducted man is able to rise in his position; whether in conntry or in town, there is no kelp, even for the "helpless" classes, that can approach self-holp for its power and efficioney. In the worst paid agricultural districts the joung nnmarried agricultural labourer has plenty of pocket-money. He can squander it and acquire habits which will render comfort in after life ampossible, whatever be his carnings; or he can save it and begin life with a good character, is houseful of furniture of his own, and the best girl in the parish for his wife
The possibilities of the agricultural labourer, Whether for decent comfort or for utter misery,

 thiem from the chanden of town life, will at least have done them no harm. Paying them as much as possible according to their work, i. ". "by
the piece," and interfering successfully by friendly advice in the alternative before them of saving or of wasting wages in their youth, he will have sccured for them a place in the higher division of a class which contains a large proportion of individuals living in comfort and reepectability.
Inactivity and low trade on Monday relapsed into the Snglish Wheat is quoted at thes. per qur. at Mark Lane, amd the highest figure named for White is the Inice tamples of Barley are in dernand, at full ratam Inferiot Barley, however, and other spring grain and pulee have followed the deoline in the price of Wheati declined cousiderably in the metropolitan markets also supply haviag beon in excess of the demand.
seed trade has no prominent feature, - English wool although steady in demand, does not increase in value. - The following question deserves a prominent place spondent, be and others will be very much obligeri,
"A Constant Reader" writes as follows :- "Wili "A Constant Reader" writes as follows:- "Will
any of your able correspondents be 80 kind as any of your zble correspondenio as to the best
to favour me with their orinions as
mode of reclaiming a largo tract near to the sea mode of reclaiming a largo tract near to the sea,
which, by neglect, and the annual cutting of lient has been reduced from a flourinninn rabbit warren to blank waste of shiftung sand My object is to ket it
coated over, if possble, with a herb'ge suitable to rabbits and sheep. Bent, if left undisturbed, will, $1 n$ the course of time, spread over the ground, but it is not a Grass on which animale can thrive. It has been
stated tuat extensive sand-wastes in Russia have been stated tuat extensive sand-wastes in Russia have been bas spread over their surface a cont of verdure. Could
you inform me which Lupine this may be, and whether you inform me which Lupine this may be, and whit
it is wholesome provender for sheep and rabbits?

## - A large publio meeting of Cheshire farmers and landowners, lod by Mr. G. JACE8oN, of Tattenhall,

"That hookng at the foarfal lome Cheoline has sustinined by the unrestricted gpread of pleuro-pneumonia, and tho leasona
trught at Aberdeen and throughoit England by the cattlo
 opinion that slayghter ohould follow in all
the Chie? Conatable to bo plouro-pneumonda." And

## "Tl. <br> Cuat the Cheabire eattle owners, relying on their own

 slaghtercd in consequenco of bavin y plewro pherimotit, aud that the Chashire Chamber of Agricuilture be invited to patro-
nise such a oounty cattle insurance association." The last acolution wo not carried withont
The last resolution was not carried withont opposition, many similar associations; but Mr. Habrop, of Frodsham, siid for the last 17 or 18 years he bad been connected with a society whioh had not come to grief, and Whech had paid some thousands of pounds compensation. many to whom he had paid money-one to whom he had paid 3001 .; and every shilhng was paid that that association had rgreed to psy. He believed that a Mutual Cattle Insurance Society was practicable, and it was the thing he had been apitating for the
last 10 yearg, as agent for the Noriolk Farmers Insurance Company. The opinion of thair manager Was that 18 . per head, or at most $18.6 d$, would insure compensation to the extent of $10 l$. or $18 l$. That would not quite compensate for threafourths or more of the $\mathrm{H}_{\mathrm{e}}$. As the working part, don men in every villege who, with the assistance of a veterinary surgeon, could Enp paing they did make a mistake, it was hetier to slauzhter one in error than to lavive it to apron I divence throughout the naighbourhood. The resolution wes put and carried.
tion has been issued, whioh proposes Supply Assooigtion has been issued, whioh proposes to bridge the interval between the purchaser and the producer,
much after the fashion of co-operative agenoies, The following extracts explain the principle on which the Association is to act; and it is, wo think, so far sound, inasmuch as, by the addition of another active firm to
the many rival agencies at work, it contributes to incresse the intensity of that competition on which we all depend for cheapness. Among the names on the
counrsl are those of the Hon. H. W. PKTBE, of Fisex; Mr. F. S. Champlon, of Sussex ; Mr. G. B, Sol, Kent; and Mr. Trask, of Hampihire ; and other gentlemen. The prospectus says - "Tho consumer 18 at present separated from the manufacturer and producer, and large commiasions and profits are made by purchaser. This can only be met by farmers combining their purohssas, snd thereby obtaining farming requisites at a considorable reduction in cost. combination will pive farmers the control of the ageney through which they jurc liase, and enable them to
obtang genuine and first-लlas manufactured foods and
manures, which it is mow stmost ort of the power of single purchaser to seeure, for adulterations are now syatematioally practised, and the markets are fail of
inferior articlea, It will be the objeot of the Agsocis
 so that madirect of the manufachurer and merchant
with."
tion Among the subjects to come under the atten Tuesday, is the varat Cnamber of 1 gricultise mext use in corn and other markets. Mr. E Saril in Amotherly, Malton, read a paper on this subject the other day before the Malton Farmers' Club, in which a exsmple, an imperial bushel of coty are given. For 63 Ib ., Barley, 5iflh. At Maltor good Wheat will weigh Wheat is sold at 70 lb , to Malton, however, part of the The faotors, in making their rol, and part at 63 lb . estimate Wheat at cin lb, and Farley at the lb. The excise. whose duty it is to and Bariey at sti lb. The at 38 lb . Beans and Peas are returned by, the Pactors 64 lb . These diverise glve Beans at 63 lb ., but Peas at the settlement of way-roing therefore misleading in fixed by the Malton sy-going crope, where the prioe is



 Wheat is s.lld by the
Wheat by the buahel of
barrel of 196 lb . South
the comb
tho comb ( 4 buskels) in ward we find the load of 5 quartiers. The repor
7. lb. ; Barley, from Gis, to 68.8 den, , par ing
for malting qualitieq, an 1 at
 county contributes ita, queta to the gane
 some places it is sold by the soome Thai
 Without end.-It will be \& useful serrim df much agreement upon a point whith much variety and difference.
Times to the need of draining the Fell as of merely seweriug its sfreets mury syatem of pipes results in suint of bot and surrounding earth of their resped and in dry weather, when the natund se wnue 10 w , the earth becomes oharadr foulng, of a to wn's site in this way mitber matter is incvitably followed by diseas

 to cconomise all the anmat excreta of wewera for housen draining are therefort
that Mr. MasLIY DFS Jox's dificaly oven if dry earlh conservancy mem it
aincration. oneration.
Bath Mr. GoodwIN, the Secretary nd Bha Agricultural Society has issuad the fati po new volume of chat Society's Jomral. Its chiefly for Professor Banown's orhandir an
the foot-anil-montly divease, which will will more generally rewd an 1 studied jand th thity
 ampton Mecting, alid Sho apremle le Jot


## OUR LIVE STOCK

Me. DUCKHam's first periodical
Herefords was held on the 81 st ground at Hereford, the day sras animale being. sold at fair prioss.

 Foron \& Fiardings NorLs made
other bulls fetclied from 40 to 50 gat.

## Rn off so briskly, Mr. B. Rezera

three monthas old bull-call was s
Mr, T' Jelfriex, realised the Fereford Times saya the pricea. added to those of their samas, the pert is sis of the increasing demand last summer's bull-calres bro calves averaged more than especially to the Grove stook

## smle took plase nt thu <br> were for fhe mostint part satisfacto

reforence to the scoompsanying
46l. 8s. $10 d$ upon the 89 animals
30 cows and heifers avaraged $j 1 l .11$

We are constantly remindod, by the rasults o of cettile. The gale of Mr Empsons by ns of ceathe. The sale of Mr. Empson's most Dew proof of this faot. Only seven out of the yiven was 37 gs , The average over the 17.9613 e Gd The Ta, and the sum The exception to the
 quality, and hair,
in form
1 set in th jedigree
tittle
 ouIvar, without pedigree they are nothing.
is what Mr. Wrilloughby Wood has been is all brecders of slock. But, we would ank peligre important ${ }^{\text {? }}$ Is an ammal good and because it indicates good qualities in the In other words, does it follow that because animal has a sptendid linenge bo is necessanly better in one lesg favoured in this particular? Although pedigree very high, we would ask-Is there
fear, at the present day, of a list of
wished names being thought too muoh sodigrees on paper, as Lady Pigot has rom. Let us suppose the case of Duchess angetting an inferior apimal, which is posbich is a shade more likely, then you have a In paper, but a produce briviging dis-
leep up their charagter. Once rive to nedigree, and you digress from the amard of prizes breeding-selection quality, symmetry, and early meturity erence to pedipree, a healthy check popo reliance on blood? Wre want good animals frigreed ones; and a fine pedigree is only because experience has shown that it is our high-bred enimal is inferior to one aristocratio descent, what becomes of the your pedigroe? We antioipate the answer. will bo better. Let him hien zet stock, be prizetakers, if he cannot take prizes him qualitios he be victorious because of some a the next renergay

## THE IRISH LANB QUESTION

## 

i Whs at a little local show three weeks ago in the aides of Roseompruon, where there were 500 entrica I no less than 400 head Noscommon sheep on the thtei. Eash animal was numbered, and there wns a intol catalogue, there was a set of judges for ouch

- of stock: and although we think we do the thing
very well here, I can asure you that in many mocioties a fers words to say about the Irish land question have Hou naturaly suppose that 1 , as a temnit- inarmer

 one mint they demand fixty of tenure. Wart does
this mean, hut that ryers man who now weupsing en are of land in Ireland should oucupy it as long as erer he likes, at the preseut
paya the landiord his nrement
 berome a cort of lor 1 of the mmor,-but he will Larilly
be this, because the lord of a manor inflicts a fine Whencter he has a newt tenat, Ife wit not bo manelt rent-charge, the only alteration is to be in erse of
depression or advanre of pricts. I would ask if it 1 good for the country - inlependent of its belar a flagrant assnult on the rights of property-is it good that anything so prepostorous should bo granted? There is annther thing hrought forward-namely, 13.12
 bubldings and farmer's honve, and pierhaps some hatrdozen cottages; but if he had it in Ireland lie would hare is therect any body, unless he is a malisonnare, who could afford to do that over a larke estate On a good
and well-managed estate there is a conval ferable assintance given to a tenant. If he wants to build a house ho generally gets the slates and timber, which constitute the chtef part of the expence, from the landlord. 1
bave had shown me the result of an immense amount of money expended by landlords, which thry horrowed fromi Gorernment, in dranman and improving estates,
and not a smgle sixpenca has been charged agzonst 2.10 emant
Then, again, there is a great rage mainst the absentee Mandlords. Many hard thliga are sain abnat them the most generours; that their rents are cheeper; and that their agreements, when there are any (agreements in Ireland boing the exceptinn and not the cultivated than those of the Emaller resident proprietors Then you hnve read, and you have heard a reat deal said, about the eruel crictions an I reland: beliese that tho land ords in Ireland change their tenante so very sellom that thes moutd do angthing

thinh they ought to do, hicy allow thent to be subdinced in Pomost injudicious manner. feo evictions in Ireland; and then they ton tre of the wholomele
confiscation of the tenant's nroperty by the landlord. I m 10 the property of the tenant in Great Brtain in twelve months than the shole of tho Iri-h landlords have lisut zou whill tell me rery truly that tro wronga do not make a right, and th it if anstling exists whict causes even exceptional injustree, that 13 no rearon
why the law should legalise that injustice. If a landlord will not grant a prood tenant a lease, if he evorts him, or unfairly ralces ins rent mhen that tenant has
spent a large sum of money in improving his estate before he has had a fair mportunity of sambursing bumself, I say there ought to be some cheap, competent, and ready tribunal to whech that tenant "ould appeas to decide what compensation he is entitimi to. It masy there are throughout Ireland certzin courts held bs assistant barristers (who are somethug like our county court judges), and it ${ }^{15}$ nes opnion if gou had four commissioners ayp intel in each counts, two apponted by the landiord and two appointed by the tenants only to give bis vote in case they could not agree, such a tribunal would command the contidence of the lebants and would be accepted by the landloras.
There is only one thing I have altered my opinion about since I have been in Ireland, and that is the
buldunzs. $T$ was bolp nanual to cay in the House of

 he could sell them or remove them as he pleased. thought that would be enought but, having been in
Ireland for five weeks, id not now bolieve it. If a landlord lats a fot of land in amell patchea to people and knows they are going to build upon them,-if ho winks at their putting up their cabins, or pig-styes, or whatever they be, and then evicts them,
bounden duty to pay the full value of those buildings though they may be to him a source of nuisance rather than profit.
Then with reanal to leases in Iroland, it is suitl there
are no leasea. There are more leaves in Ireland tlian in this part of Nurfolk there are lesses for live-, for
 hive declined to sign, but to which I shoulid have checrfulls put my gignature, and hate consi lered the rents to bo very libaral. I am in favour of erry good tenant having a lense, but somatimes you cannot make them take these leases. We Were told at the North Ireland was to make everyone take a 30 years' lease,
and then af the expiration of thit so yearn' lease the durmg that time, Ilow could you poestiby hovemeat dnctrue in Irelan 1 and not have a simitare that England and Bcotland? In Bcotland they have leme rule, exprends happent than an Ir th teuant. Then you see what nemphaper the end of the lease If you take upany und the, has a whole lise of farms to be let by tender, and the out-roing tenant is no more reganded isan sou ar I should be Thanh Gol, that is not extended to ()ne other remedy yut forth la, that the Tister tended to the whole comphts of frehnt hould bo ex aware what this 19 . If the tonant-rintit was fur the pas unent of umextauste 1 , mprosementa mono would Eive it nigre hesty suppret than I Hublal do, Gut it is less than thrs; and depends, not on the condition of the farm, nor on the improvements thast tho tenant has made, but it depends for its pane on the rent that the who allows is to be sold. I spent to jou as prection minn Spipmithit Thar lenstht-rinit was to become

 to lay out, and we should not recelve one penny more atcrest for our 201 thau for -on at present. I ask you macteral men, to say that such an extension of that tenamb-rishit would be the most damagag thang that One ottier fitthe matter is, that there should be written agreements. Well that may sound, and doubtress is, a vers good policy; but when you have partucularly objects to pht has name to the agrement: he is allosed, perhap a fortmolut to tham it over, and then, when tsked what he thans of it, says "Think in angthing agrinst me, I have not looked at it" Then to siyns tho agrecment, aud also invariably breaks it.

I lave heard of another thing in the House of Commons, and that is the tyrany of landlords in seizing a man's erop upon the land, and not paying very respectable mas, "Would sou not think it better custom than zou have now, that when you left a farm you should have your straw jour hay your

Four honour, I wi 11 nat hat tather anel it as I do."
Hhat is the gese: Wrien a tomant goes he sells off the who pars his temant-right for the goodwill of the latin comes in and finds nothing apon if whatever.
There is a little improvement which I thidk migh o made, and that is with regard to s Eix months ntice to quit. I say there ought to be a 12 months Cngand alat sarmand. Bot int Ireland only, hut in reand the tenaneres there are solong and so uncertain as to when tiey beran,-as to the time of year-that it s the nivariable custon to give i2 months notice, and therefore, what I thought would have done them a
great deal of good wouli be nothing foore than carry as out what they practise now Then I tried to find hit a rasticas brterance, and 1 distorered wat 1 pad by ane. In Ireland the jours rates are half cenicd the landlor f, and half by the tenants. This reland hood arrangement, but the poor's ratos in pound for the year, that the tean being only Gd . in the gull out of it, but $y$ ou conse to the counts rate, which hey call cess, and whel ibeludes the roads, and this frequently 48 . to $2 . s, \mathrm{Fid}^{2}$ in the pound. This is all paid by the tenant, and I sajill the policy is as goon in the one sase it would be etill more so in the other make those gentlemen who levg the cess very oiten provements, and somes the dratage of a river is done by the Board of Works, and the whole of this expense is put on the county cess, Whereas I think the tenant I belicse lonesily and truthfully what have shawwed out would weet the approval of alf
rifit-maled men tonterned in the management of the land in Ireland

## MUSTARD.

Axomg the fow monopolies which are mon in existonce in this country, perbaps the most exdiative is that of the Mustard srade, which is entirely in the hands of some hai-dozen manufacturers, suoh satate of affairs is bigbly detrimental to the qrowers of the seed, who formak
Red or Black Alustard geed (simapis nigra), is almost exchusively grow fly and some part of Yorfoll Lacolnshe, ther onl. ane market for it and all bere is, howeser, only whench to sell their produce L'has fact in thelf serma cuntrary to present cualoms resudes whicla, only on ahout four Saturdaga in the jear can it be sold at all. This year the erop has been unusuary large, tae yiel beng far in excens of that of the time when it was being harresied, a great deal of the soed was secured in a damp condition Last Saturday was the chief market day for Mustard,
the town of Wisbesoh being almost full of growera，the and in the Corn Exohange all other trade was nearly and in the Co
The manufacturers，as usual，were very independent， and the farmers，not being able to make the rates they wished，had to be contented，nr the reverse，with the highest price the buyers would give．Several of the
manufnotarers refused to bid for grey gamples，and the manufotarers refused to bid for grey gamples，and the
few who were not partimular as to the colour of the seed showed a remarkable determination to give very little for it．
Although a large quantity of the seed shown was much discoloured，yet there were many gamples of very fine seed，and these made fair prices；one gentleman from Gosbiton，in Lincolnshire，sold a parcel of
2000 bushels－of his 0wn growth－ior 14s， 3 d ．per bushel；this，however，was an exceptionally fine sample．The average price for this years seed will no reach 24 bushels per acre；but on some of the newly broken up pasture－land the crop has been very heavy Loud and long were the complaints to be heard from those sho had been holders of grey seed，and buyers，Mustard，and all connacted therarith to a place where，according to report，Mustard and sll
other calefacients will be superfuous．That the manufacturers are able to lay their heads together， and thus compel the growerg to take their price，is whole trade of the article is in the hands of as the large firms，the poor producer must grin and bear it or grow something else．Messrs，Rnyle and Headland state in their＂Materis Medica＂that commercial flour of Mustard consists of－Red Mustard， 98 parts White Mustard， 147 parts ；Wbeat four， 56 parts；
Capsicums， 1 ；Ginger，${ }^{\text {s }}$ ；and Turmerie， 24 parts．Such Capicums， 1 ；Ginger， ；and Turmerie， 2 ，parts，Such Meins the chse，it appears that Mustard really is not Mustard，but B compound in which the genuine seed
playsonly a part．
Possibly，but not probably，the Mustard－seed crushers are going to give the great British public the benefit of this cheapness of the seed，add lower the price of the manufactured article．If they do so，they， for it is a common complaint that good Mustard is about double the price it ought to be；consequently the temptation to small dealers to sell an adulterated article，eithar of their own or a manufacturer＇s mixing，
is hard to withstand．The result is not，the article put on the table for Mustard is what appears to be a base compound of pea or bean maal，of bakehouse sweeyings，disguised with a little oil
common Ginger，Pepper，or Chili－pods．If it be thought that bakehouse refuse is too foul a compound to use for this purpose，we would ask－how often has the reader seen a coarse dusty－looking compound on the table，in barm，whioh hes been introduced in soms nefarious
manner．No matter whether we en into hotrls or private houses，one of the most unusual things we Mustarl．Where this is fonmd，hometer，there is no
condament like at，an ？with the promo of raw Mustard condanent itke at，an ！wath the proo of raw Mustard
What it non is when it leaves the growers hande，this pure article ought to be general．At any rate，there
ought not to be that monopoly which makes the pure articla so dear that a great inducement is held out to unprincipled manufecturers and dealers to sell a purious compound．
Mustard makers will do well to beware in time，for as matters now 部放d，with the calculation whioh may ressonable price，s erast inducement is held out to the many capitalists who now want prolitable employment not reformoney；aud if these Mustard monopolias do its proper work－iadeed，the very best opening，we believe，which could suggest itaelf pow in the whole business of the country，is the manufacture of JI Lstard， with the view of selling a pure article at anch a fair price as Fould stop adulteration，and thereby ensble travellers and housekeepers to be sure of a mood condiment when

## LARGE AND SMALL FARMS

## Clube Inte quiarterly meoting of the Dalrymp



Whether by obtainme the sime crop at a smaller out the concimer，along with an increased the earth to cuittvator．Whother this end can be best attained by farge or small holdings is an undecided point，and in－ for exhaustive cultivation？Jow，it must poportunity mind that the words large and small are in this case only relative－what $1 s$ large in one county or district， orample，ciass nf land，being small in another．For agricultural one A areat part of the first mareht not pay to be ever othermise than in pastare，and the rent rent of the other．It follows，of course that per acre，the tive cultivation of the one is course，that the exhaus－
and the labour and in the other case might be two superiatendence required in the one gary for the same ertent of limes more than is neces－ I som dispoed to thin？for the the other．
mentioned，that a medium－sized farm is the best，and a messee can fairly and carefully superintend himsell， neither more nor less．There are，of course，exceptions to every rule－this pale．The disadvantages of a larke arm against which there is no set－off are numerous and very erident．In the first place，and chiefly，there is scarcely any trade or profession in whirh a man has to frust so implıcitly to servants，and in large farms this， of course，becomes more and more the case；while only faithful service can ensure satisfactory results，Prac－
tical men like yourselves can readily appreciate the difference between saying to your servant come to
sork，and having to say to him po to your work work，and havine to say to him go to your work．
rady，quite possibly，be the ditference between profit
and no profit．This is a matter of much greater import－ ance than in manufactures，because in a factory the workpeople are concentrated in one building，and con－ To effect so the eye of tho alicultural operations you would require a foreman for every man： one man to overlook the workiog of ofther men
employed perhaps two or three miles from each
other．I have heard menufacturers remark（and II find the same halds good in agriculture）that the larger the concern is the greater is the danger，and，indeed，the certsinty of waste and extravagance creeping into its trifling repairs，or a horse－shoe want nails，or any one of the humdred wants contipually oropping up， and implement may go off to the smithy the wright shop，or saddler＇s，perhaps two or three miles off，and at a loss of half a day One half of these journeys， farmer in a postion alus ys to examine the prounds of the neoessity himself．On moderate－sized farms it is quite passible to find useful employment for the field but where the servants are very numerous this is much more difficult，and involves an expenditure he some saviag to the lanflord，and consequenily in rent to the tenant，by the concentration of build－ nore than connterbalanced by the loss of tumo navoved in men，horses，and implements having to
travel long distances to and from their work．In any size of farm the extent of crop primarily depends on the amount of seed sown，but the value of the profit depends on the economical workiag，which in its turn depends upon persoual and careful supervision．I am therefore disposed to think，for the reasons I have eonnomically，and that farmers will find that after they have passed some such limit as I have laid down their proits are in an inverse ratio to the extent of their less in proportion．Of course，I do not mean that this
 as muth of his if iftal would probably realise ansiety attendant upy of the ran
Every man in any businese of an honest andisiness， entitled to be recompensed for his anxiety and troublo and risk，and if the returns on his capital do not sulli－ said to ba a paying one；and in this sense，to wheh I do not bee how any objection can bo taken，I quention which a large farm undoubtedly powesses over a small one is the power which the holder has，on ac a cunt of his extensive holding nnd has larger capital，to employ machinery in his agricultural operations with ceonoms． The use of machinery involves at first a very large expensire for a amall hol fer．The interest，even if he his reat，while in the opposite case the interest will be but $a$ small ttem in the whole expenditure．The adrantages，the power of getting his work done with
the greatest possuble expedition in suitable wenthor with an important saving nf wages；the speedy and power to be early ung the market，snd to sell at once，
should prices rule bikh．Thie last is a matier of greati importance，and would weigh materially against any ergument，but that I hold that machinery at
cheaply applied on medium as on large farms．
There are two points to
astion：first，the shitability of machinery to the extent of the farm；and serondly，ita sumtability to the means of the farmer A－to the urst，I sprak from
experience，because my own firm is a medum－sized experience，becaulue my orn firm is a medium－sized the interest on field manhinery during thto account， dile，the expence of working，\＆ $\mathrm{c}, \mathrm{I}$ sated conadernb by its possession．In proportion，I am coavinced，is outlay is proportionately less farma，because my first now，for instance，whech in threo or four seasons will pay itself in wages saved，and I shall have at for nothing long period I speak generally of the machunery in use in our neightoourhood，and I except to the formation of the land are not adapted to the second point，I am bound to say that those formers who cannot or will not spare sufficient canpital to provide themselves with scientific sumpliances for the
cultivation of their farms，are placed at a bit are easily distanced．I do not for a momentid
have exhausted this subjeot in this brit
time．I oen only hint to you the reasons
established in my mind the truth of tho
that，white large farms are good established in my mind the truth of tho
that，white large farms are good，modernto
are better small holdings I lo not think adm I lo not here speak of sma，or peasant propring argument quight havo to be revised．Nom， generally，and without regird to the argumet，
to add a few words more．The progress of application to arriculture is raphi，and the fire neglects its teachung wil spceduly be strandey
shore，while has ncinibours are carract on shore，While has nelinhbours are carried on
and if there is one thang which sciman common sense，teaches more clearly than it will certainly not be liberal to yous．It $\hat{y}$ servant when wear in mind that，wherthir
thrown away，Bear jou must altways incur the bulk，of the em
generous treatnent，aud it ly the exten make the proflt．You have，say，s field d／
you must ploukh it，but it may be that ilouln little extras labour to make it bear a good cut． labour may bo lont，which would harob bean the use of good seod，only a hetle dearer；atil
that at a critical time in the growth of the extra manure for forcing wid make the betwen only a moderate and an exadite
should like to see everybody thorouphly in order that the most may be made of theit have none too much of it for our popplat available for the wants of the people and land shall flourish like a well－trimmed mit

## Fonte Corresponornt． <br> <br> Depth of Drains．－I obgerve at p． 1091

 <br> <br> Depth of Drains．－I obgerve at p． 1091} appeared to me that the depth of the drume depend mainly on the nature of the sil
conclude from the address of this lothar thas
for some milos and for some miles around this neighbourbod from 5 feet to 10 feet deep．A reighbur bnught an estate a fow ze trs ang，and laid our
siderable sum in drannm has helds for anum and，acoording to advice．Talil his pipes 4 le 2 feet below the clay．He found，howerar， better．On the caunc hemz explijiued to his if he was perauded to tane 12 pms drans，and the
 rentins iprub，instial of lying under，the clas．
the depthe of the dra $11=$ innat depend on the os

 understood．I think that 4 feet drans niu
bo as eficient as any other，if placed suffurent／l）
each other；but that when an imperfloul requires frequent draing，and there is no bothon and equally effective．I also know that mbed measure 13 fuund at a greatcr deyth，say 69 and that the mavjog made by uisng them mon my case，at the least 20 per cent．On these
think the Enclostre Coumssoners would廿ary the dapth of theqe dratns ancordingtoting

## Fioffingham

## Wooliston against Tiptree．－Mr，Smith is 11

 Wath any knowloidge of aciounts can easily sutir
Stath is not an＂fucountant，＂cither by nswath
tesching In your number for $O$ tober 16 had



## and this represents interf

## the for a exorpt threnliang

## the cost of the engine，or，ssy， 12 and


on which to charge interent，wear
what Mr．Smith bas forgntten alto
ciation．＂It 18 customars to reckon
interand
intersat，and 10 per cent．for wear
eration；or 5 per cont．for deprecia
repairs acconnt for
repars acconit ine mear nit ten
Mr．Smath＇s＂repars account，＂so
asual way of 15 per cent，to orer
per cent on 875 l
aver，that 109 acres is out tho whole quantir
ctually ploughed each year. But $56 l$. 5 s. spread over
25 acces would amount to 5 s. per acre for interest, $r$ an 1 tear and deprecistion, instead of the simple l, whinh Mr. Smith pots down, Can Mr. Smith Meet thouk off the Woolstan sophisms? $G$. $A$. $H$. and that, over the number of days in the year on rm were large cnough, the engine ork, 15 , we presume, his justitication of the
ing and sixpence an acre is l2s. a day the ensine during 100 days per annum at this rate, involve a clarge of foll for interest. of steam Cultivation on the Woolston system Mr. Bntes letter was in the Times of Agricola, had better ge a copy ory 66 , and see to the "correctness" of them himself ho will do so, for it is not kentlemsuly to openly Now for the particulars

## St inteded the smanseshora by stoam-power on part of  nishud Yo. 2, heavy land, at 5.10 P.M., $22 \%$ acres: then sbilted to No. 1, heavy land. unday.

 $=$finghed No. i, heavy land, at 8.20 A.m, 161 acres.
The men wera at dumg cart the rest of the day. The men at dung-cart all day.
Tacklo ghifted to, and ktarted on 1 ,
working the rifzer and subsolier.
Worked all day on No. 0 .
Finished No. 6 (14acres)at 11.20 A. Na, then shiftod and Forked all day on and gubsoiler on No. 1, light land thestackle. and ( 12 net the smas) at 8.20 A.M., then shifted
is to work on 11 shed No. 1 ( 12 acres) at 11.50 A.M, then sbifted the tackle to No., , light land, getthg the ridger Forked all day on No, 5 .
1.Lal cd No. 5 ( 12 acres) at 11.15 A.M., and thon
packed up the tsckIe for the year.

Tho total consumption of coal has been (on the 109 acres) oy ouly is yenra of age worked the implements detring
whole perlod. have noticed Sundays and dung-cart to make it quite nashed 71 acres in $8 \frac{1}{2}$ days, and that I ridged and sub. onth of 6 inches, and the latter fromer 10 to 12 inches. W, I must give a day ${ }^{3}$ s Working expenses when

ploughboy's assistant is not needed with the is. per dey. The averare daily consumption of conl s $11 \frac{0}{}$ cwt, and a fraction, 99 cwt to smashing, and ctre to ridging and subsoiling. The 71 acres of
 Men for 81 days, at 18s. per day
Coal- 4 tons $19 \mathrm{cwt}$. , nt 16a. por to


an sverage of 3s. 2d. per acre, jet not quite, for I ad thrown fractions away, Ihe 38 acres of ridging and

Onl, at 90 thens dey
eb 18 14
or an average of bis. $1 d$, per acre, and a very little ober 11 , Istand that is all, in my letter of Agricola" may now see the data upon which my ement was foanded in both cases: 1 s, Gd. per acre be addod for intorest of money and Frear
tcar. Now, lot mo toll "Arricola" one
: I am now petting my acres of Mangels Ind the last yeares ridging and subsoiling for them is cost of $788 d_{\text {per }}$ perdging and subsoiling for them, has left the land in such alivg wath horser, at a cost of 2 s . per acre, for Whent his autumn. "A aticoles" of may, per acre, for Whent likes, see this
one, and ho may also see my Wheat that has already
er n planted on seed bed coting on


 a.l lill of 5 armang to seed of Mangels, I hare
t was drilled with seed obtained from Soot. Oue half iv portion very fow indeed have run away, On
other talf, from sped purehased of a local den large percentage have bolted, and i have from hed was cultivated and trested in overy respect his would anly one day intervened in the drilliag tason being the cause, as the weather was the same in
both parts of the field, and in my oase it would appear
to be caused by the difference of seed. $F$. Wigell Loughton, Stony Stratford, Oct. 22.
Sand for Bedding - Ses-sand Sand for Bedding.-Sea-sand has been used in my Eleres, in place of straw, for the last two seasons tree from colds, they have also had cool feet, and then IIeallys, Bearmarts, Oclober 2

## Societies

## batel and wlist of evgland.

Bath: October 26.-At the usual meeting of the Council it was resolved that the Taunton meeting Councal having approved the stock and poultry prize ated. The total amount offered in prizes exceeda 13501 To encourago proficiency in horse-shoeing Mr. Míles, of Exeter, again offers three prizes; jt being stipulated hat no man who has won a ist prize in this compet entries must be made on or before April 20, in the conditions afferting the eximbition of stock are (1) the appontment of tho an-pe tor to erminte herp al report to the stewards any cases in whioh sheep have "all cattle will be required to be pararled in the ring at least once a day, at the discretion of the stewards." an ingtation to the Cornel frosen pinamesenter the inhabitants of Gulldford and neighbourhood, for the Society to hold its meeting there in $18 \% 1$, a deputation was appointed to visit the town, to inspect the ground offered for showyard and fields, and to repor to the Courcil at the next meeting.

## Farmers' Clubs

HEXHAB
The Devplopment of the Agricultural Resources of
 make the following extracts - When I consider the great importance of British apriculture in its refation to tho supply of food to the peoplo of the United of the attention of all who take an interect worthy prosperity of the British islos. I may say, in commencing, that I have no extravagant theory to present to you, or topian scheme to enforce, nor rational, and enrnest manner to present to you some tend $m$ smme very humble was to the develogment of the agricultural rempur.es of th a ermatrs. 1 h, min the top of Skidday, Potatos on he crest of Snowdon,
Fhite What on the surnmit of Ben Nevis, not evan Cutriget on the ridge of the Durkerroon Monntins of
Kerr. As the quantity of lavid in fhese islands cisnot be increased as the inhabitants increase, and as we do not possess "he resources, of brother Jonastana in being make the best (the very best) use of what resources are at our disposal. In this age of wonderful schemes it is not very likely that any great engineer will be able to shift us from our insular nosition by arifting us domr must be content with nur temperate, rather fogery, and uncertain clumate. However, it has this important advantare, that it is able to grow the finest beef and mutton in the world.
Population,- Iccording to the census of Anril, 1stit, the uumber of mhabitants in the cuted Kingdon, 29, 334,710, and now in O-tober, 1899, taking into , caloulation the annual addition to our pot,uation, our numbers will be $81 \frac{1}{2}$ milions; and in 50 years more according to the present ratio of increase onr people show the development of the Anglo-Sanon race, we may say that the United States doubles its population in 25 years. "Should the same rate of increase go on Wales quote irom. A. Coke s census) Lagland and expeoted to number 36 millions of the human race, oxpected to number 36 millions of the human race, ncreased to 73 mollons, nearly four times its present mhabitants. Whs, however, is a pornt none can
determine. We can lut entimate the prombinties o
the future by the increase of past yeara." On an

in England, and, with the exiejption of Bolgium, wit 400 persons to s equare mule, is one of the most densely populated countries on the face of the earth
 numbers subjentio it is granted that our population rauch oorn is required annually for our own consump that 1 quarter of corn is required con an average to feed avery man, woman, and child for one year, and home also, of good unthority, eniculate 6 bustrels per so probably it may do zo in this arse. In my calcula tho truth, and I find we wíl require about 27 million quarters of
Our Corn Groving Resources. - Taking the lBoard of Trade raturas for 1868 , which is the latest and best for the United Kingdom:-England: $8,396,890$ acres of

Wheat ( 310,000 scres increase over 1867 , partly in consequence of the failure of the Turnip cron) : $1,780,210$ Wheat, 151 , wos do Barley; $2,7,1 \mathrm{i} 3$ do Oate. Stotinnd124,183 acres of Wheat, 19515 do Ilarley, $1,011,430$ Barley, 1,699919 do, Oats.
Wheat Grourn - For the present we wil only concern ourspires with Wheat, or human food. We had in
the United Kingdom in $1868,3,951,018$ acres of Wheat 31 quartors (some siy moro) as an ectimate, We find that in 1863 We gre
Wheat Imported.-According to the Economist, our importation of Wheat for 1868 was in round numbers rather over 8 milnons of quarters, which pratios of sears past our average anvual importation was 10 millions of quarters of corn. Tho annual increaso of corn required is about 20000 n quarters for the increas And now takir into greount the pro portion of Rye Oats, and Barley consumed for humat ood, you will find our originsl estimate of the annual consumption per head to be very near the truth. Dr and (r. Account - I look upon every effort that
 and I also lowk upon all hind that is farmed under its industry, energy, or other causes, as being to the debtor or losing side of our country.
Beef and Mutton- Leaving this corn question for a bef and mow turn your attention to the question of of the annual cond tiking Dr. Wynter's statement our calculation, I find it requires (exclusive of fish fowls, rabbits, hams, bacon, \&c.) $1,500,000$ sheep, 250,000 oxen, 30,000 calves, and 30,000 pigs, and taking into recolnt the fact that the poputation of London is 3,000000 , ubich forms ahnut the tenth part of the population of the United Kingdom-in round numbers $30,000,000$ (the Mark Lane Exiprese of the 11th inst., in speaking of the corn question, makes use of the voously, it is a comeldence and also a confirmationsand I find that we require, as near as I can come, for our annual consumption, 15,01000100 sheep, 2500,000 oxen, 300,000 calves, and 300,000 pigs.
Cattle Importerl - The cattle imported are as below pectied. I arrived at the conclusion byaddingone-third to the first esght months made up and published by the Board of Trade so as to bring in the last four mantlis Cathe, and hors 20301 There are ald comparatively minor importa of salt beef, pork, bacon mas, \&. , whteh I is not take into aceount. It will


- umber of Lite Stock.-The following figures will show the anmber of live ntoak in the Unitot Kingiome $1807:-$
$\begin{array}{lll}\text { Cowr, } 3,625,137 \\ \text { Other kinds, } 5,458,279^{\circ} \quad \text {. Ineraans, } & 81,343 \text { over } 1867\end{array}$
Bleerp and lamboa, $95,807,810^{\circ}$
Piges, $3,169,167$
Effect of Eigh-priced food on Stock. "The hig rice of pigs and sheep in 1R6月 had the effect of in mor hat 3 car. Wie see bow wonderfully the law of supply and denaand- i., ondy just stand ud uf yalue can regulate our supplies of food with a precision that is perfectly astonishing, and with reaulti that are of most relable data for our iaform thion, and hee p us to under stand the science of Polstira bomay, and to know that the balanes can le kept nithout
Land and Crops Required. - The total area of the United Kingdom is 77,513,000 aores. Of these, $22,161,58$ are urder permacent pastare, and i1,002,805 under corm crops-a part of whioh, Barley, Oats, Beans and Peas, are used for cattle food-and under Turntps, Mangels \&0, $2,782,131$. The total acreage under crops is , (ha, $u$, , which leaves a balance of $32,000,000$ acres of hat is called waste lands, when we whe mot sas that land cepas to specily, as the Board of Erace say untilled is erroneously returned under tho heading of bare fallow or uncropped arable land.'
Importation of Feding Stuff. - We import in vast Importationa of Feding stuff, - V e import in vast
quantities Oats, Barley, Maize, Peas, Beans, Mullets
lentils, so. the quantities of whioh we cannot now go
iuto, tul also inmene quantitics of lineed, cotton, rape aud rubien cakes, coutaining, as our agriculturists have found, the highest and most nutritious and feah-
forming substances, with lenst waste of ash, moistime forming substances, with lenat waste of tsh, moistarg fact, being worth nearly half the cost for that onlymonth, this item forms a very imporiant estimate it nature, the article that can be quackest manufactured nto beef, di, it is, in act, corceutrated ready for mumbate iransforanton into the indirgot manama urchaso we see the compenssting clause of Nature sod how also "the liberal soul shall be made fat" in inareased fertulity and larger crops.
Turnip Crop - Wo know that Turnips contain at sverage proportion of git per cent of water, and being nd the corn-land being required for foor tor mab, not mab, not
the question of "The development of the agriculturai resources of the United Kinadom

Waste Lands.- We have $3 \pm 000,000$ acres of what are technioally called waste lands. Of these there are published ions, $\bar{i} 010,000$ arces in Scolland consist o and phantations, patt a considerable elevation, and little improved), $8,000,000 \mathrm{in}$ Ircland unenclosed (generall quite unimproved, $3,001,410$ arres are mountain and bongroductive lands of every other kind. While I admit most frecly that a large portion of and is carmed in very high, irst-class condition, very large proportion is cultivated in such a tray as to be very unproductive, and also very unprofitable. In been done, but more remains to be done, and I look forward to the future of our country with promise, beoause the spitht of enterprise is abroad, aud young
England is putting on the armour fur the foe There are nesy victories, bloodless conquests, to obtain over the vast resources of the forees in Nature, and count-
less lanrels for ngripultural herees to obtain, m which
 and too often farmisthny, proportion of our peopie, and not lese renowned than war.
Suggestions.- In the few sugrestions that I have to make I feel the need of much wisdom in touching on those great questions which le before us, and wish to
Fpeak with perfect kindness and forbearance, and humility, knowine, as I do, that masy older and wiser heads than mine hare failed to solve or settle the
following problems, whelt bear directly on the solation following problems, whelu bear directly on the solution
of our subject. The converance of land should be shorn of tis cumbrous and expensive character, and be placed on a simple and equitable footing, so that the sale of land may become as simple-though not quite so quick -as a quarter of corn : as it is, tho premium charged Tlee law of landlord and tonant might be so contrived as to be not "one-sided justice" to either, but with such covenants for the muttal protection of the rights
and propertics of each as to produce a good understanding between them. In homely language, we may say that they sall in the satuo boat, il.orr aterest being incidental; and where this 19 not the $\mathrm{c} . \mathrm{se}$ imprope-
mont is stopped, and land deteriorates in value. Good leases, and fair compensetion for improvements on arbitrator, woild lead to this desirable consummation, as will also the consileration of the next phintio A medium of a mutual comprornise between the Jaudlord and tenant, treating rabbits simpiy as vermin to be the enjoyment of the hares and winged pame as already suggested by a large number of tenant-farmers source of dispute. the "pamekceper," the tenant

 The wate iands to be improsed, so as to develop our resources, and emply our allo-bolied pallpers who to be hoped that there need be no lack of capital atter the bursting of the bubblo "limited liabulity", with its extensive depressing results; and after the money lost on foreign loans and Quixotic enterprises, I doubt slower, investment in the reolamation and inpprovement of the land of our own country. No more wilful waste should be counteaanced in the matter of seware, Which is nothing else than "natronal losa," and the
utilisation of it will be a source of national gain. The sanitary laws alone (apart fromit the question of finance) will compel us to take up this queation.
More Meat, more Mramure
More Meat, more Hamere The manufacture more meat, more mazure, should be encouragerd, primarily as a sourse of proft in the animal; and, resources. It can be proved that the quality of a farm is befor its quanthty, so that as far as possible every efficieney, so as to donble its producing nower, and serl
of 200 l or more instead nf 10 n , and still under liberal
 neeessity of linging aside notions of stand ocmatiry still, zind
induced us to po on with the spirit of progre it has nut hy any means been an unmised evil to the agricu.thris, but otherwise.
culturnst is simply undevelond education in an agriculturist $1 s$ simply tudnveloped porer, for if in any age
the aphorism is true that "knowledge is power" it 13 so uns 'the leadine general primeiples of soience should he tataght, so as to enalle the farmer to grasp the leading principles of cause and effert in all therr
varied relationships with the laws of Nature: charanter of the soll, with regard to its camactty for bearing oertain crops: the nature of the growtrg piant, the laws of hife and health of the living atimal, so as to develop this knowledze in a utilitarimn way, whth a view to increase and profit. Thas knowledre must go practical character, it being quite impossible for any man actively engaged in the busineas of farming to sit in his study all the day long; this can only be done by We must heve men of thought,

The Pensant.-Better dwellings are in many places required by our peasantry. Better houses one working boter moral.ty. The of the farm would enablo the labourer to lake is teeper interest in his work, and an inteliment prido in the working of the sauie. A Well-educated peasantry
would also prove the hest safeguard of our country"prosperity, and would belp to solve the puzzling socia,
givectons s santing solution, to wit-pauperism, orme questrous awating solution, to wit-patiperism, orme
and other kindred questions. I most cordially sympathise with alid men who aro labouring in an earnest and thorough way for the amelioration and soltd instruction development of a noble race of men and women to be of vital importance to our nation.

## 3Rcbicws.

Horses and Stables. By Colonel Fitzwygram, 15th (the King's) Hussars. (Longmans, Green, Reader © Dyer.)
A title-page with not a wasted word, a list of plates,
 the body;" no "Introduction", no "Preface":-the character of the whole work is itlustrated by this "Horses and Stables" is a very quod and useful book, contaning a fund of servicenble information in a succession of well-arrangert short paragragis. lation and construction of stables, we read the cubiea. dimensions per horse in a number of public and of the inferior cab stables, up to 250 cubic feet in the Royal Mews. A common dimension is 700 cubic feet; all tho barrack stables quoted being, however, more.
This and the other chapters of the book are jllustrated. Wo have, for example, plans and elevations of goon and amper room to every horse, the Jatter inperfcet it relates to stables and stable manapement, the other parts more directly to the horse and to its treatment
under disease. We shall brag the work under tho netice of our readers by occasiunal extracts.

## 

Pact season brings its duty, and to those who love order, even in their bobbies, the preparation for winter poultry, as it does when the first chill suggests the wisdom of making some dufference in costume.
With the recollection of the unusual heat of last week fresh in our munds, we thouglit a friend was mistaken when, while looktng with us at some stock, and inerensing darkness, for cold nights and mornings," Imp mathie, thouzht ne, the change wo lid be ton areat
 that takes jace whate the days shorten and the mights chillien. The suan osea power, the carth become poultry to eat but that shich is kiven by laual. In many places, till this time, the chickeus, how nearly as large as their parents, havo roosted, ont and about. They have squeezed themselves still into the rip, in which they roosted when they wero first deserted hy hedges, but that must now be put an end to. During the loog nights between this and Cliristmas they want more ahelter than Vature has given to thow. It : perfectly true that all her works are perfert, and that all are fitted for the weather they have to encounter, but anyone who has had the opportunity of watching birds will soon know the diference. Instinet teaches a bird at ronst in wet weather to form a slope of it= body to shoot off the rain W. Wh the head tuked into:
the feathers, the legs drawn up and the horly droopin: the feathrra, the legs lrawn up and the hoily drooping
from the shoulders, the ran runs aff. We have seen it run a stream from the tanl of a phesent; but we
havo brought up our birdy artificially, and they cannot bear the same hardhlips that one can which has never
been sheltered. We have niten wondered that in a Wet tume partridges should find the plases hey dy (On
tho shelves of beetling banks, in the moutho of ralluts
 reason we must, now the w
fresh arrangements for them.
There there is plenty of room there is no diflienlty. All that has to be done is to bring th.e cha kens into
the fowlinouse to roost. This is sometimes troub eanme because after the hen has left the chickens they shi roost in the rup, and when they are too large to do so, way is to mone the some outside. We finl the easies use; fowls firm'y beleve there is no pare like home Where twelve l.tile chirkens ronsted firm warmoth after their mother had left them, 12 nearly full-grown fowls trma, squcezind and screaninnz, tho stronz onte making goow their entry, tho weaher folvetting out in a minute. This gnes on till, $\langle$ sistute dark, when they settle down as they cals. some, however, roost on the top of the rip. It may bo suffered while zoon an the weather breaks, and the niglits levgthen, they must bo brought to warmer and more secure roosting. The rips must be taken away, and the birds


Farm Memoranda,

## Wester llows: Oct. 20 a more bet hich

 remans the length of time it has lain in a
from
soahed coudition. On Aunnst 19 so commain
barvest with six. seythes, a s.nalles nunber hme
 wo lest in the fiedds as man of the copp er


 wero cut 1.50 as'res of Wheat, (), te, and Barles
number of stav, wat alout bi, Tho mbole

 anclided in the larsent cipenses, coasequed outlay is very mueh lemant adapted fir it The work was adme bat
 with the
after the have the sueaven c.it of that w..., fet, when would has herreny a morh number tho sesthe. We did not nutierpate that the of harvesting woulil be lessenel by the reaper, and conserpuently felt no disaphoiat th any materal lessenang of the espense on thaqumot lone as labuurers are so ahan fant and was incompar tbly hetler Inne are mle sulf their muveral use, opr hally what the crops
 for improventent Ahere as a hamerisent ous

 ralamity bad belallen them, as they laad ad rate. Sho was infurmed thit the sethen radier Uur irant
all that was spourei
what was overtaker
much of market for months to conne I'te a crop is being gathered in. Putato lifog, hinelered by the weither, is now being p parations for it are now going un, and tion of settles
 thin-seeding, but the tendency is fail quan. Whath gond soll, in of seed is sulu
sian sheper jts price thereto, no loube, by the llaname amo
ABBERTON WORCRBTRBSBIAR

## ABBRETON W ORCBSTREsBure in

 to the resulti of a trial of the allotment sid benerolenoe, and always \& friond uf the stantial nupaner, determined upon maket ment with a ew smalt anctuonts hard
 1 .! ! ... -t aprt (1) a res of the best land ot at Hectprament bat-been (ricalfuily athe
 the retas ranced from is ind jker
liame an 1 thins mitch by way of living ea 1 thile mutach by wiy of lue it I was he some at ros. per arre, and some of Tifant mon proncutad themselves, and all the Hore spewhly let. Waving succeendent so far,


 I H'r le nder prespectanpeared of a labourer reht cut of the land in time to nieet his To remove as much as possible the esetting the way of payment it was con-
wast for the rent till after tho honsing of
 Mr.

 alerest lal um frabtred dams to farr comaleration.




 ithan ardinisy firm work and


 Far a work is done watl interests done with a bearly
 the of the motement The farmer fores half
 e, and to tea romb, and gatns good will and Ihe fa ourer has a 1 or math the sty on

 Theuty jear I A loo got for 4d. per lb.; now it costs $8 d$. $\therefore$ and many elements of surccoss in the move-
I:

Es.an of ta- lat.anrer m sater.al
 hese, the

 of $1: 01$ aslus for sineral suicnec 10 say Hh. ravince in grade of two in ₹ handred ts a but it nutut remembererj that wo $\therefore$ "r In t epracent urdcr of things theremast wevers of wood ard dramers of water" - ar a that nrade tan been sitered, material u.remi, self-reliance strenthencl, and filtan istended Mr. Lanlett Las sit out land on iphb,urnf patisLes of Kington, Dormstone, and
if rif wait Lt tum I inn of ehery year - that in, the allotment $\therefore$ : $H$-t in lenant inhourers asmemble at ablerton table well stored with the old Engliak
of an l jlum puddiag, and keep the day - uay an 3 the one kept very recently wannversary of the movement
dis was celebratert by sparit. A I that ohd fimblirests in a
and tro ${ }^{6}$ rate 1 lom theme a mema 3) 3ers llace lathe men finner tributes emborshag the cordial erpresiong of a We hisar atat, Rrate host tenantry were freofy offered to Fishen utiored for anfailimp heath and unending
upputin. Worcastor Fferald

## Calendar of operations.

unme art it intwen Following for the Turnips of the


 rast, if f. flowned by dry weather, often ather is broken st the time, snd unsettled, it is to make olean work as you go mong, than to
narlun 'satun after scufllmg. In other wirds, heep the
 11 -
leg pioushing for winter 11 neat rifon t thes precedence of stisthla*s for Tartaps. Whate it tillowa the liatter
 fonghud the teams enter the lea fiold. If the thllave through the stubbles before the wh lule of next mon where the practice jurevals of smashisu up the stubble hith cultivatora, the ploughanz of the lea is dono with horaes, and, in suele masce, the teams shond be in the work of cartang whal permit. Nteam a balture is
prer, givil grase to nore cartimp in aniamon, with fewer then- to do it meng be next month, and ercn lo lough hefore, the teams car begin their rork, an, beaces the leas the teams have to follow up close to the sheep-folding. and then clearing ofl the Turnip fieks for house-feu took.
Top-dressing lear for cropping may be done as Jote as nutober, the plouphing being deferred until the top-

 gros up ahout the tep-dreoning, as as to liresent
 pamalime the value of the top-dremang bering at the same time washed unto the furrow-shro by the rains the farst hay and the second pavture, somo prafar apjigeng the compost the lirst year, and the snomer the work is done after the cattlo are taken ofT the Girass the better, if inable to be cut by the cartiar. And besides the injury from carting, rich romponts are more mavitum by the winter mins 'There is another to the of tosi-dressing, which may bo dome in frosty weather, but of this arterwards.
Mertozes for hay should now be top-dresse 1 , if the work thas not beed dono in the prerious monelis. 'The old flan was to apyly farmyard manure, tut the practice is a wasteful unc. Jieh eomposts mide by aturataner peat-earlh, seonrigga of ditelies, se, W. lh the li, from the homeateal, contaosts mande wath
furmbard manure, town sewage, wath the refice of farmbard manure, town setwage, with the refise of mantares muxed wata ashes, and that like, are to be preforred to farmanard munuro alone. Composis of this
 ham-harrun - ani whitu t.en wurk in mell


market, atad the sbablur proseluder and litteror is employment to hands at the homegtead. Mapy the more prufitable, the straw befag maoked for aftar
 tamimis lirathe
straw is required.
traw is required.
 butter dastaes is less to pluantaty, but it wat stit notere hot water and meal, abid a few mack on det whi produce the purkers. Full grown bogs fatton fast, and faster if their mesl-wash is soured; but cornmeal, seasoned with a linndful of avornmeal, anl

 the full market jrece for them tuesl a+ l L'otito:
Highlund shepp walks present a ullicent prictice rom that of the lowlands at this season, Otiober being oorn harvest month in many distriots. Frost, with heavy falls of snom, is commots on the mnre clevated on to clear ground when the boom is over. It ot. time kilns for drjanir corn in the stram were common, He once saw a sinall one capable of drying a stook at
tume. IRama are selected and pat unon Tharnisa to be n rood condition sad to turn in with the esses abou Martinmas, $2 . e$, the mudde of next month. Toward the close of the month sheep are "bathed," which may


$k$ il sheep-tich al d d,vate eutameoun erupsion- To kll scab, some add "sulphur vivum to the above, of oarbolio seid and meroury) are neaded. Others


ovmmon saive, and will smear a score of blackfactu or n 'Turnipe in the lowlands and southern countion on lruught awes wot wold last month sre dipmed of early in October is saleq can be efiented for brecting carly lambs, Lemester mams berms put to them as soon as they reach their winter 'tuartcre

## Notices to Corrempondents

Mpraci
wiose a
with 115 ?


To Growers for Market, Gardeners, and the Trade





## ${ }^{5} \mathrm{~F}$ Relater or ormbumb






 (TULD Bud alibI:R VARILUATHI) GELANIUMB.



 reFs=$3+5=$ 5
 T






 MrATMM,




New Bedding Plant, Veronica Blue Gem, nnomeing that AS AND SON have great pleasgre in bich excited 80 much adm rition at south heras into $n$ on the
 matury fiowers, mikirg tho plints nypreas aterilly clotled with
 'ertificates this gear Rt Ealibury, Sherborme, Shirlog, Bath, and ane acquastron," and by the "Cotlage Gardemer" as "h one of the
 Plints randy in May next, at fiss oach, wihh Lhe ustual discount to the rade on onx platit Nuraerled, Tunbndge Welle, Kont.
$\mathrm{H}^{\mathrm{B}}$ Camellias, Azaieas, and Epacris.
BNRY WALJ'UN, having a large atock of the above,
 IHaving sevorsi h mindreds of bearut)ful trained Azaneng, from 2 to

 Edge End, Maraden, near Burnleg, Lwitashare.
1 Cr VEPDI Gladiolt-Roses

1. CH. VERDIEL Fls (late Firm of Victor Verdier cortannios jugt publighed his new CATALOGUE of GLADIOLI



## Hoses, Now Roses (Trade Price)

 TEA ROSLS, grathed ard on thetr omin reots, growa in stall pote,
 Harto $\mathrm{s}^{2}$ sles, Marte Ducher, Arficmno (br stophle, Colina Notre
 dn Luxemboang, Bongare, Addle Jougant, Ophotla, Souvenir SOt in ANIR J)f, hat MALMALSUN, on their own routs, in pots, DWARHS, Hybrid Porpetual, $t$ o bost sorts, strong plants four STANDAR ${ }^{\text {chas }}$, plenn stem9, strong hearls, all tho best sorts (our

fip per 100 .
, To be sent out cor Dincount on the NEW ROSES of this YEAR

## (CERASUS LAUROCR latifolitas

1. PAILLET, Noperasug, var, hatirolial Bplendid new Lis, Frabee, offors to the Trade for the nime ceaux,
 mats this noveliy its grat haralinese and rusticity, cotobitio to



 All orders mast bo sont to Mr, L. PAILL, TyT af abovo or to hit 2ower strvet, Lond way, E.C. J. SCOTT, Fruit Trees and Onjons.
 ons of firime inge oviovis, and jrom 10 to has nisoror, Sale of the 15 bral ire anal Ciltacral Direet ofs, best work on Frutt Trees, with Descrip-

J.SCOTT, The Nurseries Muit Trees.

- In lis froit room about 6.50 morriot of Somerset, has now in mamed collections, at ate por dorta of PEARS, which ho onow
 Cherry, and other kinds in proportion. Theyere growa ar Standards,

 STRONG STANDARD APPLES and PRARB-




OAK ASI, BEECLI, BLM, M, and other FORMST


 dozen, for chub best en the

To Pranting Beason, - Walton Narbery $T V$ LEARE OROUNDS, or WOODS and FORMELERIES 17. TRERSING bera to announce that his BTNCK of
 for transplaniding Ever freane and folloming month two of the bent

 geanem planting effect, with many tuousands of smailer bizes for ejlher for finmense Stonk of nil other coltarated Trees and Shrubs, F, B, -FI Large Orehand. Building the Actocis of Walton Nursery beng requited for Villn


Eitra large Trees for Ornamental Planting
$\qquad$ IV. WOOD AN1, SoN hase to ofter a magnificent Hors pariegntod, 5 to 6 feet Nem inamayiuit





 Ims benson It mays be obtunned gractis Sux, $\mathbf{3 ,}$ Harp Lnne, Great Tower Strcer, E.C. $G^{\text {ENULA }}$ E TUBACCO PIPER, of the finest qualty, WILLIAM RTSHFORTH, Nurber $\operatorname{sinan}$ and
A PLEBY'S GENi INE TOBACCO P'AP'ERK, in 216 ,


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 Street (opposite the Fantreon), Oxford Btreet, London, 步, Winslay thenbove are (exhbited, togother with sereral iznportant lupprove-





## The best Shading is "Erigt Dome




Two yards whis
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T A M E $\underset{\text { beg to ssubratt thelr prieer a fon in }}{S}$ As supplled by thomto Mr. Rivers, wethe Rouning
Kingdom.

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ITHOMAS MILLINGTON in




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$\mathrm{R}^{\text {OBRET BIM Brinh }}$ Form catalosue.



## JOHN J. BDecial oror to the Trude.




## F UGENE VELDLDLOM- Mow Roven <br> E 

 BBB' NBW GIANT FOLYANT EUE



AYNHRLD, CALDECUTR, BAWTHKE, DUWLLNG,



## Che Garometge Chromicle.

sat'RDAI', Nov'MBER 6, 1869.

Wz have recently recaived from our excellent fried Mr. Tinwalles a specimen of a minuto Fernts which has caused somo consternation amongnt the coffeo planters in Ceylon, in consequence of the rapid progress it seems to bo making amongst the Cortee Plisits. A few trees were noticed to be infected in May last, and at the time of Mr. Thwattes' communi-

cation (July 24) two or three acres were showing the Fungns upon the leaves. These latter fall off befure their proper time, and fears are entertained as to the effect on the amount of the orop.
The most curious circumstance is, that amongst more than a thousand species of Fungi received from Coylon this does not ocour; and that it 15 not only quite now, but with difficulty referable to any recogrased section of Fungi. Indeed it seems just intormediate between true moulds and Uredos, allied on the one hand to Trichobasis and on the other to Rhinotrichum. Though the Fungus is developed from the parenchrm of the leaf there is not any ccrering to the littir heapa-uch as is 80 obvious in Uredo and
its mardate allies, while the mode of attachm. rimed.ate allies, while the mode of attach-
omple one of Rhinotrichum. We are mat $r$ minds one of Rhinotrichum. We are
obliged, therefore, to propose a new genus for its reception.*
As the Fungus is confined to the under surporferal, it may be difficult to apply a remedy ; suphrimial, it may be difificult to apply a remedy;
but we shald bo inclined to try sulphur by
meare of orie of the intrumenta which are naed meare of or, of the instruments which are nsed in the Hop grounds in Kent, or syringing with

one of the sulphurous molations which have mildew. M.J. $F$
Leszmitar to the tree whan living, servioeable to $1 t$ then lead, boautufulun $\frac{1 l}{\text { stugus, fium }}$ that of the tender bud to that of the "sere and yollow" fall, it in no wonder that the leaves attract universal attention. Age does but lend them additional charme. Constant to their purpore thangh tut, in death they are well nigh as important to the tree as when living. Thus Al'tising Leaves appeal to the most variod yympathes. lisery one admires their rich hues. Cote and painters naturally revel in such thingo of besaty, moralists find in them most appropriate illustrations to give point to their teachings, and more practical gardeners utilise them by colleoting them for their compont heaps
While atill prom tho nex the nevato by mouns of which tho plant breatbes, absorhs, and nxhnles.
They serve to build up and consolidate its tinnies ; they are all-importumt arents in the formation of the starch, the sugar, the furn, the resin, the oil, the scores of ingrelleris. claboratui in the plant. Without their aid the jlant cannot, in most coses, avail itsolf of tho supplies of can it draw from carth or air the food necobsary fur its support. No sonner do they lose thoir healtly green colour iu autumn than they cease to bedirectly useful to the tree, though still, as We have seen, domg excellent servioe in the compost-hoap. All this is so well known that it may beom trite to refer to it . The cause of all ther changes, however, is by no means so generally understond, and as Bome raluable practical hints may be darived from the investigation of these mattors, wo need offer no apology for stating in general torms what is known of thoso changes in the leaf which precede its fall. The colouring granules of waxy or futty matter, often encrusting a central nucleus of starch. These green grains constitute the clicurophyll of the botani-t, and they are the very life-blood of the plant. If they are healthy the plant is vigorous, if they are diseased or deficient the plant it ickly. learves is ino mein masige int not ontirely, to the dfaration in this "leaf-gaen." Its granules acquire a yellow or orange tint, gradu-
ally disintegrato, lose their kernel of starch, and ultimately disappear completely, leaving in their stead a few very small orange-coloured pramiles, and often a fitw ilrops of some oily anlstance In this manater the leaf becomes, bcfore 1t, fall emptied of all its active ingredients, such of thetn as are flund or soluhbe nre transferred to the stem or branch, there to and in the consolidation of tha tussues, tho ripuring of the wool, and the furtinatiun of the varoous hecretions. Tliee couduitas and pipes passing from leaf to siffm, that cills arme vessels, aro at this time filled with musth, tho organisiag layer between the bark and the wood in gorged with nutritive material, in part iransferred from the foliage. What remans behind in the leaf is elther effeto matter, no longer serviceable to tho plant, or insoluble minoral substance, useless at this stage of the plant's axistenco, but returned to Mother Earth to be again utilised, perhaps by the same plant, in some other way at some other ime.
While all this is going on slowly and surely, prorision is being made for the sevorance of the uneleng and exhaustar loaf from the stem. A thin layer of maaly celli gradually $11,-21 n a a t e s$
 weder traules, and $y$ this hring kute-cdge or when a surgeon remores the gangrened extremity of a limb. The prackical significence of thl this lies in the word "roest" the diecolovred leaf in
autuma indicates the necesaity for ropose. If the autumn indicates the necesaity for repose. If the more apparent than real-in other words it 19月 change, or at most a slackenug of work
Father than abmolate inactinty. With the ather than absolute inacting. set of actions begin, whose vigour is proportionate not ouly to the farourable or inafarourable conditions at the time, but also, and this markedly, to tho perfecfection with which leaf actinn, and consarilant ripeaing of the wond, hare been carred om in the precoding antumn
These facts offer a ratronal erplanation of th practice recommended by W. E. at Jp. 1092
i140, and approved of by mont gardeners, of re-

Wise, the leeves of Nectarine or Peoch treen
crown aganmet walls. As many of then grown againet walls. Au many of thoos lovers,
perhips the matrity, are stull steen, ond therir removal is not eary, so forcibiten, a mode of detachment lonks at first fight hike a hartharous process, antagoniste to the natural state of process, antagoniste to the natural state of remember that, owing to the deficiency of light and heat at this soason, leaf action and ita consequences can bardly be carried on effectively or profitably, and that auch unsensozable activity maty
easy quentionable praction. Tho truth neems to bo, that such plants ag the Peach have not adapled themsolves thoroughly to our climato: they require a cortain aggregato amount of hat, and e cartain intensity of light. In the East, wheno theos treos aro nourly wild, these roquiremonta ano ful. flllod in the cocires of comperitively short time;
if thoy do got a sufficioncy, of light and heat, muoh iongar pariod is occupion in thn procask, fromts heforo they have recelved thair, 1ruper share-hefore, therefone, their work is complote. It is lettor, neverthelesk, to alliw the trea to rest, eren if the work be not fully accumplished, rather than to incus the risk of cxhansting or destroyng the tre by nillowng it to cont
oparationg under unfavourable ronditions.

Wr extract from the columan of the Deoon Weetly Timest the followiag particulars relationg to the TEETMONIAL to MT. BANERS, IAte of Bicton: - Thio
 directhr and manager of the Bioton Gardebe, Arbore-
tum, 1 Iome Parm, ac., and the emminent wervioes he his rendered to practiral qardening and hortioulture for a period of 50 years. induced some friends to co-operthe, with the viei of markiog their rence of his earvices by some vinihle token of their warm approcintion and Mr, Bienves, or were fampliar with nind had received Mr. Birniss, or more fampliar with and had received benefit from hit llabours, were invited to contributo: and the teatimonial, simple as it is, and en it was Wiehed to be, may be rinarled ns the apontanoous exprestion of friendship and admiration for a venerable. aliful, and asoellopt man. The probantation was made
on Virulas afterjoon, at thr lhude Haven Hotel. Mr
 presided, sud Mr, ForTs is, an . livinouth, ocoupied

 60 yenes difeatorand manager of the Rioton Gardons ete by athohed friende, in reocrmition of his manly tinoorits intogrity of characker, and benevolonce mad peninlity of ho has romdered, turougha lutig and useful life, to hortcultural soicnoe, prachioal gamdening, and agriculture Mr. BaBNes returnod thanks for the - M Ibr.Hée If v has reoently addreseed to the French deademy of soiences, note on the Dwcons
 had attributed the same decomporing faculty to all the luminous rays of equal intensity, while M. DRCATsNE lalaftirmed that in thonging equal weights of marahplants into vexula fillend with eurbonir ar"d surrounded by liquula of divers colonrs and of equal iransparency, he has comstantly fund that more cixjogen was disengaged from plants lighted by the zellow and red raye, than by those which were lighted by the blue or green. that mer rerearches A. OFIERATN had demonstratod yellow and red lughts than in those exposed in green and blue. This comeldence he reparded as establishing a connection between the two vital fuvctions of the leaves-the eraporation of water and the decomposition of carbonic acad by the disengagement of orygen.

- APresentation of a gold watrhand an address Was made at Altrincham, on the 2ith ult, to Mr.
THoma Bative, Zirdener to Huritin Mirnolte,


 a bandarme gilt frthe, was as follow =" Iresented with a gold watel, to Mr THoNas Baines, by the yardeners and friends of Altrincham, Bowdos, his lenving the neighbourhood, 89 , mart of thet very handsome nad masgive one, bore an intoription in
 from those amonget whom he has lnog sojourned must bo particularly grateful to his feelings. May ho long live to take prominent place in metropolitag horliculture
the A copy of the Onitcabr record of Fellows unding May 24, 1809, has just reached ub. It year ending interest for us in many ways, smonrst others containing tbe namea of cuch men as W WARD, DILK F, fon Mariifa, and others cmnnected With Botany and Horticulture fon formery S ars, the extracting and admitiog the brompolimilustances of have apprared on our own farca, a conmpi.ment that masy will be graud of $i$ remirkable feature in the

that of 14 deceased Follows whoseage is mentioned in the shove list (comprising 17 in all), the youngest was 51 , the $76,80,88$ (two), $88,88,98$, and 94 , It is curious to observe that not one of the 14 died within the sizth decade. Dividing the number of years the number of individuals. we get as a result that the average longevity of a Fellow of the Society is is years, a circumgevity of a Fellow to iuduce our young naturalists to join the Society, and might be pleaded as a valid reasou why insurance offices should reducy the amount of their premiums on the production frevidence that the insurer compounding for all future payments bs paying a suma comal to ten years' annual subscription st the time of their election, or at any subsequent period. Clearly the Society is in most cases a ioser by this compounding proooss, a circumstance mhich perraps ind uced the venereighth decade, to cease paying the annual subscription, 2 he hasd done for hald a century or more, and comcomposition fee. Reverting to the 1 t gentlemen Fhose sgas we have recorded above, it is satisfactory to find that addiction ho natura history assuredy does not tend to shorten life. Moreover, it is noteworthy hat in most cases the naturalists mentioned above Fare not gtay-at-home philosophers, Many had been travellers in ertreme or unhealthy olimates, several had eerved in the navy, several had passed great part of their lives in the incessant labour and harass of medical
practice; almost all were, as the brief history of their lives shows, men of active habits.
-What does the reader think a PapasioutitxTator (papasiculteur) is - a rrower of Papaws, or as
trainer of papas? No; onlys Potato grower. "Paphs" trainer of papas? No; onlya Potato grower. "Papas"
is good Peruvian for Potato, so says the "Revue Hortioole."
- In a recent issue, Mr. BenNerTs, of Osberton, called attertion to the beauty as a foliage plant of the plant known in gardens by the name of Acalypha ean endorse alls that he says as to its striking and novel appearance. It isnot only beautiful in itself, but it affords variety, a quality that is sery often charming and cerkainly is so in this case. The proper name of this plant is AcaivpHa WILKESIANA, and it is thus
"This slarub attains about 10 feet in height and :-
foliage has generally the colour of our Copper leeeches ;
but very often the leaves assume a coreat varietyes of
tints-pink, yellow, and brown, and then the plant is
Folizge planta, moh a Dramen forren Codizum are small, whitish, and borne on long. slender, featherInke splles. What hitile elezance the ilower-spikes leaves Dr. SEEMANN's communication on the oub ject will be found at p 1137 .
- In the volume of "Transantions of the W oolhnne Naturalists' Field Club for $1868 "$ (noticed at $p .1139$ ),
there is amongst other interesting paners to which we may hereafter TGfer, a note of Mr. EDWIN LAEFS on the formation of Farry Rivgs, and on the Fungi that inhabit them, Mr. Leres includes among fairy rings a toriety of appearances which we have not been accusfarsed to consider has always been rings. Our notion of a true outline, and with the presence of Fungi ; but Mr Leses includes rings (?) on which, owing to the irregular form, not even faries could trip a round dance, and in Fibich Fungi may or may not be present. Mr. Libes, butes them all to one cause-the subterranean attritions of the mole. "In making bis runs he disturbs the roots of thole, Grass, and the Grass itself withers and dies in the round that he has made. This offers a paonlocted. ** For sa vineertain Funci not to be pution invoremes the size of the ring, but they do not


## . <br> The fide specimen of the Ginkgo or Maidenhair Satispopis ADIANT1FourA, at Panshanger BIA ADIANTIFOL Ir. W. PAUL at $p$. his mazilled by <br>  Yanshanger. The Woolhone tree new memaure: 7 feet 6 inches ins, foliake of 10 fect. It is graceful 12 form, resembing a Beent in outline, and is supposed to have heen planted sbout 1776, and therefore may be about 98 or 87

## New Plants.

## -ONCTDIUM EUXANTHRNOY, sp,n.

 teordia indma coonatis ; labello bais humerato, laónils poutus antica-roundatis hinc dentath, inturna subuullo, lacinia
 infrate verrucis multis utmpque sorintis suppoisitis ; progre A very pretty Oncid, with the habit of Oncidium with transveme bwers have greenish sepals and petals, beatiful yellow horming bars, and a lip of the most between the basilar aide numerous brown blotches 8 those of the old Onoidium reffexum. It was imported from Brazil by Mestre, Voitch, $Z, G$, $\bar{c} \mathrm{ch}$ was

## Petalis anguetis utrinque modio rotundo unilobatis, labelli

A ourious variety of the old Leolia elegans, having the petsis very narrow, and bearing one obtuse lobe in the midst on oither side, and having also reotangular side lacinise of the lip 88 in L. elegrang Houtteana,
have to thank J. Day, Esq., for it. H. G. Rehb. Al.
Olabra, follis basi rotundatis oflandulosis. Gubpaltatis 3 -narvi?
 petiolo longioribus (nonnunquam breviorlpul); calyots ageg-

$=-2=5$ Miximix appear to have bey introamer into ruitivation the appearance of $\mathbf{P}$. puncteta, but has more pointed leaflobes, and only a sinple row of threads in the mouth of the flower tube. The under surface of the leaves is sometimes of a rioh claret colour. The flowers are smal, greenish wha
In the variety marmorate, now for the first time described, the upper surface of the lesver is prattily mottled with whitish or yellowish blotches. This form Fas introduced into Messrs. Veitch's establishment by the late Mr. Bowroan. For specimens of the flowera we are indebted to Messre. Veitoh, As an orasmental foliage plant it will not take first rank, as it is perhaps ioferior in that regpect to $P$. Maximiliana $(=P$. discolor, Link and Ott, ot Hort. Apgl. plurim; P. Vesper-
silio, Lemaire nee Linn.). On the other hand it is superior to $P$. punotata, which is occasionally met with in our gardens, M. T. X.
Cypripedidm Parishit, Rebb. Ah (See p. 811)
We have quite forgotten to state that the first introduction of this most extraordinary plant to Europe i due to Mr. Stuart Low, It appears that the firm haviag introduced no speain title for Cypripedisas having introduced no leas than eight news apecies prohably even more, viz., Lowel, Lindl. is Stonel,
Dayanum, Rehb. fil.; virens, Rohb. fil.; Hookere, Rehb, fil. Bullenianum, Rehb. fol ; concolor, Parish Rarishil, Gohb. fil. $H$. $G$, Rehb. fil.

PLANT PORTRATTS.



 Gar, and stained with deep violet on either shidu. Native of



 gurub, of conical uitling, and what gruwity hariy overgrev

 culematid FTHCSIFOLIA $\rightarrow$ Rev, Hort 1883,10 , fig 1 Ranur-
 hamaroun pretty, bell-nhaped, noddlag, yellowieh whilta flow, sh to the Ererich more or leas branched It was introducod
 terpte branolhing stems, dothed for of ammer fir tummercintal wheth are freely and elegantly stripe I with lonsitu diual bura, of white, the amall blue fowrars beinig proditect at the ends of
 Corncre
perennial of proghrate hebitat, ressambiling in growth the well
 towers. A varigated raricty is sometumes met sinali blue
a native of Puru. It is native of Puru.
Drimis Cooperit -Refug Bor $t$ I 19 Jiliacme. One of a
 which ise te the broweties naving rather large biaths, from lenves, and mevernl

Erythrox
hroxy taceog
This is descrited as as alemert 6, 615, Ery oner


## SEWAGT

Yous leader upon semage and 펴요? carried my thoughts beck more tona io per time when I had charge for a shot Young Camellis stook at the Royl End. \& Perry. At that period the lato Mr. Jomi fertiliser. He had a pump put down fur liquid oxorements from the thes pity Fhen watering the pits, then hackel n to bring a watering pot that way to the pump, and I was requear. disgust and indigastion in my face ma "Now mar assumed their Rentiet, suav a valuable lesson, and show you hor to mital plants, come to this pump, and pat puolkl into each pot of water, and take notice d instructions to the letter, and soon beas my instructor was right. Tho Comable well nuder my care, and Mr. Fanght ond wher ho saw me at the pump, or sme

That possibly has been the most frititur life. I have nover fogotien it. It se
the place of whate in the economy o has borae frult in belping to solre difficult, and certandy fayts of a morking world, and it carmot rendered innocuous by bordg lanored on our attention on all hands, and dran ar and
 suffering, and mumh of the death thal wh it, simply dirt 10 the wrong place. L and promaturely ertingutises it
As I ghowed in my baper read at ys oan only erape from la enervating one outlet for the ening $t$ into our ser vegetable life. The refuse that fills the ell poliutes the earth and porsons the wrat me Apricot trees, or mito such or other wo worked up into a julcy Cabago apple or Helo, or crisp Cucumber. It ruay be transfo the clusters in our finest Grapes, of the sweetest Rosemud, or be blangle These views are neither nes nor hans proceeded of the waste of the major portion of the work goes is anke removed beyond our need and bustion and dead bodies and th the sir or dissolved in the water $\begin{gathered}\text { w }\end{gathered}$ weight of every humsin being is thus etherealised, then transported, etherealised, then transported, and fas dad who shall eompute the reeking dunghill? All this is

Finy without our ministry. It is only the more gross
-corements and their appropriation, that have been deputed to us, Their offensiveness ie the roice of lov

路






 The foet pwrtins of surh matterx are easils guluble, but nuth :futs furc been ath-orbect by athes, dry, cotumon, atrawy dunc, short grass, and annost every oonceivabte compost. I, however, do not approve of burning

 emins, however carerully treasured, can ponsibly enrich
But oncarionally weeds are to be fcund, eppecially
o large nurseriea, and the best place for them in large murseries, and the best phace for them
is culer the laine, whichn not only destroys
them but killa the seeds, if any; or they may be dispoced of in layers with ahort gras edgingy of
walks, lawns, \&r, and frequenty soaked with comage Walks, lawns, \&r, and frequently soaked with sewage.
Towards antumn, if enourh bot dung can be dded to the mase to generate a gentle fiermentation a heap of
manure will be formed inat will grow anything is the garden in a most satisfactory manner.
Tl.f sidid dellosits of sewase I consider of less value
and the liquid, and by haviog a second well to pump from, and indeeper cesspool for the reception of the molid, and by keeping the pump in constant nse, and if posh of rester, it is surprising how slowly the sednment eccumulates.
However,
However, Mr. Masters had to do with a large
smount of solid, and his mode of manaxing it seema alike economical and suocessful. With the oxception of charring the weeds, the refuse oould not be turned
to better socount. There seems no part of his practice that could be improved upon. And even the burning forms ash, as you point out, whioh may be most useful
as a deodoriser. But dry and burnt earth are powerful as a doodoriser. But dry and burnt earth are powerful



## LARGE MELONS.

SELERiL letters appeared in the Gardeners'
Chronule of last year from correspondents who had Chroncle of last year from correspondents who had
ovidently been sucoensful Melon growers, and at p. 1010 , 1860, I see one is mentioned that weighed 24 1 lb . Very
good work indeed, but four Melons of 6 lb . esch would be doore u;eful for the dessert table. Nine years ago, when examining the market gardens about Lyons and the growing kind of Cantaloupe, which had a very thick rind,
and wan not very good in favour. I had at the game and was not very good in flavour, I had at the game
home growing here a baall American kind, thet $I$ got roun New Orleans, which only grows about the size of
an Orango, is very thin rinded, of an exquisite Biuscat flavour, and is a very free sotter.
By crosing thers
By crosing these two, I have got a first-class hybrid,
with the fine favour, thin skin, and free-setting With the fine favolu, thin skin, and free-setting properties of the small American, and the strong, hardy
constitution of the Lyons Cantaloupe. I now grow no constitution of the Lyons Cantaloupe. I now grow no
other kind, and so keap the stock pure. Two years ago otber kind, and so keep sho atock pure. Two years ago
 total of 57 16 . 124 oz. front the one plent. We cut many we alit. I mas rather surprised to find the flavour quite as rond as
is
nk in colour.
rulture is very mimple. Our Melon ground was, till this jear, oo the south slope of an old
eravel pit In November the ground is thrown up in
rider ridgea wo sweoten, and remaine thus till cpring when the spaces botiween the ridges are fillod with hot
manure, and all levelled nestly down. The seeds are
cown in 3 -inch pote sown in 3 -inch pote, one seed in a pot, and placed in a
coul frame, for if raised in heat they are often too deli-cate $f, r$ outdoor culture. By about May 15 a fine stocik
 - ferm days. When the plant has filled the
 other furposeant. If they may belolt mes are not wanted position tili the end of the season, to kepp the collar of the plant dry. than motot of us think it in. In the autuma 1 put emondinl of dry powdera churooal round the neck of
caveer. I oover bibe ground al over with alean gtrew, both fruit and foliape olean during rainy westher. For where they arelo to remain. I Ihave this dey (ootober 19)
put 22 fine Melons from plants the seeds of whioh were
 annta
HOW I GOT OVER MY "DISENDOWMENT." About two years ago, owing to abange in the government of this plicoe I was "disondowed" from and Fas told that if I must have manure I must buy These were hard linee; and to sand "to Coreatry" for manire would tave more of our hate and our however, oo getting away from the facil. hat I was dis endowed of my ohief staple, "manure, "that which Rardeners so much depend upon for the production of
good vegetablea, and whioh are required at this pince in no very moderate quantities. The problem generalls held before the gardener to colve it thia, -Givan a pieco

 previous to the disendowment of mapure, and I had to set about the manufacture of manure as best 1 could.
Having a large tract of plenauro-ground kept uader the mowing machine, it ocourred to me that this shor Grass, which hitherto lhad been a nuisance, might in some way be utilized. I could not give it away, and
when it was thrown into heaps it stung intolerndy. I resolved, therefore, to try how cattle could be fed upon it. On the strength of this ides I immediately net to work, and in the rubbieh jard made sonttle-shed end fold-yard, sufficiently large for the nooommodation of our animese The yard ittered down, and the whter by let me have four jearling heifery, for whioh he abloned me 80 much per week for their keep. This was about Christmas, and until Grasi carns theer mamali Were fed with hay, whioh I had saved from parts of the mown. When, however, grest-mowios with the machine commenced, it was oarted into the fold-sarid. and readily cater up by the cattln, and any excess of
what they required to eat was trodden uader foos nad apeedily made into manure, All refuse from the eaten or trodden into manure. In the oourse of the aummer the cattle throve amasingly, and it was now
evident that the soheme was B good one, as I could inanulacture manure as ast as in could be dug in,
 what lurury there is in the reep of a cow for a family could do, I bouglit of which cow for which I paid 15l. 10 m, , wd during the first tea, beeides supplying my house with what milk and huster we manted, we suld, induding the price of the calf, milk and butter, as much as extctly realized the purchase-money of the
cow. The cow is this year free to begin with, and Ism pleased to say in better condition; and so far as the seasun has rone, yields more and of even better quality than her yleld of last year, which is pront sumiciest that her reep and habitation in the rubish yard is an pearly as possible that which she lizes. ic sudution to the animald mentioned I have also some pigs, whioh thrive amazingly on short Grake, Cabbage leaver, ruu Cauhtower, \&c., and which add much to the richness of the manure. In the same yard F have also bome fowle, so that this yard not only produces a pientifut supply of manure for the garden, but supplies my hous as plentifuliy with good min, buter, bacon, a d festiaid egrgs,-things not much to be despised either in town or country.
In this case of "disendowment" it happened to prove better for me in the end than if my Eupply from only have got may supply in driblets, now I have it in abundance, either woll made or under-made, and a eagnerly Belfish in establishing soom for my own ue, I persod formel part of my sqreement, but during that perlod circumatances in my house did not particuart malke use of my priviege,
If a man hie for hir motito "Live and let live "3 and man be "disencowed ;" oven if " disoathblished," te will right humelf again. I have no doubt there are which I heve dow charke, where the short Grase might Wm. Biller Combe Abbey Gardent, in "Florish and Pomologat.

HEITING MISE BORDERS
Soov after the late Mr. Thompron's (of Welbeck) -xperiments on the flow of sap in trees, were published in the ( 258 ) and is beonme known that means were than at that place not only to protect the axternal
menoy of the weether, but thes hoos wha aleo applied
in order to stimulate and brachea of the growiag planta, publio strantion bemame directed to the preat revolution taking placo in
the pratioe of early forcing. In the same weina a ne: forcing-house was erecting, in the gwomens of the Bart Fitewilliam, at Wentworth, in the exvernal borie of amount of success f nover rul. quinpts $n$ it syon, atmut the same perion, Mr Forrast tlanted V.nes on a and they did admirably for a time, until the material Whim the bads were ranpiosel beaqnie effete
At Canon II ifi, in Virrksh.re, from whance the tural Sinctety meariy half a centriry smope, and whieh Grapie has so wenaliy fabled in the tyatide of mant cultivatiors, experimuasta were instit afed by Ifr. Jlexander Whann, and ara desprihad by himat $p$ sh, rol, 131 of the most huteressful मas fmm a ime erome in pit on a bed of raten lasses, whinh mand be desorfbed as roither hot nos ooid, ${ }^{n}$ notit the rite began to grow, and the heat in the pit inareated, when a little heat could bs perceived at the thme the Vimet Fere in hiowom, not one of whioh filied to sat, mor inforred that if the " bonder of a vinery can ho heated has recently taken place in ins Gerdewer Chmaicto aegrating and border heatine is practised by many of our best producers of tarly fruit, end thres othere aro still content to oall in the ald of well proteoted fermenting matter to maranteo the latent heat of the preyious geasan storad up in the border, in order that : bealthy co-operatien may ho carried on between the roots and branches of the vine.
At $\Pi 2$ K of the same volurne of the "Transantions" of the Sooiety, there is a plan and desoription of an early vinery erected at Trentham by Mr. Fleming, and Which I hed en epportunity of ecolng some time since; the brders of which are chambured, and from which hole is hestad by fermenting dues clowsly covered in -the smmonis penstrating into the bnrder, and also through the dratns into the house when rcquired Wide oment troughs are fred under the border to give sti extra stimulus. Mr Filemang alsn states that the "bunches and berries attan a very lurge s'za." but of optaion "thet ruoderate bized bunches, ex gept for hapurpotes of exhibition, are muoh more satisactory betime, and the hunches retain their bloom more persupily, and longer, and when it ia necesary to gerd the
supply to a distance, they travel uninitely better: it aupply to a dislance they trarel ulinitely better: it
will therefore be well to reduce the large bunohed to
moderate size. A. very successful mole of producing early Grapes has recently como under my own observation, in the inery whe ereoted for the late G. Forber, Neq, sun
18 or 14 years since, for the purpose of growing Vines in coessfol. The whole length of the house is 27 feet 6 inches, and the width 11 feet. house from the north end, sind is silrrounded by a path on the sides and southern end. The roof is fired, and rentilation is effected by $18-1 n$ oh opening on either side, and also by an opening light at the top of the southern end, whioh is glazed; the northern end is opaque. Tha heating which is very effertire, is by hotWhter pipes
Eight Fines were planted along the centre of the bed, in a foot of soil, 11 years ago; enok presents the general the pipes on either side of the bed, and reschins almost to the apex of the rur, which is 4 feet 6 inches from the surface of the bed. Thes consist of the SWeetwater, White Muscadine, and the remaining five Vines are Black Hamburghs. The house was begun to be forced the second week in February, and the 8 weetwater Grapes were ripe on May 15. The Vines, notwithstending the limited space in which the roots the lo range, are in the most robl 16 inohes in diameter The bun hes were thanned down to an average of 10 on each Vine-and hesy were
admirably faished, coms of the Tokays being more
than 8 lb . in weight, and of that beantiful mber than 8 lb . in weight, and of that beantiful mber
colour which is often so difficult to obtain. The Hamburghs were from abont 1 to $1 \frac{1}{2} \mathrm{lb}$, and of ozceipest colour and quality nor
strabed or imperiect berry in the honse
The bed in
 removing the crust from thesurface before applying the to during the prosress of growth, and ovor this mulehing tenid mater is plentifully poured when the state of the bed requires it many wish to asaert that the honife in question is the hest that rould hate tsenn devised kind or that the eelection of sorts is the heat that by restricting the path to the centre of the house trining-epace may be obtained, but to bhow then by
induced the judges to grant another that ine
resulted in gaining for our mower the sil be admitted, materially deteriorates from their value
As before said, I attach little importance to soil, but As berore said, astacly upon the anmonia extracted from animal manures, and abundanty aphied ang and
the process of growing, also durios the suelling opening of the buds.
maturation of grosth, and enhanares the colour and
orlour of the flomers. Without tendering any poitive odour of the flowers,
rules as to boils, I live found the staple ingredient a rich fibry loanl, as devold of mineral impurities as
possible, a small quantity of peat as rilh in humus as can be sccured, and shary river sand; these, well incorporated together, form a compound which will be found
exactly what these denizensof the Wast require. Ransley Tanton, F.R.II.S, The Nurseries, Epsom, "urrey. of your paper for 20 years, pays my self and my colleague When he sass he has never seen the Calcidar so well "J. D." is not one of the fair soz, but an old practical gardener, requiring no chaperone,
mode of wintering and potting Lilies from the late Mr
H. Groon, of Walworth, who was one of the best
growers of his day, and whose system he ("J. D.") has adopted in town with tolerable success for many years.
$I$ Dale, F. $H . S$., Gardener to the Hon, Society of the Middle Tample. I notice that in your paper there is a discussion going on anent the proper learner, but of course that is the more reason why I, liko others, should know the why nad wherefore the Ialies when they have finished blocining, and after the lapse of a few weeks to cut down the dirted-of stems, and then to store the pots of Lities under the protected from frost untill just before Chriatmes, when they are repotted after a comparatively long season ot hest. Steras are cut) immediately after being taken Now it seems to me that both Lalies and Giadoli should, after blooming, have time allowed them in which their stems may die sway, and then should come required to start $1 u$ to life again. I should also like to ask another guestion, ald that $1 \mathrm{~s}-\mathrm{H}$ hat time for
potting the Lily bulb is most aulvantagcous to tho wear of the bulb? I suppose bulbs, as "eil as mankiod, have their term of existence, although in this respect they may vary; but what I mean is-would "M.'s" or
W. E.s" method preserve the bulb the best?
 Hutohinson states, in reply to my remarks on the Calcoolaria. P'erhaps not. 11 e also states that all that ite plant wants 18 a deep soil with a cool bottom. This
is, no doubt, very suitable to the growth of the Calceolaris, but this will not ensure its success in all parts of the country. It may do so at Abergavenay, buti not in these rounfies it succeed remarkably well, whilst in situation and seasons have more inluence on the gruwth can be planted in. I can enumerate several places within has been tried, both in damp and dry situations, without its success, such fuly convinced, if hoil would ensure Munor, Holah of Rufford, Henderson of Thoresby, Hall of Sandbeak, and several others who bed out largely in this neigh bournood, would grow it more there is hardly a Calceolaria to be seen. At Osberton they generally do pretty well, only twice during thie past ten jears have they proved fickle, but this only sort I can fully rely on is amplezionulis. This never fall, I frow extensively Troparolum "luteum for the future I intend to conant more places, but the yellow beddink P'ansies, so charmed extensively their appearance at Saudbeck and luafford. Fagetes signata pumila I believe I had the honour of frst
recommending as a very uceful bedding plant, fine fur autumn, and continumny in blossom a sery long frason, The true dwarf raricty is certanly a gem, but find it
very difinult to procure true. I, however, sa a a very
striking bed of it lately, at J. Garsides, Faq, of Cariton liouse, Worksoo. It was a large ciroutar bed boing in full beauty, whilet the remainuer of the garden
ocoupante were ontipely destroyed by frost. Yot not
withetanding to our rascue hataly-the Tagetes, the yellow Trong olums, Pansies, \&c, we eannot digpense withr the
Calceolaris where it will suocead in any moderat degree of certanty; hat in places where it will not
grow or live a sabstitute must be found, and I have at present met with notuing more suituble than the Those I the purpose, if a true yellow is required Fiola lutea grandiflora my former communication, and suitable for yellow bedders. Exlwod Be, in in every way Exhrn Mower-The report of the Internationa Exhbition of Horticulture at Hamburgb, published to stato is incomplete, so far as it refors to beg leave American "Archinedean", Lawn Mower. Havmg oflicially represented my State at that exhibition, the reporter is rigitit in saying, that at the stiention mowers, in tae presence of the judges, to show of the "Arohimedean, ${ }^{\text {s. }}$ the ane appeared eceived no notice that the trial was to agent having that day. My appeal to the committee in charg

Golden Ohampion Grape. -TLere considerable doubt thrown upou tho chasracte
foe Grape, as to its chrop,th of constitution
most likely from the fact that to maintin the
requisite to the great demand that has be
upon it the stock has been unduly forcol gated, and its constitution consequentil ind ind
may therefore bo of interest to some of your mention that the Golden Champion of your mand Culled recenlly up’n Mr. Jones, Fardenem in one of his vineries, a rod of the Golden chen the grow th of a grait upon the Black Homber
February last, that was as fine and pell rod of any other Vine would have been rader the conditions. Pernaps those who have not hillath
entirely gatisfied with the erowth of theip phot
try grafting, or, if dionosed to be even more mental, may bud it on some well-establisbed bit by what I saw of the w 13 th wheh Grapes mi
Mottisfont, it is l. kely that Mr, Jones will bo lext May. Alex. Dean.
Our Frait Failure and its Lessons,this ovil as far as possible should be orr articla at p. $1038 . \mathrm{Mr}$. T. C. Sage supplememit: should be ivmeated to a portable with the inaprone houses recommended by Mr. lish, and mathly endorse, not tuat atozetifr blame the frose nearest possible conolusion as to the causes of day and records were given of failures, wilh zod day and night temperature during the tina (ey time, class of soils, dc. We should fhen an In guarding against much of the evil in the on fruit crops of belief, in regard to the fillore dy blame should not be laid to frost alone. We hanin orchard-houses here with trees trained to nitua 6 lith, then apath of 3 fret, with a ceatro bocti Ppricots. The spaces between thess aro entoc up Which are raspectivoly 25 and 30 foot lorge acch 4
nearly 14 feat wide, contain three Perch fries trass the beok walls, one NeotariDe, and one A Fioot sirs trees planter out, and 20 pot trecs a the aerai
Nectarines, The whole has now had thre
work and produced this Peach had only one inferior fruite of this tres has has oruhard house not thing this variefy is suitareas. obtained from a variety called Dymond, which mest Who has seen it here sooms to know ayythog gim in it is really a very fine Peach, quite distinuof froina have froduced this sonson abrutb 580 fruil of Pes. have now frome an to 100 lb of Grapes nearly yo nse. The soil in one house is a heary loam, natural garden soil, which is a heavy cia both honses, and are now looking rery promer another season. The weather here durink h a vcry keen easterty the whole time. The bright hot days middle of the day, whichl
hard that it was with diff

on tome stakes leaning from
to the wall, which formed a
thading out
or lis jnches; thers, I believe, in ordi
is the best covering for open wsils. a great many things, but cannot answer the purpose so well as this. They werl remained on till the leaves were large enough to andight protection to the young fruttloss of the unbeated orclard-touse iruit here, it not destmy the whole crop on the open what in
was very much more likely to suffer than that much of house, where Which eould be perceptibl would be dienereenbls morning ice would oftan
L.anse the temperature was hardls down to wan - helnis freezing, and thus only onee. I
 alt the Louver durin:
 als wa kept koing every das, both in the
l. wn the open wall. On making inquirien I ind finf cultifator attributes the loss of his to the blonming period -a point in whieh
here is muth truth. Others, who liave the a thot-water jnpe, turned a little heat on have $n$ a obl comp. To nacertain as far as rant. From di INerent ribartera muat be my irngth of that letter I desire to see
frut to ottan whal let ar have
 i r fiut tis, with juat enough piping to keep
durinz the bloomiug season. The walls cen durinz the blominu season. The choice Pears, Plums, \& \& $:$, which h.uith 1 Mprover
May, Manfs.

Mosy, Hamer.
Rosta - splanet to whirls for anme con-
 Ir ant sh of lempes and

> 1 brianchims without the and

loo Vines nuako he ald of new rootlets $a^{\text {lamand to believe that, as it would bo }}$ iree trs lire withont roots altorether Thes lins of the ragetable hingdom bearing reral anntlemen of vers lijgh standing in the taral wrill, and whose ophtions aro worthy of bess un in the a, buect, but I amof opmen an a「anation would thes shown "that yet, wath all a rerrcet cancliaran up

The best way to wes, bat ali sorls of trees, shabubs, fre has ry defferent opisions from those thin ran aui 1 flow of the sap, the formation of
ran hen, rion and anch Jiae I am prepared to murn onposition from those who may have h.t atsintion it so well deserves, Thoso how-
the fact, when a tres becomes unhenlithy do ners at once examine the roots to ascertain
 autumn for it ishere I must beg lo to moperly the sub, est in autumn, whe en the fruit of thes oecome less active, until by the time the hecome less artive, until by the time the nd thadaty sinkizg into slerp or orest if you the anmad king lom. I ou will nother
and progresalve prodess, and then the known lass of Nature. By referefore I heory of Jarticulture," son will there see se remons for the points; although what he says is to me of the points; although what he says is to h The paszanes aud surface become to a
ent choke 1 un, but every girdener knows or performing their functions, as we The ments, therefore, must have somedo hith the matter. Ies, undoubtedly



 manit, aitis spolitiry naid an
Anme
I know dainly without the action of the
athe that this is accornplished I Jurpose, and that this a process takes place There must be a Facuum left upron the trelent to the increased bulk of every th. rosot, were dormant after, as he huds began to
into lisf, we must expect a very larac vacuam to been made we must expect a very large vacuum to perrepitible diffrence must hare been in theme carcumference. And, further, it is
sap in most nlyysiologists it that the leaf drans water in a pump. Now, if thes be the
case, a great number of the channels must have siontand sar, must have lost the "fant, the ris (haynols wuld reju re to
like fubetion (i) 113 st toto that the rati- in mot work as Con as $\{$ ding an foto that the roition not work as for sutursolver. short thme, and the leaves begin to develop-at whicl
time Mr. Anderson saya his roots were still dormant let a Vine be cut over zear the ground, and what is the cause of this bleeding of course. Nos what it the the action of the ront sathering more nor less that to the leapes or stomquh of the tree. If tha roots were dormant there would bo no bleeling, and if the leares
 the roots dul not act imdegendently, 1 bo fow of sal sould $a^{+}$once cragne when the umon had been broken I Ihis is tho reason, although perhaps imperfertiy under stond, why all good pardeners ancline to prune their Fines as soou as possible after they lose their leares, as then and then only there is no danger of bleeding Now although I have spoken thus, I do not deny that Was not the case. As snon ware the buds began to sumell

 the stomach of the plant-that is the leaves-and return again ere young rootlets are formed. So that there may be no misconception upon this point, let me ay that buds aro leaves, flowers, and branches, in mbryo, and consequently, act as stomach and lungs until such time as the leares begin to develop. The passing so, therenor, is providen by the roota, an digeated, and nfterwards part thercof desconds and furms yourg sprongoles; hence the reason why the artion of the roots is not visibie till some time after east doubt work haz conmencel. If anyone has the the yount rootlet, let him have one of the fections magnifiel, and lie will at onca percelve that it is done n ma th the sarno way that an rercle ss formed, wis, by old wool Atpige 18 of "Landley's Theory of Horthculture" will be found a cut whoch will amply lilustrate what I mean. I know that what I luere adjance men; yet, neverthelesa, unless they are our leaning gure a better, a clearor, and mora consincing jronf of the correctness of their theory-for at is nothang turne If.Jilhan. Eish ne (fardens, Glastore. ()ur corre-
 linhum lancifolium. If himent vent aring on lovely goncig-on whioh muah divaraty of opivion
exish- winh morely to atate that at the present sime
we have here sovern plents of the abors roowing in only 4-iach pots, varying from 12 moches to 18 inchea htin $u$ the main stems, each beigg furnished with
five or sur fully developed and deliciously arented fimers ; hence allording admirable subjects for question were procaret from a London firm early quesum were procarel from a London firm early shrivelled dormant state. They were forthwith potited in a mizture of peat, in form, and silver grown up to the present time, resulting as I lave previously detailed. Pos, bly there may be nothme instance that has ever come under mos cogntance, and I lara lind considerable expernence in the culture of them. ILere I may be alluwed to remark that some of he finest and best-bloomed specimens ever saw were grown by $m 0$ in $12-1 n c h$ and lo-inch pots-several under similar conditions, excepting the small pots, to thase whit form the subject of the foregomg remarks
Hrhian Fardiner, Eatinglon Park.
Picea Pinsapo.-IL was Yery interesting to read Mr Gardiner's paper on Picea Pinsapo (see p. $113 i$ ), how it
was attacked by a Fungus, blown down twice, and was attacked by Funkus, blown down twice, and thices reared up; how, afier all these casuaties, it wis I slinuld say, that, findiag its constatution gradurlly
 Heaitm, and that me subiuitratly found that the caume
Was an attack of Fugas. Now, in my opinnon, thas Wus an attack of Fungus. Now, in my opinion, thas
is a point Which requires some denring up, Was
Fungus the primary omuse of the denay, or was it only a Fungus the primary omuse of the denay, or was it only a
congequence of decay nrising from a totally diferent
caus? In the "dark-coloured loan" in which the tree cause? In the "dark-coloured loan" in which the tree Fhich eventually proved distasteful to the roots $\bar{y}$ or
did not the roots penetrate deeply (as the roots of Conifers do sometimes), to the formation of lias, which during their decay became attarked by the Fungus ? ion of the state in k hitill he frind the roots one of the main Burface roots was Was not the promery cause of decay, thero is, mdeed, that it Was ouly a consequence of some other decay, as apparently in a state of non-vitality." We may, thon,
almost safely unfer that decsy orimated in thome roota Whanh pranetrated deeply uto the subsoil, for, we
oharepe, in tia after hasory, that the tree showed unted maleore of renewed signir ty a formation of nes birs at the bue, and of terminal growth
in the brath dis All thin thime, oreme evileare tant

 thon resnecting thio s hation where tha Intwapo is pathted, whether the situation wot or dry-extremes duced to kay momethmy in itis cise, bat would that he could shit the primary cause of decay on to the shoulders of anything hut the horri! Fungus, which hanits every kardener like a nigh mare-lent enther hu Comlfera, Peach trees, or Fines, shoutd beeome irre-
trievably alfrite isali it. There are three beautuful spegmens of the 1 . D'msaģo bere, wh in are reapec
 than ar Gardiner 1 crust we mas be m reforiunat
 ree cones produced upon then throsingmatirity of years than by circumstances su th as appear to hase brought bout the premsture coums of Mr. Gardiner's trees
The Rarly Yaturstion of Potato
The Early Iaturstion of Potatos, so as to secure the orop in thealtly condition, is the great deatider athom, innl, w, ith earls worts, th, ang ganerally be safely ant to be in too great a thers 'Tlis shtang we took
 which for late sills, in a general way, I consuder too oarly, excepting in suels a season as the present. The earig, excepting in sueld a season as the present. The
raifall here for the last three years, in the months of June, July, and Angust, has been as under:-


This year, owing to the diminished amount of rinfalt egperially in August, wo have suffered moro from drousht than we dud last senson, thumgh later in the seasum, and in a different mamoer. The park has in many places showed more brown than $I$ lave ever before observed. August-Rown geeds, as Cablage, mmach, di* at first came up bad $y$, and many trees, partwolarly Beech, were prematurely sheddint thear leaver b but olher thangs lhat failed last asan liave dode well thas, as late Peas, but then in Miy of this year we had 582 inclues of rain. Potatos ripene. off enrly, the haulm being generally withered by the end of August; and fearing a repotition of the supertubaration of last year, they were taken up as mentioned above, excepting part of a late hind, called therf Scilly Redw, the tubart of whaly were foun it too
 Upon taking them up on the 15th Ootober we were
 tha value of the crop, other canditions boing fovomathe,
Early Potatos in the garden were all that oonid bo
desired, both as to quantuty and quality, in the field We lad quality, but the quantity below average.
T.C Ellioth, Melbury Mause Gardens

## The Question."-N tund stimatater a man a) much

 When he and, in his milice, "Duen Jobserve Gual for nought?"

 tried to convince nuz olit pensinner that he Lui had about 2 s 6d,

 Intereat, thomang in is, as ac.ir an I that thas represongod $a$

 p oyer redly does puy, for be must not be c. Idemned withnut
 abatementa and allowancen, and wheth the iteling of cost wero
finfly not againat thed Relli,g price, they were nul convinced that they bad an exceltent paymg bey were nil convinced
nerer for they had wnter of that Jetter was dinly ex wintied hy the Inc ome Tax


 can be no wruggling about Ilgures, it wages-and, en thite clot then the

 position ns manters to get therr wirk dune for less than ita
 for shilled tabman have latels rifen to nit emertomis cxtent and


educeted boys are leaving school they aspire to learn some prine, and, in the case of the htd. per homr, with an egsidetant,



 vere, and wath the ndeas have ifter been outertanned tos compel numbere








 it hera to show that the Government of that day seti a good oxamplo, and did not let a publle servant who had dune some
 apples monnted on sholves to pronuio their fruit wethuit



 of cares, and as their business requires preat attention to be



 knight of the thinnble mijht add that be is a dressing animal




 the watuled huride fira houts, nad than rumbes fur a toor, tho
 the palacu, of which it has beon well sadd "thelr very ruils





## underatand the great value of high marai urain, whan been ckeap coumodity, then when high class information hpanking



## 

## Field. Forest, and Garden Botany ; a Simple Intro

 duclion to the Common Plants of the and Cultivated By Ass Gray. New York: Ivison. 8vo, pp 38ti. In our atudent days, we hardly know why, unless from a supposed dimertlo fashion for students of botany to disregard, or even disparage, the study of any bu wild " plants. The farden plant was with many students, a sullicient was a garden plant was with many studere than a passing reason for casting it aside without more than aglance. Of course, we are speaking of those who glance. of course, we are speart of the clurriculum, and who "crammed" as much of the subject as wa necessary for a "pass," never cared to digest What straightway forgot all they had learnt. In the case o
twe lew who studied botany for its own sake, and garden plants, becayse fow or none of the ordinary text-books make more than a passing notice of them This has always seemed to us a great oversipht, be caus garden plants are oiten more readiy and cole arger and more conspicuous flowers, bo that their btructure is more readily made out by the inexperienced student, and they present a qreater range and aversily of cauformation than do wid plants. Agaia,
student be desirous of sludying the comparative student be desirous of stuaying tarden plants and zarden varieties, suchas double flowers and the like, offer facilities not possessed by ournative plants. For physiological purposes, for investigations into the ire of plants, garden specimena are indispensable. Nome guch opinion seems th have inducen the emiaen Professor of Botany in Hevirard aiversity to deaviv up the prosent volume. "It is very desirable," says le in as well as indigenous plants in analysis; and a scientific acquaintance with the plants and fowers most common around us in garden, fied, or preenhouse, and whech so would seem to be no less important chan in the case of our native piants. If it is worth while so largely to and flowers. is is certa, nly well to know what they are, add what they are like. Heace ono of the matu objeots of this book is to provide cultivatiors, gardeners, flowers, with s ande guide to a knowledge of their botanical names and structure"
Of course, the book will be mainly servicanble to American students, but may serve as s model for some one to draw up a similar work for this country. Tuere but none in Et glish that can boast naythag lise coompleteness. more consprcuous and easily studied phants of the United States, east of the M-sisisippi, and of the princival garden fowars. These are all arranged Professor to their natural orders. The name of Professor Ass Gray is an ample guarantee for the a companion volume to the "Furat Lassons in Botany" by the same

It is curious to see how the idiom of the languaze is changing in America. One would bardly expect to notice this in a technical work Written by so mcomplashed And correct a writer, snd yot it seems strange to Euglish eyes to read "for" in cases where we sbould "Marty hola, named by Linnmeus for Prof. Martyn" rueanong, not as might be inferred that Lindseus had been requested by Martyn to name his plant for him, but sunply that he bestowed the name "Paulownia, named for a lkusaisn Princess" The same exprestion is minde ush of in every nisst Where a ketus is named after a per-on else we mizht have thought it accidentai. As it is, we point it out as own time, pretty mush in the same way that spectes are supposed to be underkoing mortitication.

Corms of high tians since we had oumasion to speak in Atlasea intended for use in village sohools and similar Johnaton, of Samburgh and Eondon. We may now announce the publication, by the same firm, of a similar
serses of $A l l u v e s ~ o f ~ P h ~ s i c a l ~ G e a y r a h t s ~ a t ~$ extremely low prime of $2 a$. $6 d$. , ls., and $6 d$. respectively. The maps are not so clear as was the oase in the precediag serles, indeed too muoh seems to have been atempted in a hitie space, nevertheless they will be of
service for giviog instruction in the maia phyeical and climata peonliarities of the globe.

## Florists' Flowers.

Not many years aince the Herbaceous CalceoLABLA formed an important feature of our large metropolitan exhibitions, and though it is scarcely represented now, there is resson to hope the day is not far distant When it will beonoe more seon, in all its gay and gorgeous features of the exhibition held at the Crystal Palace iu May last was a group of seedling Cal Coolarios exhabited
by Messss, Dobson \& Son, Woodland
worth, for orowds of visitors huog a they were something altogether new tnown flower with which every, flol
faniliar from his ohildhood. The type of herbaceous Calceolaria, that
biterl of a rya so large as to resamble be a thing of the past ; but with it h extent that ideal of form that it han extent that ideal of
worshipped by florists 20 years ago
should be smooth and fuli, liko a bladder, not flattened, nor indented like al feotly round in the outhine whiohes viewed." I have no doubt but
Glenny wrote this, he had the she the herbacenus Cilieniaria in view, for 1 . confessed that a higher type of parfection of ound Calcoolaria. Mr. James, of Inleriont strain of berbaceous very finest in culvivation, claims to hape This was a dooided gain, whether obtaind ha as Mr. James states, or whether ib wha
of selection. If hy the former, then it worth another effort to brivg about phat in Fanted in all our finese shains of herbame an almixture of the ricll dark hues fom flowers of the shrubby kinds.
inspect, when at then bert, the Calceolarias grown by Mr. James and dermed idential without sod strans, son the glory of eitber. I thought greater variety of colours, and of arme pretty new typer in the mm demded murple spot, wh.le there preponterathee of dark thowerd-high mave type was ahsent from Messrs Dolkal extent compensatitel for hy somo brilliant eloterse 1 of great size, hatacmimely spotted w th dark pa as reere, ho sern som frame except in the Wheelen, was a line sitral int I saw at the wo the bath and 1 est of Enyland Agnentiops cation durng thic past summer; but did dien Wravg in that which whl no doubl sout whe be - perfected form. Flowers, wonderiu. injue is lons, flat, and undented, and the ortioo andupaxy and wide sparts. Then in the matter of rancom? have porhap branched out widely enough foworic sent, for "the colours and the markinas ceolaria are becomingeyocedingly numerons the last PeW years they have heen diveriad from speokles and blotches of all forms nod sa ramify trie from
rays from the
Mr Trlenny in prevently add "the roundness and freedom ture-so large a majority of the presant deficientin these respects ${ }^{3}$ - then
comprative perfention with the
But litile propagation of
Who exhihitocossionsily, gery on s fr
for the prupfosm, and name then, add specimen plants lie somet toles produce having the quality of form mat quated for the prorpose of aetting Etrain. The Calcocolaria as now almost get from seet The fatter thart of Axult of wintering ther jlanta, and giving them
 a grond time at whach to sow the If pots arenasenl, they stonald be filled up will reniks. nud over then of nent added a liberat quint

## chaking over them

prese the seed slightly
and protect them well frome
placing a pitece of glass over th
thus t
ated. Ifsmum stan the plants can be hat
be pricked offinto lroyer puta, abolit ad a compost containng ess of the transp
it $A$ soon as the plants thus out sil
truch each other, plant them larger 85 the fibres tourh their sides. Winatan attenton, and the lioual treatraent d and spring montas, they win plants weakly, an
respecting is dying out, althoug
cut.rely passed from sight. Opeassonally thes be nuct wih in smone remote conntry show, and




## さje apiayg.



Ido nat wonder at tradesmen who retal o heave over a heavy hux of
thrue a com' in regrurad The ririser ry thea comb he regured The - customers ; then, if the combs are to be - timhars, which itunque ition alily the only, not his to be turned over, and a risk run of dawninto the top of the box as it why underT. e alternative, to break out comb as the box
c um-v and troublesonne husioess too
Conld

 rare mos the granh one male to hit t
$r$ mate wale enoukh to rover its outs dea daal $n$ of thither miterat. Thas rould be fastenel to remose any combs, all that would be nereqthe bax on ths top, turned dows to reman to slues, of the box all at onete, mhe stanamy up on a flat board, and thus, la, - of all positions in oxt them from the to the fi, hord-top an I I see dulturent ways of thin, alat at the sante time leaviny a that surlace counter
oblong boxes are atill more easily conI.rim baxes may have two opposite siles movable by being fastened by screwh, and brass ows have been taken out. One movable side be chllit hent for a small box. I have seen such lay on a tradenuan's courter, slowempth, the why lishen out a ith the greatest curp, sind

## IT I plaged a man nuper, wersh n?

 the a hive of bees, as as was wetcould not get outh I thought they
he combs so that I, phould have tham pty for next summer's campaign, Can
"in thr at is necepsary to remove the

 be. arcil of whwath the bsek is shatered bs a mad. Whll th be nevessary to ate 19 very damp, and the situalion mudy, but and sales of the hive, and the top, are all
in. Lan zohire. do net approve of allowing partially filled supers an on dutiag the wintor. Tnlens the stock is
rona in Lee , or oaly poorly suppied with stores, ore than probable that the bees will already have
ded from the super In that case it would be remose it. At any rate, on some cold mornian If so, wait unttl somat very mitd day, when, remived the super, place it in a warm room, martull $j$ open window; the bees will return to
ent st $\mathrm{k} k$
w. thout injury. The cover of the hive be fut on as soon as posisble after the super. If e do not, 12 the south of hay bands, cloths, or other material. climate a mat made of toosely twisted
of advantage. It should be so managed any rain that may drive in from the
house. The greal thing, however is to a very populous, and weil provided with
o bees whll be able to stan $\ddagger$ alty of ont bees will be able to stan $\ddagger$ any of ont
zoy other protection than what mat
t) shater then from tatl

Garden Memoranda.

## hompd Restdencb of 'Thocas Dew-

 We etuer No. N . which is a large spann. $n$ n herefe is hare the cultivation of the I inter out in the fentre of the fome ite arranged for effect with flowering staxe are ats. Extending the entire laxi in qrande. a great many fine plants ofiten which I counted amnor of rrpanded blooms at perfection-the time being in leat tusu desorgeousa display may be more
 on, and, belted wath foliago plants and other style of ribbon borders, The following







 possesses ne of the mont romplete conlections in the country; but berar their dormant seison, I had n division corty making notes on varielles. The recon Aerides Lobbii and Succolabinum ofrvinelium ; in thin

 Catteyas in mamentivent condtion, and far tov sumemastly of Liste specumene of the, the callection cousist trado catalogues. Conspiouous aleo in this houso wera brand examples of Gomezin phlanfenlia, Poystarhya
 "uth scuras ol llower-rpikes, cuffizent in theruve ves to ereato a grand daxplay during tue datl spason; Maxillaria venusta, Iapla Rlava, Lexia connabarina. Trichohathromuru ninib le, Zisgopetaluin mat; Eprdendram al asum Insleay1, $O$ h istatum, $O$ nastulablum, $O$ I'roSirameri, $O$, cristatum, $O$ nendulum roseum, and O. Digevium, the tro last benk enormous spectimens: Epidendrumi campyloskadiz, Cattlera citrina, Suphronitis grandiflora and others, were suspended from the onf of tha honse, and dempg admirably,
House No. 7 is oertainly the oroming point of the whole; indoed I hesitate to note the giganite propertions of the specimens contaned in thits house, more especiaily consitering the extreme rarity of some of of ; shal, therefore, conline myself to the namos of a few of the most famplar sppecied, which in most inatanee may uot otuly he ceen as tine spermans, fat mingreat Varie' $V$ and ig latalts, the forlowima herna pro-
 Imuin, D. cumulatum, U. macroplyyllum giganteum,
 forme, and Aeride macniosan. On the coatre if feet high from the pot, clothed with folage to the whilem, many with four prowths an! upwards, While one specimen lias in growths of varinu- sizea, in ta Bitemini is 8 feet hizh, Vands Lowel 1 feet, summ, very the and in great quantities; also C'atelerg

 such as A. I/arpentæ, A. noblae. A. "fox-brush," aud A" roseum, Fanda Bensont and V. Honkert; the old Anse. 13 afrovan, unmsualiy fine: Angre 'nn sesquipe dale A eburbeun, A, caal latum, Caysis Limminghn, Catcleyne supandurats, Sac olatmum anmpura oum, numerous other fing species and varioties of littl nomerous ocher fine species and varioties of littio tively unknowa except to those who are contiunally Houso No.
Houso No. 8 contains, amonget a general temperate collection, the followidg, most of whel may be counter by the dozen, the plants as a rulo beng small, but in fine healith - Cattleys Warnerı, C. 3 Mossiz, C. bioolor, C.
I'rianæ, C spectosissima, C. Skinnert, C. Leopoldi, C. Dawsont, C, bulbosa, \&c.; L Lelas ancess, and Its varie-
ties Dawsoni and Barkeri, L purpura Hess Dawaoni and Barkeri, L. purgurata, L gizantea, Epidedrum rinzophorum, very large and sh flower,

 qrantity, and very tine. Thire are here, also, many
Dendrobes, amongst which were fine examples of $D$. Dendrobes, rmongst which were fine examples of $D$.
heterocarpum, and other fine speoies. One other plant. deearying of epecial notite, is a megnificent apaormon of ld field plant. Adjoining this house is a lean-to frame. In dilora in some fine examples of the lovely Disa granHon
Horte No 9 is devoted to a small but chnice rollection ofneelties belonzing to the cool Orchid section, amonzal and rare speripe, or older ones seldom seen in such nems oondition. The foilowing are a few spectes, whech are evidently quite at hozae in this hollec. a porthon or Which is partione aspect. the plants are close to the having a nort very cool, and I never saw laila majolis nuything near so fine se it is bero. Barkerina, too are hing netl in the other portion of the house, too are dorms ind and sra several plants of Flore do san Joseph (Epidendrum erubescens) growing in wild
other incunsbraces, Larlis albids, and it vaiteties,
by dozens, Lala furfurace, Oncidum leuonchilum O. ornthorlyynchum, Odontoglossum leuoochilum, nequifful Olontoglot, whels will dou'tless be shorthy
lomeri)ped and named Thjeela hat it sarima other hot moses, dioroted to ather any deta.lo of the r'ntent- of chease boupes, suffire it to


 Bullen, Curator, Rosal Botaw Gardan, Glasgo

## Miscellaneous.

Giqanfac Trees - Passang and stupping for a fow hours at Puthlo Nuevo, with its curnous Cuctus
fenoas, I put up for the night at Nakarote, whera measured a famous Genisaro tree (Ptheoolobium Saman, Benth.), belonging to the Mimosa tribo, of whioh the villagers amon justhy proud, nad for which


 some of the lower branches, whech are quite horizontal, are 93 feet long and 5 feet in diemeter. The stem,
if feet above thie hase, is 21 feet in circumference and hap crown of the tree deveribes a oircle of 318 feet. A Whie rezment of sildiers may reek repne in its shade. part of the eastern hemisphero, it waild have bocome a fit objpent of tree-wrorshin. that singular roligion which murished long before temples and churches were graplucal ranze than any creed lits done sinoe. At one
 fr.ca, and P ls nesia. Throurhnut Europo and some Clands of Polyoesis it has heen supplanted by Claristianity, in farts of Avit and Afrea by Mohammedanism, biat nowhere hwe its rises been entirely amport, many of tham have rurvivel in thia day, every where asseriated with mirth, mont feeling and festivity No trace of tree-worshup has been notican amonget New World, thousli it had penetrutel those of the most islanis thosis it had penetritel to the easternmoat islan is of Pulynesia. The fuet is mast singular venerable trees as Ameri"a In the virsin forests of
 rimat of their wool, moth intve becn maxistence shen Homar wrote has ammorkal poom. In Upjer Californis tha along the whole north-westorm ooth of Amithy age. Three hundred fat is no uncommon height for tree, and some of the Wellingtonis overtop St: Peter ${ }^{2}$, and almoat rival the height of the pinnacle of Cheops, fall growth long befory the Saxon invaluon of E Joland Fet these pocularities do nst seom to havo mate any mypression on tile Juini of tho Amerwan Iadian evidently proc.ng that $\times 130$, venerable look, and age o the ara not sutherent to aceone for their worshto b or seetion of the human race. Intieen. thon We bave prejy have spring from simple admira leaning that way, and man pretty wall ulade of its range and scope. The Rov, Chartes Young tells us that from chaldiood nothtng in vature had a greater attraction for him than trees, and a gitnt tree. such as that of which the bark eristed at the Crystal Palace, hnd been the heicht of his ambition among tho sights of Nature To gratify this feeland ho made purposely a vovare to the Amazon, of which he has given an interastiop account to Gaiton's Vacation Tourists, and one anight suppose that when at last he found himself among the vegevable ciants of grazit feeturs suparios In hose of gratified curiosity would come to the surface But there was nothing of the kind; even a botumias aterast does not appear to hare been roused in him. Unit oungs predilection is rather prevalent in the United States, where travellers aro almsit bnorit to death by bemp taken to see bis trees. Dr. Russelt
 he tries to atcount for the amuratson Anerscans beve frer thetr vezetable monsters by the fact that in the United States fow things are did snd venerable, and
 sening a bluck bourd, rewording that cue nayor sad alderaen of that cown had been sursh vandais as to cut down anl old and isrge tree which stood in ahe middle of the rosid, and underaeath was writion with A ride of three days from Alanagus, by way of Tapitaphe and Juigajpa, brought ine Nu Carnaies, hne cachestang it most fertue districe of sou find yourself amongst rich undulatiog grass-lands, whech even at the end of the dry season rotan of esttle. On nearinu libastare to thou more elevated the olimato cons, the ground beconas you get occasional olimpses of the Lake of Granads, with ita slands sud withe volemoes ... Close to Libertad commences a dence virgin forest, which extends to the Atlantrs sesboner,
the trees are of a very light grey, as well indicated by Mr. George Chambers in some of his clever sketches; but the correctness of Which in was mandsed to itself.' Dr: Seemrma's "Dottings in Nicnnagua,"

Natural Life-Raff. - "Oniy a traveller's story: such used to be the reception of many curious and before the hegmning of the present century. The study of Nature was then in its infancy or more correctly speathog, illustrations in and of the study were then fers in comparison with thoce of tre present day. The increase of the facilties for travel durint other items in the progress of civilization of making us acquainted with Nature's work, and has also proved, in geveral "traveliers tales" to our grandmothers had been told that in "outandjish parts of the world" there grew water-lilies with such big leaves that one of them would support elsy chairs, - Aha only a travelers been the answer. But in has there were no such journals as then treated slmost as a mystery, and not, as now, a popular auludy. Although we are all samiliar with the wondernul tales told by voyagers on the Amazon of the buoyant power of the leaf of Victoris regia, now a common and
well-known water-piant, I have not seen recorded the well-known water-phant, I have not seen recorded the
aotual weight supported it may therefore interest your readers to mention an experiment made here last week:-A leaf was selected, the worst but one of elght on the plant, as we did not like to destroy the best; it Was, however, pretty perfect, only a few holes within
6 inches of the margin, diameter 5 feet 6 inches. On this leaf I placed a wheel 3 feet 6 inches diameter, with elght spokes made of thin wood, and a small footboard, on which I stood and flnated' "high and dry;" the wheel was necessary to distribute the pressure over a considerable portion of the surface, the texture of the touch the leaf, but rested on the spokes of the whecl). I lanve no doubt that if the wheel liad been of the same dismeter as the leaf it would have served as a iffe-raft The wheel and foothoard were removed from the leaf and its surface left quite free; we then gradually spresd over tho surtace suell grave previons wetful wos shovelled on up to 3 cmt , when the gardeners standing by would not belicye their own eyes, and beyan feeling under the leaf thinking there must be some other support than water, - but no, the leaf floated quite free, on, and yot the good ship remained seaworthy and no oigos of founderiog; 496 lb . called, water began to leak in through the holes; the exertement or, perhaps, the heat of the "stove" in which we worked, made us rather hasty and unstendy in los hng carro, the weight unlucky cast tited the leaf on one side, twe water rusked over, it crumpled up like a sheet of paper and aank in deep water, carrying with it a load of $43 f \mathrm{Ib}$. (besides water). This is the preatest welght I have yet seen a leaf support, and the eight now on the piant may be considered equal to ll tons, "illiam Nond Water."
Coal Plants. - The Lepidodendron was as abundant as the Sigillaria, and though nearly related to it, it had a very different appearance. The stem was covered with beautiful markings, arranger spirally, and was repeatedly branched like our ordinary forest trees.
The leaves were short and flat, and the froit was a cone The leaves were short and flat, and the fruit was a cone
produced at the end of the branches. Although as farge as the cones of mans F'rr trees, it has all the characteristics of the small cones of the Club Moss. This tree

## GarDen (Byerations.

## (For the ensuing vocek.)

Plant houses.
Wr are now entering upon the dullest and most


 good and thrivisg health, we must aim at something more than giviog Waterings at regular intervals, days shorten, light decreases, so that everything snould be discouraged whech tends to keep a piant un active growth, except so much as is needed to insurepermaneat nealthiness. The nearer we approsch to the shortest gradually affording less heat and moisture with by gradually affording less heat and moisture, without, if possible, decreasing the smount of fresh air. Now, in regard to the suply of water during the
winter months, it is well known thet plants in general thrise better, and imbibe the proffered nutriment with far greater zest, if, ns in the caso of root Waterings, it is afforded somewhat syariogly; or nest short of incurring a risk of the plants flagging When we consider that these rules can be safely acted mpon during the dry summer montlas, with perfect geen how very essential it is to the well-being of individual apecimens-more especially these at rest-
that all root waterings, save those that are absolutely required for their existence, should be withbed a surn-lineat

## or atmospheri in influences

to be
I would not place any specimen whis reqson, now be undergoing a seasm of rest near to any form of artalicial lieating apparatus, becau-o if the bail is forced into $\pi$ dry state, a corresponding frequent cupply of water muat in the course of things be geven
This acts as a stimulant to active gromth, and derangement of the system consequently follows. most structures there are of necessity some certain corners or positions where, during severe frosty should place $\quad$ hat solt-wonded plants we require in
continuous activity, or those of any variety that we value
the least. Those specimens of the lovely Hedychizom, which have reased to flower should now be removed to they may be permitted to ripen of the old gromths, wheh will then died down and make room for those Which whil be produced successively in the ensuint little bulbs we know for pot cu'ture. If potted about this time in sandy loam they will make a good growth of bright green oliarge in May, will produce and commencession of brilliant crimson flowers, tinted with scarlet throughout the summer. A juncea is another scarlet throuxhout the summer. A Juncea ing anowhers pretty iree-rinwering varicty, With nink howers,
haviug a dark blotchat the base. I may state that the former of these makes a very pretty display when planted separately in a bed in the open ground As natives of the Cape of Good Hope, their general treatment wing
being needed.

## FORCING HOUSES.

The necessary preparations mast now be made pre naratory to commencing forcing the earlier Fineries the necessary protectuve substances should be obtanned. and a gnod covernag of fermenting materials should be properly prepared and placed thereon, It is a good
plan to place a nice layer of well-ripenell bracken Jera plan to place a nice layer of well-ripenen bracken Fern over the surface of the border, upon which to place the
warm raterial. This, whilst it neutralises the intensity of the heat upon the immediate surface of the border and near to the surface roots, affords them additional encouragement to grow, and aids in retrining the body of heat both latent and artificial. I have recently stated that hot stable litter, if moderately sweet, or, next to this, heated leaver, afford the best possible medium withindoors to aid Vines in brevkinc, or making their young shoots. In structures of monerate extent advantage should be taken of such assistanco. The renewal of the heat in tan beds connected with Pines generally should be seen to in the early part of thi month, when the tan heds are finally made up for the mid-winter season. The nots may be eased up to and aromend the rim where there in any certanty that no furtline fluctuations of any conse puen o will ownr
(iralually reduce the artaicial feateraturo to b3 or $63^{\circ}$ by tught, sth an ucreave of $8^{\circ}$ to $3^{\circ}$ by day, th, 8 leat. The hottom-heat should not greatly exceed -50 or $7^{\prime}$ by the middle of the montli. Attend to the necessary shifling of Cherry trees grown in pnts fo under like circumstances. T'on-dress such os do not need fresh potting with an admixture of good rotten manure and fibrous loam. Place this upon the surfaces of the old balls, after first removing all unnecessary or loose soil therefrom.

Hardy klower gardsha,
Auriculas should now be placed in the cold pits o other places where it is intended they should winter Climbing plants generally attached to wals should be first pruned bark somewhat, and then nsiled in, preWhtch may nee l protent ar.y of the semi-aardy and other tender Rores, \&c. Lose no time in planting out, or potting for future planting all bulbs intended for blooming in the outer borders. Our best old date when all such sthe ph November as the lates they would then have time to root and estabissh them selves ere severe went her set in. In thn last Calendar,

## KMCREEN GARDENS.

Those who have not attended to the storing atyay o
their Root-erops will have run some riak of gettin their Root-crops will have run some risk of getting
them frozen, for already we have experienced somewhat severe frosts. Those who have delayed the operation whether withindors further opportunity. Potatos requ reconstant altention, as indication ciamps, whl exubeconstant attention, as indteations of diseane aro sy roptomas were seen at the were few if any of the diselacil tulers should bo sorted out and rentoved at thay earliest possible time. Take ardrantage of cach fine or to push forward the final carthine-up of successional or late Celery and Cardoons. The sharp weather we have already had should minee additional activity substantally as an additional sreur the main crop up of weather which may ensue. $W$. $E$.

## TOWN GARDENTNG.

Grass-plots and verges should not be mown akain this season. They should be well swept and rolled, thould give the walks a neat appearance, the margins all dead leaves and cuttings off bushes, and prepare them for manure by burning theno, and mixiag the ashes with rotten grass which has proviously been
collected into a heap. This should be
over and mixed thoroughly to mako an excellent manure for dizking, make andexcellent manure for digeing required, continum to take ofl surkers from pot them smparately in 60 sized nots, and pot them shemath the winter in a cold frame. Phed trees nind shrubs should be specurely stakeid them from being disturbed in the ground This is of the utmost importance to the and therefire should not be nerlected fors If a covering of leaves or rotten dung be ground to coter the roots, it will g
them in makiog a fresh gromth. J. D.





## Notices to Correspondent

## 







$x=\square$
$v a$ attacker 13 ke



'HHE GENERAL LAND DRAINAGE and 1 OST CNDODBTEDLT the LARGEST ROOT/ many of our readers Fill no doubt read and

| Dizacrons. <br>  |  Aow Roads The follownivilizkin are ofiered for |
| :---: | :---: |
|  |  |
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PRDIGREE HUNTER'S WETTE WGEAT,

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## $\mathbb{C}$ Tie agrim!tural Gatette.

SATURDAT, NOTEMBER 6, 1869 ,

As important contribution towards tho settiement of the Irish Land (Question has appeared during the curront weok, in a pamphlet from the pen of Mr. Caird. - Treating the Irish farmors and landowners as belonging to the same species as nurselves-amennble to the same motivesliable to the mame nilluenos 'wheh womes studente and sponkery on the suly"et appuar to de.n! Mr.
 in the prosperity of an cstate might do. the land is half cultirated, tho tenantry aro purposeless atnd helpless, the labourers are in miserable plight. luat this is no new thing requiring any special theory for its expla nation, or any herolc treatment for its remedy counties which now furnish us with examples of the luest agriculture, the highest rents and largest prodace, were a century ago no better off. In the Lothians, as in the northern counties generally,
leases for lives, no outlay by tho landlord, on the contrary, firissmins, or fines paid to him for renewal, subletting, and subdivision to crofters, strict entals fying up the Iand in tho hands of needy owners, then kept Scotland in stagnation and chronic pororty.

What is the hastory of the wonderful improvement which has since then been witnessed
From 1780 , owing chaclly to "omablint laws affecting the condition of strietly entailed estates the principlo has beeome ostablished, and the practien has become unifrrsal, "that tho dutsy of tho landlord is to proside lis fatme with luild mgs, and other permanont improsemarnits and vation, under the socumity of a lease for a fixed term of yearas." And it is to the influences of the lease for a term of Jears thast the whole chenge is to bo attributed

What, then, is Mr. CaImv's remedy for the present state of Inish agriculturo F Would he vield to any ery for "fixity of tonure?"-that woukd bo both futile and dishonest. No law can over fix a rent, and circumstances may apain arise, as heretofore, to diminish the value of an Irish farm below its present rental. Nolaw, moreover, can interfere between the two partics to a bargain, and alter the terms of it by more enactment, witbout a display of dishonesty which ono instinctively would call lamleag. But doos the law never interfere between the landlord and the tenant? Undoubtedly it does. It gires a year's holding to the man who is accepted as tenant for however short a period. In this its practice rests on the very nature of things-on the fact that the land yields its return only once a year.
Why should not the presumption of law, based upon this natural condition of things, which gives 12 months tenancy without con sulting the will of the landowner, be extended -and, on the ground of the equally natural and unquestionable fact that the returs to the cnter1 rising tarnew 18 , $t$ realioed withur the year, why should not the temant, "holding without written lease, be secured in possession by presumption of law (except for failure to pay rent) for an equitable term, say five years, sufficient to recoup the expenditure necessary to a proper system of cultivation?
It is in this way, and ploading the existing prectice and presumption as its precedent, that MTr. UATRD would, as it were by force, introduce into Ireland generally that wonderfully fertilising and enriching agency which overywhere elso tho agricultural lease for a term of years has proved to be
We shall recur to the pages of this publication for the purposo of sgain discussing some of the points to which Mr. Carro refers. Meanwhile
" "The Iral Land question." By Jamess Caird. Pa, ss

The Councel of the Royal Agricultural Society unanimously adopted the report of their committer, recommending that their usual annual grant bu conmectron mith agrurultural educausefiulness of their educational examinations have alwass been consistently maintamed so these columns, even upor those prantical grounds which in all probability wall supply the point of attack uron them. It may, howover, be useful to take the opportunity of again stating the reasons why we thiuk the examination system should be maintained.
The Royal Agricultural Society necessarily represcuts to the outside world the great body of farmers in the country, and its action is to a great extent looked upon as represonting the opinion of farmers generally, and the extent to which thesy are dieposed to keep on a level with the ideas of the community at large. Tho effects of any distinct want of sympathy between the farming and wher classer would -ooner or later be servols, luat in the present position of polatical parties they would cortannly fall most heavily on the farmers. In all reasonable matters, therofore, it is clearly their policy to fall in with the general current of opinion. Now, if there is one question at the present time which has taken a decided hold of the popular mind, it is that of popular education, technical as well as general-nor is this merely a temporary popular whim ; it is, on the contrary, the expression of a growing national need. The opinion is gradually gatming ground, though expressed some years ago by men like Dr. Prayparr, that Euglamel has boon falling behnd in manufacturing excollenco on account of her incapacity to compete with the intelligence that more highly educated artisans bring to their work in other countmes. Quite lately this has supplied the text for artcles in the Times. As long as wo maintained our superiority in the more substantial manufactures we wore indifferent to our known inferionty in matters of taste and art. This was a mistake; the sense of beunty shown in other nations more than amongst ourselves indicated a capacity of c.lture which only wanted turning into more utihtarian directions to consince even practical men of its value. While the latent powar of other zathions has boon demaloped, wo have beon content to regt at the same lovel. But though technical oducation has beon and still is neglected among us, general education, its necessary forerumner, is every day receiving more attention. The prestige of the Universitioe could not provent their funds being looked into and applied to the endowment of new professorships: endowed schools have been dealt with in the same spirit. The turn of the landed interest will come next. it will be requirel to do something for education, and the demands that will be made from it will depead on the disposition that it hows to act independently of coercion. It is
however well to remember that, by a natural procoss of gravitation burdens thrown on landowners tend to fall on rent. This will bo rememberod, and an oulightened spirit among farmers themselres will undoubtedly favourably affect their position when national oducation comes to o dealt with.
The connection between these consideratons and the examinations of the Royal Agricultural Society may seem to be slight, but it is far less so than it soems. The matter is in truth a crucial ono. If the examinations are discontinued farmers must bo held to be ganity of greater indifference to clucution than any uther class in the country whose work deals with mattors requiring an equal degree of intelligence. If that ahould unhappily come to be the case, they will not be credited with muah syrapathy for national education generally. This simply meana that, as less will be expected from them, more will be required.

In the present day no class can afford to stand stull. Other countries understand this better than wo do, because they see that no class in a community can confine the effects of its deficiences to ittolf. The Americans can hardly be callod unpractical or unprosperous, yet they are evorywhere founding agricultural colloges, and they have the greatest confidence in scientific and technical education as promoters of matorial prosperity and national progress. This is the root of the matter. Education gives a man
a capacity for adapting himself to altered con－paper reports of markete were generally unintelligible， ditions and turning them to his advantage．The practical man always remains in his groove，and sooner or later falls to the rear；the well educated farmer is armed at all points，ho is progressire as well as practical，and on progressive men country depends for ats permanent well－doing．

To abolish these examinations wouli be reactionary．It would have been far better mot
to have commencal them than to give them up to have commencel them than to give them up
after only two years＇trial．They have not yet attracted a large number of candidates，but they are a mearl，not an end．The object of all examinations is to direct and give method to professional atudy；and that so little of it at prosent exists among agriculturists is the very reason why the examinations are wanted．As
soon as it bogan to be found that it gave a man some stamp to havo passod these examinations， as in all other cases of tho had a boly of
students would ho created．It can hardly be contended that this would not be desmable．Fome students there would always be，and it would not be very creditable that the Fighland Society only should give these their opportunities of dietinction．
To conclude，one argument against the scheme will doubtless be the expense．For this there is an easy remedy－give no prizes，but morely cer－ paper on which they are printed．The higheat rewards at Oxforl and Cumbrilge are only the apparance of a list in a newspaper．The prize could bo wome paid than the man who looks to a few pounds＇worth of books as the oaly reward of perhaps months of exertion．$D$ ．

The Whest trade at Mark Lane，and through－ out the conntry，has continued during the week
without any alterition in price．The lowest figure now without any aiterntion in price．The lowest figure now
quated at Mark Lane is 498 ；per quarter；but we are informed that in the Isle of Thanet even，a distriot manaly celobrated for its fine quality of Whent，the
price has been ns low as 3 ss．ner quarter．Thus it soems inferinr Wheat does not come to London， Malting Barley has been inquired after，and fine basns，peas，aud other feeding stufly，have remained with－ out alteration．The Trade at the Metropolitan stock
 14，855 sheep，only 1570 of which were imporeited，and The agrioutural seed trade oontinues in a very
deapressed coudition．－English wool is no dearer，but foctors are speculatiog on the grouud that the home－
grown wool trade mast goon partioinate in the growa wool trade must，soon partioipate in the general

Mr．IIoward＇s Jecture on Continental Farming，before the London Fiarizers＇Clab last paper to－day，will be read many columns of our picture of both merits and defects．From both sides The possibilities of improvroulturists may learn． general arioption of irrigation，and by by the moxtension of Beebroot cultivation，are very forcibiy put，and atten tion will no donbs be direoted to them．The light thrown by Mr．HowarD＇s pietures on the policy or most serviceahle and timely．We may next week refer more in cletall to the lesson thus given to us，for the present the leofurer must be loft to toll his story rithoul com ment．

At a meeting of the Council of the Central Cham－ Mar of Agribulture，held on Tuesday，Mr．C．S．Read annain meeting of the Counoil should be that the

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sums are distributed，with \＆view to stimulate improve－
to Holludd and maxed witho joutch buidter，and re－
exported to England．The Dutch butter factory manu－ factures tons upon tons of the stuffer and it is sold ractures tons upon tons of the stuff，and it is sold
in our shops as＂real Dorset＂，and＂real Cambridge，＂
or＂Renume dairy－fed butter．＂

## THE PABMING AND PBABANTRY OF THE

 CThe following in a condenced report
## 

Frence Farmisg．
I wouzd first invite atteation to the agriculture of France．Frenot agriculture has long had what sarany Department of Agriculture and－viz，s Government who takea under friculture，presided over by a Minister， French asriculturistis．TThe wing the whole famaly of agricultural colleges，veterimary collection of statistics farms，meohanical museume，schools，roseds，eximental horse－breeding，chemistry，the necessary supply of for the people，an experimental implement pply of food a huadred other things are under higent fiotory，and expense of these various institutions is control，and the the Stato．Again，the State estioblish is delrayed by and agriculturn meetings en eatablishes horse shows been divided into 12 districts，in whole comatry has
papert to people expert in local customs．The supe． riority of weight as a rule of sale over measure was then be avoided．Mr．Duccrins moved＂That，in the ppainn of this Council，all azricultural produce shoted be sold bv weight oniy，＂The motion was so agreed that the resolutions should ba forwatued by the of them should be sent to the President of the Board of Trade．

## ——The value of fresh brewers＇grains has long been

 known to cowkeepers．Their serviceableness has，how－ the mash tun，where they sre made，for they do not ＂keep＂Mes，Mrisur here 38 Our readers know conceived the ides of drying them，or making them available at a distance．They have，hitherto，however useful as cow－food，been supposed comparatively o they are largely bought，when dried at it is found the have hardly thought them likely to command．It has been gerarally alleged that there can be no goodness in the husk of Barley，but grains do not altagether con－gist of mere husk；and it is urged besides that linseed－cake is only husk，and still realises $12 l$ ．a ton Dessecated grains，they say，are specially good，because nutriment of the animal can so easily extract what nutriment they contain，which arised from the＂cook－ ing＂they have uadergone by both the maitster and
the brewer．The cbemical view of the deaicoated grain ia presented in the following analysis from Dr Voelceera and from Mr．Sibson：－

|  | 兌 | 菏 |  |  | 容 | 葸 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| Moisture | 5181 | 15.09 | 148 | 12.70 | 14. | 15.36 |
| $\mathrm{Oll}_{\text {Albuminous }}{ }^{\text {a }}$ com． | $\begin{aligned} & 0181 \\ & 789 \end{aligned}$ |  | ．． | 11.2 |  |  |
| pounds ．．－ | 24.87 | 11.83 | 23.3 | 28． 21 | 1084 | ， |
| Gum，解arch，and diggestible floro |  |  |  |  |  |  |
| Wooty fibre ．． | 1626 | $\bigcirc 0$ | 10 | 13.51 | 345 | 1281 |
| Mineral matter | 326 | 27 | 3.4 | 4.81 | $\because$ | 1.5 |
|  | 100．00 | 100．00 | 00.00 | 100．00 | 100．00 | 1100.00 |

These ligures are presented to us by Messrs．Milburn ther to prove ，if，indeed，they do prove，too much for the grains．It is diffecult to read with intelligence such a classification of ingredients as is here presented．We see，for instance，that brewers＇grains contain 2187 per
cent．of albuminous compounds，While Barley contains cent．of albuminous compounds，while Barley contains
only 10.84 ．That certainly needs further explanation． We are quite pilliog，however，to believe there is more ta grains than the powkeepers＇use of them has yet

 cattle，as they enntain gum and some of the of switioe and or proteln constituentis of Barley in the shape of gluten together with a cortain amount of cellulose，which is equivalent weight of the original unmalted grain．＂

A correspondent points out to us how desirable by inspectors or chief constableturns now being made condition of the foot－and－mouth dise the progress or pneumonia，in the several counties should，in order to also publish the log a camplete picture of our losses， the adoption of the Act．
Police Court on Menday lasisistrate at the Thames was aocused of standay lask，in which a young man existence of a Dutch butter factory near Brome Mr．Chaples Young，solicitor，said hear Bromley． cuting a rake of nuisance on Bos Common a pir aso and MTr．Lewis，solicitor，produced mome of the ago rom the Dutch butter fartory，and said it was sent

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The large plots it selis for as h
Fhe price of land is euhancuis trum the fus Frensh farmer does not an 1 war nut apmend） alraost any frie whan the nuportunly of Hamoir sass he has hiown laud sela ab hat b
per acre．His opluion interesta that the sruall farmer should not hew ply．The interest of his mones infested a rate，doublo would eabble him to heresa owner；but thra cuamenty money in other ways．Ahother thasen，wyis and at way be ousted for some other competito districts that of
Paris，in that of
 Trurs, ant rut as sont the










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 latter stages of ther grow the ilhere, so it many ther parts of the Continent, Indina corn it grawn ari, it everywhere hiahly spokest of I foumd afor carelal experimento as to yield, io pireferred t. any other rariety on those farmis If found lier uwe af the cland-crusher for cromentidat ne land slamterl with Wheat wis understond, hint on no , ther farm nut of from thas negleat in consobidating the land, a targe portion of the Whest alt over the Conlinetit groms tall


 is fidl here and is almont every part of the Conlsnent I wifited to bo becoming both maroers and denetr, and th this dintrot were bave rimen durits the lant 25 yeari
 empe, the Prusatan national es stem of education being a
(1) The next farm I vimied was a very beautiful place- (oatendint, a fow mures from (ologne heloniz ail armal hy al in beat ace conawas on

 diwn arme finn inita of Whond, sat a imird machine etond manly The implamants nion ston firm were very numermis and rarinha, hut wita the exar ionlly made and, I may *ay. than remark applies meneraily to the Copi.

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 of tethant-farmery exist, the propfreturt exerent in lew dints. anan I rare initanoes. Tho iah nirumat f fund



 rold sour remoking-shove to the whole, and to aidd to the wretched-coaking-whata of than plan it wis infented $n$ ith rata $A$ more


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 On leaving V'enns I paszed thromeh the heantiful


 content mysolf with a very brief sket ch.

## BEICTAN AgeICULTEME

Belgium has long bad the ropatation of being tho
 theard theld up by Engluh trh slowivg nopounte of the lise worm to bo met with over thare -lims whon I sav cise courity for the firas tume with my own pyen,
 perceivita si onfe it at tha country wocciphod hy an
 with the hagheal oty a of farmathe - who ktres what applinucen and requarensenta are neended for farringin guch farminit-s ameh an ape fides thrcuati the dis ennnot but be umprewed with tho ahmenee of the neoet
soil. Like France, agriculture in Belgium is in posses-
sion of a Stato department; and, hko France, the land sion of a State department; and, like France, the land
is much subdivided. There are a quarter of a million peasant farns under 2 acres, about fill, nou farms of
30 acres, about $10(0) 0$ furms of 101 acres, and about 30 acres, about 10000 furms of 100 acres, and about
1000 farms of 250 arres and upwards the average beina abut it acros. İather mope than half the enntitry is cultivated by the owners of the soil. But in Fianders,
however, there are few proprietors : the rent of land, as
has been asserted, is by no means extravagant; nor do has been asierted, is by no means extravagunt, nor do I think you will conclude that the peasantry are oververy fine lands, according to the last official returns), the rent avera, ged 3.s. por acre in tuxenburg, the
lowest, it was $12 s .9 d$. per acre, the averago throughout Belgium was 27s, per aore, The average wases of the farm labourer is 1 s. . $1 d$. per day, without food, the
maximum being $1 s, 8 d$. and the minimum 8t $d$, per day; maximum nevertholes, ure said tobave advanced 23 to 30 per cent. since 18 hi From inquiries I made among the older but a fevy yeart ago. I had travelled throunh belgium soveral timea, but had nevir set foot upnna furm untsl
last year, whon I went over to Bru-sels to act as a judge of implemente. The trial of mownig-mach, nes
tonk place a for miles from the city The meadow
 invaded by the roller for many a long day. The farmer nttributed the poorness of the crop to Providence-he had expected a better one, as he had got the priest to pray for it: I remarked that Providence should not be held responsible for the omission of roming : whinst the prayers would be answered it be put on plenty of dung! I mention this as one of many instances I have sight, especially in the Rhenish provinces, to seo the image of a patron saint erected at the hend of a ficld, On the occasson of my visit to tho Brussela SHow, I went across the plans of Waterloo; it was just previous to
harvest. Tlise farms hereare large, much of the land is fine, but neither my brother nor 1 tho xight the crops, considering the fine season, anything remarkable.
In July last, luodiag at Osten $1, I$ st $y$ ed thero a fow days, and made excursions in the nempibuurtioad. The farmers seemed plain, plodding people, kuew very
litile of what was going on in the agricultural world: therr houses seemod comforcless, and their living very frugal. The rotation of many farms is Rye Oats,
Potatos, or Sugar-Beat, then Rye; no Wheat. I found very little in farm produce worth noting down. The practice of ploughing up the land before the crop is
carted is general in this, as well as in most parts of tho Continent. One farmer showed me his flock, of which he appeared very proud. The Fiemish breed are longpay the farmer to breed. The same man has some really good Shorthorns and pigs, Bogrs in this neigh-
bourhood travel like stallions, fresh blood being and in every year. The labourers seemed dejeoter and had a conversation with the landlady, from whom house, except after dinner on Sunday, when on few
would drop in to have a glass of beer. She drew a gioomy picture of their condition, remarking "Poor things' they have not much comport in this life.
(I) At Baron Peers', at Oostormp, nemr Bruges, I found and Oxfordghire the woor te Yorkshire pigs, bown paid and better fed labourers, and higher rents. The Osts, Clover, Flax, Potatos or Mangel. Two, and, as in this case, three white straw crops in succession is not an uncommon practice: to an Einglishman it seems unsoientific, and none but thorough good land could of the practioe of growing a little Chioory, which he summer and autumn for ereen food: the roots remsia in the ground all the winter, nad are said to be the a few miles beyond Bron P'eers' is a largo GovernGill acres and a arjen of 41 acres is attarhed. The
lads receive an excellent training hut I haved
to to describe what $I$ gaw. A few milns from J3rusacls is

 amall farmers abore the oottiers could never live and pay their way by more farming; that their mninstoy Wras fruit, vegetables, and poultry; that, if not tno large town, steady might get on. The rent of a 10 -acre farm, with house, sail that the farms in this parith, and he further said that the farms in his nelghbourhood wore in-
creasing in size; that wares had more than doubled -20 years ago thoy were oniy fol per day, without to crops. He informed me that farmers were no politicians, and voted as their landlord wishet. no matters; but I must not dwell, for I wisl to say something of the finest farmI saw in llelglum-
The extent is about Dumont, of Chassart, near lileurus. with a homestead to each acres, divided into five farms, a large sume fotory and sprain distillery, The home-
steade are connected by iron tranways, whioh inter-
sect the whole farm: 12 kitometres or eight miles of
trammay in one farm was a novel sight. The rail is used to bring home the Beet and other crops-to take back manure, pulp, so I had been for days preinvariably use great wheelbarrows for carrying off their
crop. Tiso-thirds of the land is the property of MI. Mumont; the other one-thatd thired. The rota-
tion adopted is-lst, Beet: 21 , Wheat and Oats, half Wheat, 31 Clover and 1F.ax, hatf of each; 1th, The alno wheat universal practice on the Continent is the very uneoazomical one of leaving it sarw one splendid field of Sugar-Beet, of 175 acres, which was estimated at over 20 tons an acre. The tops of the Sugar-Beet are cut off, and given to the
sheep on the pasturres. An acre of Flax is on the average worth $21 l$. M. Dumant keens over 600 head
of eattle. Large numbers are fell upon pulp and the residuun of the distullary Pleuro-pneumonia has
made such ravages that M Dumont and masy other's have a lopted tho practice of nonculation: tho pus
obtained from the State Veterinary College, an inserted at the tall. If the operation is p
hot weather thoe tall drops off throtho
sottin. in , but when done in cool wealier
consequences ensue. Having suffered much from this fatal disease among my cattle I was determined to try it, but have hitherto been prevented by order of the
veterinary inspector of the county, who has acted on the advice of Professor Simonds. The Professor opposes the practice; but those practical Belgian farmers who have had extensive experience regard it, to u.e M.
Dumont's own words, ns a "sovereign remedy." For foot-rot in sheep M. Dumont aave me the following recipe, which he has found an unfailing remedy :-
"One pound of Egyptiac, half n prund of sulphato of cupper
reducel to a fine powder, onte ornce avoirdupois of Lí ctioride

## hould be mixed up with strong vineg ir uotil they assumo an

The sheep are fed under cover, the prevailing plan on tho Continent; a sheepfold is a very rare sifit. The
food is 12 lb of pulp per lead per day. Wa, on tho food is 12 lb of pulp per head per day. and 2 francz per day in sammer, and 1 franc 50 cents in winter-no board and lodsing, but tho ornployment is continuous, and not intermittent, as in
the small-farm districts. Tho peoplo scemed comprian tyely well off. Chassart is in the Walloon district Waterloo being in sight; it is the district for large
farms: however, I passed a good many large homestende farms: however, I passed a good many large homestosda into small farms. That such holdings required no such accommodation is a suggestive fact. M. Dumont's
farm is one well wurth a journey to see, and the pleasure of my visit was greatly enhanced by the kindness and hospitable recoption I met with.
Soon after my raturn from Belgium, I was greatly surprised at the contents of a letter addressed by Mr.
C. W. Hoskyns, M.P., to the Times, affirming that Belgium produced a larker amount of animal food in proportion than was raised in England. I confess that
eeen. I have taken the trouble to ascertain the relative deneral of Agriculture in Belgium has favoured me with the fillowing most reent publiahed return taxation of Belgium does not appear to weigh heavily on the land. There are no poor-rates-no taration for the church. The cost of punishment of crime and the support of the prisons is borne by the state. The whole amount of taxation which falls upon the land is and girls exist all over the country. Schools for boys compulsory; but few parents neglect to send their ohildren to school : the expense is borne partly by the State and partly by the parish.

## Irbigation

I will now for a few moments direct your attention o the subject of irrigation. Some four years ago 1 spent a few weeks in Egypt. I was so itnpressed with
the astonthing rexults obtained by the strpule apmit the astonsinhing results obtaibed by the simple applica-
toon of water to land in the valley of the Nille, that I cano home under a strong ronviction that in Emgland, notwithstanding the diffrence between the two
clamates, we do not reap hall the advantazes we might chates, we do not reap hall the advantazes we might
do from the water which a boneficent Proridence rends By the and of
le or bullock,
gious or 50 scrased of land tha Dapptian farmer to irrigat
 irrisilion is howestar, old as the hills. The practice of - not one farmer in, 500 in England, I venture to say, hnows ans thing of the subject, or has ever given the are reasons which have produced the indnference for whioh, I think, the State is in great measure question I will ratue consideration or this part of the tion in Europe is carried out on the praotice of irrigawith probably the best results, in the plains of Lom bardy and Piedmont. In Lombardy, out of a tomal area of $0,0,0000$ acres, upwards of $1,000,000$ are artiminor canals have been cut in the province, beside a vast extent of small arteries belonging to private indifor the parposes of some of the main canals are used structed warposes of navigation, they are mainly conirrigating the country. The grand canal, which brings
 and found it veried from 38 to 41 mof mils coms are fed on Grass from the irrizated mem are milked at noon and at 10 o'clock at me by the buyer, is from $5 d$. to $5 \frac{1}{2} d$. per $\mathrm{s}^{2}$ t. farm of 90 acres, one-third is ir
the other arable. Six men, four four lads are employed, I would oal addition one-third of the produce of 81 corn. The land is set apart for the farmer, who finds horses, implements, end a produce. A good crop of Indinn corn fant On this farm I hed anore. how the labourers are lodged. A pportanity the stable roof furnished a bed for the homem some adjoining rooms, without wiadow, I lomit
beds. Finding one man down with thetever I mude my exib, but anything mote tretom have more than ons room, bat offen families occupy the same spartment. If Chup propriator and farmer in the
pumping baok the driven by
part ol bis farm, a plan with whio
and luxuriant appearanos. the kin
Fery opposite of the blue Grass found Western plains of America, whioh, as the linim mow it." On leaving the plains of Lrombardy sides are to be seen devices for catchang and spe on its water on the Grass alopes; then agum the and fields of Maize; indeod, as the country deponds upon the utilisation of the tpies] ; When in Shan some years agal I passed thmin lea fricts which, in the time of the boos, which inetter ruitful, through beglect of Spariurds in not mandube 10 Lt . works fert them by the Moo The question is often askeat step which can I remember some three yea increasiog the mastaden, Mr. Lee ls, a tion I smiled and remarked ra grapel until he ropealed the Malt-tax. In Eagad, Cont
 ara now speaking soln! ol the harhest style of wed, i,
 question of the day is-notso much how they can be raised and profitably kept up upon the farm. In other words, man present wili duter from me upon siven portion of land, esp tion, a larger quanticy of rroen
and if so, it would furnmill the ditheult
power of irrigating the lands
where of caglish farmers
Forked by the surface, a centrifugal or
water for the irrigation of soores of cote
ur-utinn, s! ould not be the exelusive pro-
indivilials, but be free for the good of the . Durand, a French agriculturist of alive to the importance of irrigaail himeelf of the water of the th. s purpose be turned a branch of the
 prevent the flocing of 50 acres of the canal. This ${ }^{\text {a }}$ arrannemement ionble the number of catete end no wever, he vas at war with orponentes,
 2 wark he had areomplithed The rivers maitluals ss in Enegland the water only


 secured by this onactment b

 inse jor er to buy yus the aucquired righis
 ait fre for the beoenit of the whole poople
 ink our rivers and streeams sazsinst beine pollun for tho fertilising matter which now runct to wiste.

## concledsioxs

her having seen, an aod deal of the Contineot of


 Metion can subsist upon a iven areas or os gretem That the small farmer can raise produce tuan berised on an llarge recilel $P$ appre-




s taken of the gubjeot of population-
sidered what mimions of cores of vigin
th the work invite the iodustry of man, ak he contd subains in oomfort end fadepenwe has, given uis 8 world large enoughi, yea, far alone the great prairies and plains of the Western I remember the impression the sight of them on seeing them, would have exolaimed: ation, why it simply meansmen in the wrong place! comdition of the English farm labourer has of late Tasible of the degradation and comparative poverty b pesasntry in some parts of our own country, gid
 inf sheir position, s sy f rearleasly that their con-
 the continent, was taking pert this
 Furope, they were both brought
abourers. One said to
 Hi. and Cabbage ard rou-heerring, and suoch il. aleo dasis work, Tor koow, sir, thes cappt to as day's mork, for there is inthing inside
 masterr don't get muoh mork out of 'em:',
reans hate stated Mam opposed to the ang cut up into stall hollumgs, oprseuld not should be divided into it destrablo a
thonster farms. Thole the best condition of things for all interests
a is a ronsiderable variety in the size o nling former with a famaty of sons has a nents at 1115 command; and notwithstanding thrifty labourer ought to be able to look in in whels he of probability not be bolely occupyland has a tenstancr to that a minute subro into almost ans part of Fuyland where hold nos prodomanate, and there will be found
 precisely the came resulte: work on large
farms was continuous om small, intermittent. The the Contiment. Another conclusion I have arrived of apriculture somuch as ipsecurity of tenure. Leep beses are all but unversal on the Cuntinent, but whercers I went there was the bame complaints, the same reason for not to be too short, the tenure too insecune. The provinoe of Groningen, in Holland, pozsesses, I believe, the greatest agricultaral mealth of any part of Europe :
here the temancy is hereditary. I montion this not by here the tenancy is hereditary. I mention this not by
way of advocating the principle of fixity of tenure, but as a proof that the tendenoy of length of tenure is to increased production.
[Mr. Howard's roin
[Mr. Howard's remarks on the smoll farm aystern pravaleat in France and Germany mut be poatponed
for a weok.] for a week.]

## 复ome Correspordente.

Steam Cultivation: 8mall and Large Taoklo. - Some time ago I had a friendly passayo of arms with Mr Toepfifer, on the respective merita of large and amali
steam oultivating apparatus. Sinoe that time I do not steam cultivating apparatus. Sinoe that time I do not
remember to have met with his name until sinne the accarded him the opportunity of mountinz his hreat hobby, and trying to ride over everybody else. I have had
some years some years ${ }^{2}$ experience, and I have alwass been resdy
to Bay \& word in behalf of the small roundabout; and the most apt comparison I can make is that of a little hardy hore, which over a diflicult country will always
beat a great uogainly brute. Let it be clearly understood that my romarks will be restrioted, and apply
only to farma of moderate size, say from 200 to 400 acres arable. On such farmas as steatu-engiae should generally be found for threshing, krinding, ohaffoutfing \&o, avd if the hardy horse which does all thio can be fetched out to give a lift with the ploughing or want With farms of large size it is my opinion that a couple of sets would then be desirable over the big for I had recently an opportunity of witnessing the performanco of a very ingenious and handy plough, Which waq invented, and is worked unobtrusively, by frame, in which are fired two double plonghs on Et each end. On reaching the end of the field, up one pair of ploughs by a short chaig to the framepair of ploushs out of the pronad and diraws rases one pair in. This is effected by a simple but olever conangincering which shows that the inventor has a bit of cultivating, or may wish to use a plough occasionally, beng, or has been, done at slowe. I confeas my own
prodileotion for cultivation for etrong olay land, arol
 he small he later tool or Mr. Bearua would suppiy, for take which, in my opinion, inventors and manufacimplementa make, is sttempting too muoh. If half the cultivators and ecarifers in use were reduced oneproperly with a team of four horse, instead of merely going over and giving a surface scratching, we should sec less Twitch, and cultivation wrould be regarded with
more favour. Monsters, from the Great Eastern dith wards, heve been always more or less filures. The grest uhip mas do for laying submarine cables, I have ordinary work she is as great failuro cortainly nothing can look better. The caltivation for the whole year has been completed. Oae piece of land, from which a crop of Mangels has just been removed, nombod nothing, omine to the oultivation it received for the last crop, but a horse-scarifying to prepare a drilled. On sn adjoining farm, recently purchased by Mr. Smith, the fences have all been cleared away, and a large number of men are engaged in draming, preparth, undergoing a speedy and complete transformation; and will, no doubt, in the hande of its energetic owner soon be on a par with the older cultivated portion of
the entate To a farmer with ordinary means, the
purchase of a large set of tackle involves too muoh purchase of a large set of tackle involves too muoh
capital, and hiring is very uncertsin. Joint sets too,
are objeotionsble, as it is hardly likely that B. Will rest are objeotionsble, as it is hardly likely that B. Will rest
satisfied while A has finished his pork ; and if the satisfied while A. has faished his work; and if the
tiokle is to be removed backwards and formards as osoh
has fnishod a field, too much time.
 are wisted in travelling I have for seven years
been in the habit of caltivating for hire among
my neighbours, but I never do this sort of work until my onk is finished, and then the season
has been sometimes too far advanoed for it to have
done the hirers much service. I have nover coreted done the hirers much service. I have nerer coreted
thss kind of business On a farm where steam 18 con-
atantly used, the lad is geaerally more or less prepared stantly used, the land is generaliy more or less prepared
for it. In other cases it is often the reversa, -crooked fences, deep water gutters nloughed out, high-backed
lands, excess of filth, we., in fuet, I find that I can nerer lavds, excess of fith, of work abroal as I can at home There may posably be farms, such as Mr. (ampbell
of Buscott, where there may be ronm for a leviathan of Buscott, where there may be ranms will not justis s the outlay, and the hiriag system 13 too uncerfana to depend upon. Some years since the iarke suft
drils were introduced and hired out. At the present trme nuoh an umplement is, in this part of the country,
keep a little handy six or eight furrow drill of hat awna
which can be brought out at a minutere notion sten plough companies will, I thiul, neter be found phean
 Ifter 11 cars' expersence, I do wot hestiute to Ray that any oocupier, if he has over 200 acres of strong land, wrill
find it ansmer his purvose to set of the small taokle for his owr use, and, if inclined, he may, Whon be has fimshel, give his neighoours 8 irt and reduce the cost of liss own. fied with the Feoult. Fi. W, Bigmell, November maif "Agricola' ( p, 1180) shall have the partioulars for
Which he ask, leoture me; "for it is not gentlemnnly to openly,
doubt atatements when a sufficient reference is aiven. doubt atatements When a suflicient reference is given.
IT Mr. Smith will kiudly and attentivery read oven If Mr. Smith will kiudly and attentively read over my lagt communication, he will obsorve I wished to obtain
the required particulars from Mr. Toepfer, as a chamthe required particulars from Mr. Toepfer, as a chatuthe smaller or Woolston aystem. Can Mr. Toopfier, or ady gentloman uaing the largor thokle, question tho

 and has he any reason to douft Mr smilis, figures, as Tiven in the Agrimitmris Gasife of Oitirber 16 ? tho gap in Rrlls Mfssemger Gilled up. Mr. Smith's last sentence I will not notice, but let me hope that Ootober 28 . Haply to the postscript of mine of January 20, 1866, it gave me an opportunity of reading over his soveral communications on this subjeat, also those of "West Indian." Will Mr. Toopffer give his experience on the waggoning of corz? or is the instance at the Jritannia Parms, Bedford, of a traction angine being thus used, the first on record
祭angel Running to Seod.- The letter of Mr. Bignell in zour last week's impression, in reference to the he sowed "bolted" very bady; the other, whuch was gown from seed supplind by Messrs, Button, was not in the rowing and all treated alike. Mr B. sass thi doen awhy with the theory of the season boing the cause. I must beg leave to differ on the point with hic. B., as I have this season seen aud eramined a fom seed supplied by Messrs. Sutton, and in no siagle inatance cen I find them less seeded then the others or better in either quastity or quality. Francl
Hutchinson, Northallerton.

## Societies


payment of judges who are members of the Council be rescinded.
JOUREAL. - Mr. Thompson (chairman) reported that the Editor and Dr. Voelcker had carried out thei report will be published in the next Number of the Jourmal; they had applied to be allowed to have an iliustrative map hthographed, at a cost not exceedin 40l., Whioh applicatiun the committee had endursed 6000 copies of the next Number of the Jouraal be 6000 oopies of the next number
priated.-This report was autopted.
SELECTION-31F. Thompion (chairman) reporte that the gentleman who had been highly recommended Kent had died Fr thina the last few dass; they therefore recommended that the election of a member of Counci to fill the existing racanoy be postponed unti December. This report having been adopted, Mr Thompson called attention to the perding revision o the bye-laws, sad suagested that the existing rules as to weekly Counzils should be made applicable to only
 sukgestion, baving been secouded by Culonel Chailoner wha arried umanimously.
GkNERAE, OXFORD. - Coionel Cballoner reportec that the authorities of Oxford having requested information as to the water supply of the showyard the Seoretary had been instructed to acqusint whem Fith the conditions of their agreement, This report having been adopted, it was moved by Mr. Torr, seconded by Mr. Milward, and oarried unanimously, that the names of Mr. M. W. Ridley, M P., and Mr Robert leeds, be added to the list of the committee. Implembnt. - Colonel Challoner (chairman) reported that the prool of the Oxford prize sueet, with alterations.-This report was adopted.
Stock Peizes.-Mr. Milward reported that a list of prizes for the Oxford meetiog had been provisionally mended that ordered to be princed. list of the committee. -This report was adopted. A letter having been read from Mr. Mason, Hıgh Sheriff of Oxfordshıre, it was proposed hy Mr Thompson, seconded by Mr. Jabob Wilson, and untried plate of the value of 100 guineas for the best managed plate of the value of 100 guineas for the best ruanaged accepted ; that the Councll, however, are not preparel to offer a second prize; and that the Society do appoint and defray the expenses of, judgea and a reporter, and ar une conditions of oompetition, all details to be arranged by Journal Committee atter communica report shall be first published in the Journal of the Bocient
Suffolk polled cattle havine been read Norfolk and Was instruoted to inform the memorialists that th request, viz, that prizes should be ofered for the abore breed of cattle at the neat oountry meeting of the Society.
A letter from Mr. Swannick, on the subject of pigs being entared for exhibition whioh do not comply with the regulation of having had a litter within a certain September 1, was referred to the Stock Prizes Committee.
EdCcatron-Mr. Holland (chairman), in applying or the renewal of the of the result of this year's examinations, as has already been published in the last report of the Councul, and stated that all those gentlemen who had pasged the examinations trere, with one exception, about to become either farmers or land-agents. Mr. Thompson haviag a sked whether the result of this year's experiment had benn satisfactory to thecommittee, and recelved a reply in the affirmative, a disonasion arose as recelved areply in ge at which candidates should be admitted to eompete or the Societs ${ }^{3} 8$ prises. he committee, that the maximum ate he fized of Fas ultimately adopted, and the grant was unanimousily enewed for the year 1870 .
adjourned trial of Potalo-digeers reported that the

 and Mr. Nixey being nuable to certify that the had) mentioned meow had been forferted

An applicatinn to have an authorised inseription engrave na pleceof plate, purchased with prize-money The Oxford mest, was granted.
Mondsy, July 13, and to close on Friday Jniy on t 4 o'clock.
Reports on the recent International Horticultnral Erhibition at Hamburg, and on the taking of amplat for analysis of the guano from the Guanape Istand both forwarded by the Seoretary of State for Foreign Arairs, 18 well as a report on the exbibition of the Agricultural Soclety of New South Wales, held
Colonies, were lad by the secretary of State for the Colonies, were latd before the Council.
Col. Kingmoved by Mr. Thompson, m. meonded by (1) That the Council and earried unanimously:journad to Wednesday, December 8 , itay stand ad (2) That a committer ocasisting of 8 , at 12 o'clock Conncil who are willing to attend, shall meet on
Tuesday the 7 the of Dilling to sttend, shall meet on
a report to the general meeting,-the report to bo laid before the Council the following day, (3) That on half-yearly general meeting of the sock. The Council then ad

## smithfield Ctib

A Councrl meating was held Nuvember 3. Present His Grave the Dute of Marlburongh, President, to the Whair; Bugh Aymer, Canning, John Clayden, Josoph Druce, Samue W. B. Canning, John Clayden, Brandreth Gibbs, Hon. Druce, Thomas Dunkham, Brandree Howard, Jumes Secretary; Richard Ifornsby, Charles Howard, Jubes Moore, Heary Overman, Jobn Painter, W'm. Sinday J. T. Sousor. Wim. Torr, Enrd Tredegar, Vice-PresiThe honorary secretary was authorised to apply for the usual license from the Prisy Council for holding
the Club shaw. the Club show.

A committee was appointed to make the necessary arrangements as to dimfeeting cattle conveyuaces
The Council prepared a house list of the enght members whom they recommend to bo selestod on the Counoil, in place of those who retire by rotation at the lose of the ensuing show.
The offer of the Agricultural Hall Company to prepare, at a cost of 15l., temporary acommodation for any animals that may be takeu ill during the show was accepted.
It was determined that the Clisb's annual dioner shall take place in the new dining hall attached to the show, on Monday, Dec. 6, at 4.30 punctually. The stewards and hon. se retary were requested to make the necessary arrangements connceted therewith
Authority was given for the preparation of the pieces of plate and silver cups offered by the Club at the tnsuing show:
The following were duly elected members of the Club:-The Earl of March M.P.; Charles M'Niven, Eerrysfield, Godntone; Mr Mibburn, 76 , Church Lano, E91, Edgeware lRoed; James G. Unite, 291, Edgeware Road; Frank John James G. Unite, 291, Edgeware Road; Frank John Unite 291, Edgeware Road Sthgoe, Manor Farm, Adderbury, Oxfordshre: Wm. . Frantlin, Asoutt, Wailiazford, Janpha ipalley, Wallingford, (C, Strohenom, Woburn, Beds, John C F. Kamsden, Busbridge Mall, Golalmins, J E Heasain, Angmering, Arun lel; Fla Deajafiel, Stalbrdzo, Dorsetshire, James Mason, liynsham IJall, Winnos, In, Mitton, Wheatley, Oxna; Philtp Turner. The Lcen, Pembridge, Hereford; Sir Anthony D. Ruthsichild, Alford, Aberdeanton, Thallertoni the Earl of Radnor, Coleshill, Mighworth. to 1 Council determined that the report on the live wo rear by Ir if if リ. row written, as for the haw Thic Council, ias sug cunsulertd whether by the rules certann entries of hire stock could be received, crime to decisions on the same, and gave ingtructions aocord-

## ingTh.

Grace

## Farmers' Clabs.

LONDON.
Nov. 1: Continambal Raywing.-After Mr. Howard' lecture, reported in another page, a short discussion
Mr. J. K. Fowler had seen much of the farming on the Continent, and regrettel that Mr. Howard had no more fully deseribed its dairy managernent. He quite agreed with him that Sugar- Beet would make grea bead way in this country; but d!stilling from Beet would not pay, as the spirst was so inferior to Grape spirit Another subjent was the sheep and cattle mports to the Continent from this country, Enclisk marhinery did not take so well, th in many instances there were not mechanics capable of reparring our highly-finishad and expensive productions. In some instances, however, as on the iarse farms and estates of noblemen and prinoes, maohinery has been sucoessfally used. He referred to the Continental beer. He had never neon anything in which so great an irmprovement hac Continantal beer. This he ettrisuted to the fact in in

## es rewobl in .politiont peper just heard would be

 were bettad to find that the labourera in this country $J$ ohn Bul. is apt to be very concere on the Continent must bo remembered, however, that and atupid. It ago the Continental of misery, if wo do not were in the very depths improving till, instead of our being thes in the go we shall be very far behind.gry that the erer was very plensed to hear Mr. Read had grastly impriculture of some parts of the Continent regretted that this courding the last 20 yearo. But he interving his recent tour with Mr. Janking fitom, intervai of 16 years, he only sar. acentoz, arer nd monbin atook, which he traced to strainy of Bealis animala He believed the corn gromet moth Laglish bua zow. He must not, howerer, ber more ahony Bolgien farming, or he atoult tor, the more gout coming report. He might remark, however, that the Belgians on more than one ocrasion expressed their astoniahment at finding Eaglish gentlemen oomang orear to look at their farming, is everything which
by reading English nublicationa
1Bect, ho believed Eagland

 Gormany, in the neighbourh
then described minutely the the Sugar-Beet minutely tho yropent m honli wiretute eutirely belors t hero way bove the ground o-half as muen meser the soil.
Mr. CrOssiaill quashioned thethe to pot dun is the protective system tode Fiz, the high duty on colonial gugur that Continental farmers had imo than English farmers had during thy them ho was aninded of a remats them he was reminded of an ageat reat civiliser of the human race sent beer to pracede them; they tod
themselves; thus thes were ablo toocs to Christianity !" Thia was of coumb to oreate a laugh, but it Was appopa better to teach the labourer to apone se sumption of beer.
bad He could not but remarti to tion of cges aud even milk, which London nulk, and very much pure Mr. Pele M.P., said Mr. Homif touched on cottior farmang He fry that the conclusions of Jis. Hensh cultwro and largo farming were th erroneous impression to the Clab.
were very likely to be arrived a 1Ioward, whu has douse 50 much fer
of English atr.tulture. As regut of English atr.culture. As regnin the sewage of our towns mught be
 small coat in many oases As remin
(Mr. Pell) did not place must fath
 principle, buth fir the farmer and flosk of shoop than sell his roota $\mathrm{H}_{\mathrm{n}}$ 'He CHaraman thankel Mr. Hons if oharacter of sure that uhen thay came no Holing wis jerfectls clear from ly Ho herder for mat to lespay. that lic lowd not ars red the Engrimh ad rogards large farms and pela culthe nere preseas, the Pusture Farmin In reply to Mr. Croskill's would be notning fur the Brtis
of 1 m regard to the sugar duties.

Cnnual Treetiny. At the so
Club last weok there wh
eloquence, and wa take the follomin
 wo had read a suo
Club the primary

hem to compete for them and made thom more skilful,
 artent identified with those Was sure they were as nulu gbout the country talking Mr. J. J. Mecni said be wes jos
man to propose the healte of tho man to propose the healu they absenco of their

## a word or two


the

# Hery wuch interested in what he had geen He had been eroeedingly pleased and glad  

rany las ue - surgr The ize lat been exceedingl| interested in onderthe ove,
das. end if they studied the operstions going on manuictory they would fod thest coivoco had proithble sad they would conolud the that
bo well for agriculture to seek the aid
 present. Wo ware in a trasition stat at sad Grass superabundent to one Those millions who 10 millons Those millions who were engaged in required to be fod every day, and looked
er oountrymen, who wera aqrioulturists.
oountrymen, who were arriculturists,
o thaza thay used to do by the ivest-
capital and enlarked intellizence.
 beem orhaustod P Hp thought they
him that wo were only on the thres-
ural prokresk. It was onis the other



tean he would tell them that he eskend
 Whe horses, and also the pressure per net. Icarn that at an pressuro of 16 on lo to tho What dhd they see in the reat marine Wha equal to (ine) autual horses. Let It therr minds never to use a man. where e a steant-enkine.
br ahht hint to the question "Have we capital verc co.n: tow from the expenditure of sismall
 thry mast yet it from some ono who hnil kot tit practical.y 10 tho matter of steam-
they cotad not affird to have one mi thu farim was not large enoush to compleys went to some one who had capital and is orgint to which the was Willing upon $r$ in. agriculture being ahort of oapital. Go
ine le would, he could fud s anmber of
table mon with very large canital invertoc g but agrioulture. Ee could point to a could not aford to put yif covered 3aris and al that there mas a want of cappitas , He would 3 was the belief in the power they had to invest ithl They were not jow o different position to
nufacturers, for the history of all manulactures of those engaged in therm were at first opposed The mose profitable and intereasting luventions Bhem renember how, in the early days of rallways, cit rs looked upon the ralluay engrano as a them, and what had been tho consequence they hayl liad to make lines at great expense t al, simply because thay Fould not believe in the ord and tenilways in the frrat inatance. Let both llect hat nratioultural their miads to this fact, for $d$ or 1 and tenant for thelr mutual benefit.
 Tof the feld theo where oultivatiag in interferiag
those two engioe

 toat pay the landlord the full value of the farm
the




 a, they nmi nr lupul. 10. engines for steato cultiorie whilis see no thang if a tenant mado a greater and Mhaff rid to pay a hetiter rent to his land-
ned
ourementaticalis, that was what would follow ovements.
 "ame to, talking the United Kingiom, and he zot exceend 31 12 . Der rore. Ho would till thom





 the muncy rome fron and they were being when they
that wils
era conFinced (as they were being oonvinged), that it answored their purnose to take e90. an zore for a good
orop of 1 Beetroot, let them not spend it al when the bad got ite but, put \& hatto bouk in the shipe of oute,
and a lithe Thit tid in corr.
ble for them to the question whethor it wer pronts
 Beetroot, and how murth the minure they make was worth "The question was not yet solved, whother it
would pay theu hetter to sell tho Beet to the suga maker, or to feed bullookson on it He hat heard it said that it takes a ton of Boot to male 14 1 lb . of meat, and, an were correct, and they could grow 20 tons of Beet an acre, it would pay them very handoomely to sell it
to tho sugar maker. He had been lauphed at a reat many tumes, but te farmed for profit, and he obtainod the draning his land, throwing down fences, having of cak and corn whell did not grow on las land. He
 hourght not Chipers and laukhter That was a very honest answer, and he expit ted some such reply from some quarter, but be was there to speak the farm, which was almost all arable-he had only 1 Bacres of irass- he found ha had liti, an acre capttal as Cenant, and he found that was not onough, ant he seli a E.201 deal of to to buy luuluocke 11e wanted 20 ? san acre capplual no tenant. If thes askel bow it was invester he would tell thmm Thinre wat of an acre on he 1 illazes, whill were doeep and inoluded gll masure
 sta, he hat comelo to js or it an aere whit hbrought up
 Thoy would grow mir. H. BrDDELL A Ad two crops. as with ordinary parmiog they would on two, snd that was the was ho made his profits, and when ho told omething like $612 l$. s year, they would think it wes not so very bad considering that be wan an apron-btring nor with inl but he oonld with 16l, and acre ospital, more with gol He knew many thoumht 10l. an aome wa ample, and if they had plenty of phor graza it was, but not if they had al arable land. The groat want, more monuro; brew ronts to selo. this experience had taught him, of producing that manure so chearis and of such good quality as by feeding animnls under cover on what did not prow on the farm-cakc, espermanure, excopt in some pecuhar soll where auperphouphato चis needer. Then, 85 to the treatmper manure, whar they had got guano it would not do to manure, wher they had got guano it would not do to
put it down in the farmyard and let the raias of heaven put it downin the farmyard and lot doe rains of heaven think he was insane or a great fool ; but that was just what they dud when they alloned that still better what they did when they allomod that still better and and made into muck heape by the side of the roa fathl ramed upon they were, in so donng, makine a Those mbo hal wen hin crops monll know whether
the astimate ne was fung to give them were corrert. the estimate ne was fundg to give them were correct.
He got lin bailff to measure his root crops before he He got his bailf to measure his rook crops belore he
came, gna he found on each musie rod 78 roots
areraging 7 lb euch, reprasonting Mangels per scre' and tite alobe Mangels, with the same How were such orops produced on poor land whieh le
before he had it at $18 s$, or 20 s. an acre? It was b drainare, deep cultivation, sad above all by the consumption of like hotuh-potch pulding directly from under tha animals and put on to the land and plotrghed in like animals and put on to the fingh of the rotatim on part of his farm was two Hheat crops-White Whent followed b Rivetts. He was askerl what lie hat after hiseat, and hap That was his restame erop, and he couhl not make it except with the quantify of stowle he ked and if ho

 to 10l. or $12 l$, an acres, and thun rotila 12 the kiagdons
lerge proportion of the $70,000,0001$. a year we pat fot But then prome the queation, did they put all thin foed Thech they consumer on to the land agano and thasion hus, and the kuthemen in Ipswioh, Normath the ther large llaces are junt coming to botiove the of people wore added to the $80,000,000$ of stieep is


 it Xirth I, Bheteil for ! If yeara, bit what wat the wee of
 13thlacres of land, had were molliz til luar their acwate on to $1 t^{2}$ and they hat alrosds bems thd of an arre for the land on which the sewake nould be ued. A very emment man congeceted with Liverpmol had informed him that people Wers wiliag to kive 25 e. -dy for the uta of a 2 -iach pipe of coware, and of of food that goes into Ifondon should gome out egan
 was to therrenpecal interest, that w!an it is brimght thoy would pays hir pirme forst all:har prure as woutd eave a satisfactary prafit, bersuse nono in theso thinge would bo dune without a profit. Let them beloeve han. it was for their suterest that landlords as well a enants should work together to make agrieulturiets es ree as thoy could. He could not agro fith she statoment that if Manchester was in ruine the lend would atill prosper. I Won't betheve it. Ynur beef, mutton, ould swoen away from England that wistec amploye tho larmost ntmber of her chidren-her manufacture t was hor manufactures that made her great and wealthy, and it is throtish them that she wil retain her reatness. I hope wo shall see town and coututry anited for them mutual pond, and with bo jealousy petreen thent-and that buyer and seller may see thet they are nomossary for each other's profit and the good of the country.

Mr. Hrzcecocr sutd Mr. Mechi misrempemanted him when he atid that he (Mr. Hitchcook) atated thet the ountry Fould prosper if these great towns were in hins. He said bo puoh thinge. What he said was pronf of his assertion he porntel to the ('ampain of lome, wheh was cultivatel thomalh kome had of lome, which was eultwate! thonsh kome had
fallen, Fle dis not mman that they would be equally
urosuerous aud, said Ir. Hatheock, whutu said prosperous, aud, said IIr. Hiwillack, wheu I sad
 Beet. IIe had not experienoed those grest orops that had same so grestar brendth next jear if Mr. Ducanas would offar the same andusements that lie had dane ttals $\}$ ear. He believed when they seleoted their seed they would improve both in the bulk and quality of their orops, for he rould not but thmk the reed they had was very bad. For hisotyn part Mr Mechis statement required a great deal of dizestion bofora they became assmmiated into his (Mr. Biddell's) agricultural bystem-but at the sama time thay had to thank Mr. Mechi for a great mady thing. He did nof agree with all Mr Mechis aspersmenta, and hoshould not bo wrone if he Eand that ho aurced with very few of them, but as Mr. A Sechi had become public property, and possessed such a wonderfully good temper - he did not foel any diffidenoa in nıking somo comments upon them. IIo nust think Mr. Mechu, when calted to a better world, would lemve his mark upno the day in which ho lived. Jid they know whas had been the effect of his erusade againnt thick sowing's lie would tell them. 'Itere were about 34 million acres of Wheat growin a sear in the country, and ho did not exaggerate when he baid Mr. Mechi hed decreased the quantity of seed by haif o peek per acre and, spread over the whole breadth grown, that hali peck per anre became a great savink of lood, abs a gain

 altigether one of thine who beliere in in 5 or 6 feot draining, but they wore golng wrong when Mr. Meahi
set them right. Mr. Mechi war one of the sanguin
 but without them we should not havernmod mis spoke, he oould underatand that by makiag a donble outiay of a0l. an sore he could largely ancrease his proget two crops in one year. Ie had never seen the yent outlay of ceapital.
Mr II lloneLt, said the gentlemin who alluded to the conitition of tho agriculeura? habotarer only weat into the juestion a hittio way. Hegot as far as Canon r.rnlestone, and there he pulled up, and just where he fullent up, he (Mr. Budell) Wanted to bezin The ther presehing right and left that the arriculure abourer is not paid sulfocent to keep hody and eors tion liaked hand in hand with men lite Mis. Peme

Mr. Bealea, and Professor Fawcett, who were bringing forth resolutions which the effect of which was, that we are to going to press, the effect of whioh was, that we are to mave compulsory can keep his chlderen or not, stifl he shall educate man can keephis chularen or not, sthe child to work at eight, or 10, or 12, was another question: but he should like to put this questiou-if a man with five or six children gets 10s. a week, which Canon Girdiestone protests 15 more than they earn in bourhood, add one of the children earns $2 s$. and and another s. a drop an per chidea to be educato, how aint he wanted cleared up and the man who brought the matter to that point should olear it up. He was no evemy to education. He thought every man should be able to read and write, and to see a man neither abe to read wisbed to ontinue At the same time, if a labourer Wished his family had hardly enonela to subuist on it was a aruel thing because you persist that his chndren shall be educated, wsay he cual have to the question at all, but would be very much gratified to see it solved. No doubt it was gratsfing to see a clergyman of a parish where the inspector came round, to find the children at his schoois ready at once with the latitude and longitude of Serincapatam, and able to answer all sorts of questions of that sort, but if this knowledgo were gained at the expense of a glass of beer to the lather and a they had no right to expect it. Thll we have put lahourers in a condition to keep themse?ves and their ehildren, and havo their chure The iast renolution of the National Educational League was, that education should be compulsory, and he couid not conceive of of disobedience sud the effect wonld be that whether the father had the money to feed his children or not he the father had en mot labour on pain of meing sent to gaol. That wanted very careful handling. He did not want to stand up as an enemy to educationinto the House of Commons he would not counsed factious opposition to it, ana he would ask his brother farmers to kive their information and assistance to 1 .eir members, in order that such a would at ali times protest against compulvory education, He knew the same parties who formed the Education League would tell us it was not the plodding man-it gen the that we want to further, but to such he would got so muoh philominticres your Mobenty stands in need of as happy sand enitentel subjects Mer Hid not wish
to follow Mr. Hit heock minto the ngricturai subjects that are not conuected with agriculture, on which that gentleman had spohen. He had heare Mr. Mechit ailud ind Thand he occupied at Tiptree, as beng hechi was not 14 the spirit of opposition, but it was a plain quest ion, which be snew be would answer. Me bourhood of Tliptree, whose integrity he could not doubt and whose veracity it would be folly to queswas capable and did produce on an average 1 quarters land that did that could not be very farm. Now land that did that could not be very nour land, or we had a vast quantity of very poor land in the best districts of Suffolk. IIe hoped wherever Mr. Mechi went he would be recelvcd in the manner which his equal temper entitled him to expeect. He had had to have done weli to cong the erual temper of the man
 Wechìa word, but he disbelieved the conolusions at profits of the Tiptree Hall Farm.
 Roxburgirsilies, 'TwREDSIDR, October 30 -There has been a good deal of grain brought into the markets this monti, and we have now a good gery bulky, and is threshing out a capital crop; in the earliest districts t was cut and carried without getting a single shower the colour is not so fine as last year, bushel, much the same-from bi to 60 b. per In the at fetches from 38 s . to 40 s per quarter. In the fater districts they were caught by the broken weather, which discoloured the grain, and a good deal of it was carried in bad order, and heated, which accounts number of infcrior samples that are comins straw, and wark be a light crop-they were very much damared by the weather, not only in the stook, but also in thestack,


| Horticultural Clasp Wavedome |  |
| :---: | :---: |
|  |  |
| NEW LIST for ORCHARD.HOOSE GLARS Majesty the Nothlity, Gentry, Rr. Rtversi ad im multuribts of the Unlted Kingdom ORCHARD-FOUST |  |
|  |  |
|  |  |

particularly where they were not thatched, for the eavy rains drenched them down, and they had to be carted out dry. There is also a large quantity spoiled by heating, esperialy in the high districts. Potatos ar capital crop, and we have heard of Do disease amongs them ; Thrnips are also very good. Stock of all kınds has done well through the summer, and are put on to Turnips in capital condition. The murrain has been prevalent amongst the cattle, and in a few cases th sheep have taken it also, but it has been of a mild type, and bas not thrown them very much back. There is \& good demand for the oattle that are coming into Shee bave also been much ioquired after, and are sellin dear. Draft ewes will be up from 88 . to 10s. a head from last year. A number of farms have been adver tised to let this month, for which there has been a
great competition, and are letting at a considerable rise over the old rents, $I$.

## Catendar of Ppetations.

November-Wheat-sowing on autumn fallows that have been manured should now be concluded with all possible despatch, and alter root crope as 800 n as they stala furrow seed-bed, it is beside the question practically speaking to talk of a stale seed-bed in lands practicaly speakiug to talk of a stale seed-bed in lanisis November, which is penerally cold and rainy. There are no doubt exceptions to this, viz ong periods of dry frosty weather. But even in such oog periods of dry frosty weather. But even in such cases November weather should not bo trusted to and therefore the safest plan is for the single night, and therefore the saldest plil and harrows, steam tackle to go back to the secd-dril and barrows, and bring up the seeding every cay close to the ploughing; for if rain falls over-night the seed-bed is better frosty the land will make the reed-bed improve just as well, if not in many castes better, after being seeded than before.

Mannel Hirref, lowerer farourable the weather
 in before they are lifted, 80 as to affect the roots. it may be advisable to givo them a few days fresh wenther to recover; but if the risk is greater than the prospect of advantage, pull and store in pits of a less size. The course of ten days or so, as the pits may need to be course of ten days or so, as the pits may need to be recovered thrown out. The pits may be so made that in turning them two or three may be made into one of taice or thrice the size, and, as a rule, if Mangels are the least tuuched with frost they should be thas stored and tarned before being finally earthed up for tho sinter. The expense ts little compared with the safety of so valuable a crop. Select a fine drying day
for turning, and throw nside all roots in the slightest degree affected, the bulk of which may be turned to degree affected, the bulk of which
some account in feeding store stock
Early lambs for Christmas should now be forced forward, bearing in mind that the fineness of the quality depends upon the food of the ewes and what that plenty of rich mall is the natural and beat ford for making lambwhich will fetch the top price to the London market; and further, that quantity of malk ill not make up for quality. Corn is better than cake Cabhaking rich milk, Clover bay than meadow hay, Cahbuges than Turnus, and the yellow-liestird rarieties
of Turnips are to bo preferred to the white-fleshed.
Shelvered partures should be set apart for ewea and hambe, and where there is not shelter naturally, stuffed hurdles ahould be uned or straw webbigg as dirccted
in gpring-time, one row sbove the other slanting so as to form a semirroof for the owes and lambs to go under are lambing to supply the demands of the new year, and the season onwards. As a rule the skins of ewes and lambs must be kept dry, and if this cannot be done outdoors, it is better to house the fock at be done roomy pens, and feed wholly on artifichal food. $\#$. $B$.


moldure, air, and timo, without any other aid.
$=$



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MEverating and Dred Naural Flowers





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## Arrival of Bulbs. <br> $3 A R \mathrm{R}$ Anvad  

## The ©aroemerge Chronitle.

## SATCRDAY, NOVEMBER 13, 1869


Conplicaten as is the geographical distri-
Wion of organised beings, it would have been adered stall moreso if, at an earlier stage of our 'hose of IARIEN and Surne-had been cut smder by the agency of man, so as to allow of Thnesticterimpread of such plants and animals no now found lu their nelghbourhood. There I rfsent geologiealepneh, North and South nea war mot connected by that great bridge
now sempates the Atlantic and Pacific , but that thas was formed by one of
great uphearimge which have added greater part of its desert tracts,
isited by astual rain. In the narrowest part o the Isthmus of Darien Wo find beds of oyster shells, formed by a sneries still existing in a of tho fiahes, both fresh and salt water, as Dr Guxtimer has cloarly shown in his admirable treatise in the "Zoological Transpetions," are frund on the coast of both the Atlautic and the Pacific; and tho maritime and shore regetation, consisting of plants chained to the water's edge, and therefore not ablo to spread orerland is identically the same on both sides. Curiously enough the same conditions do not 800 m to prevail on the Isthmus of Suez-tho fish fauna of the Red Sea, Dr. Grixtmer reminds us, beiug absolutely different from that of the Moditerranean. It will be interesting to match how far this state of things will be inlluenced by the great work now completed, we mean the canal across the Yethmus of Suez.
These and similar reflections are naturally
foroed upon us as the day approsones when one of tho greatest engineering feats of our time, certainly one of the greatest our Freneh neighbours have achoved, is to bo thrown npon to the commerce of the wrild, when trado is invited to resume its old channels-that trade which, in days of yore, when narigators did not pass by the Capo of Good Hope, covered the terraced gardens of the Mediterranean with precious Forks
of art, and enabled the German morchant princes to heat their rooms with Cinnamon wood from India. It is humiliating to thiok that some of our greatest ongineorg, probably influenced more by political than other bility of a canal, and thereby added not a littl to the embarrasements of that croat preminer, M. DE I.ESSERS. Yet for all of that liko Galileos world, the groat project continued to move on, to progress, till at last it stands bofore usau accomplished task. But at this stage a diffeculty begins to make itself folt, which indeed, has long been foreseen, but reguires now to bo dealt with. This is the task of preventing the canal from silting up. On both sides of the like the me lines of the Peruvian desprt - aro at motion by moderately atimnew whed-, ataleomstantl chango their powition, Lnom mons cuantities of this sand would in certain seasons of the year drift into the canal and cance, if not a complete choking What is to be done to prevent this mischiefcannot pave so extensive a tract of country, but with regetation. It is a quastion whether the whether culturation or dredging is the cheapost method of dealing with this difficulty; and we aro hardly in a position to work out the question of $£$ s. $d$, until we have more facts than are at present at our command, But we have no doubt that if cultivation is determined upon, we shalt be ablo to establish onr mastery over the sand. Wo bave overcome much greater obstacles in Asconsion- Where, it will be remembered, that, acting ander the advice of the late Dr. Linnley and of Dr. Hooker, we took in hand an island which was a mere heap of ashes and cinders, without any water and no regetation, sare tbat of a few Ferns and Lichens at the very top of the highest hill, but which, by judiciously adding to the scanty flora Nature had provided, now possesses large trees, produces quantries of vegetables and abundant supplies of water for shipping. With such triumphant results schieved, gardeners need not shrink from
diffioulties presented by the Isthmak of Suez.

NegretTI has drawn attention to the great danger from sand which threstons the canal from the western side, but the late Dr. KoTscisy, Who was attached to the mission of inquiry despatohed to Suez by the Austrian Government some years ago, points out with justice that the eastern side is still more to be feared as a sand oupply. If Suez were a fresh-water canai, nothing wouid irrigating works as would speedıly convert the desert into a garden; but being salt water re must commence by svaning onrselves, in the first instance, of tha littla morktore thut he dume around the well existine vegetation Thw winl hare the immodiate effect of causing more dow mist and rain, and would anable pas gradually to connect these different centres of plant life, untrl
would be desirable that this green contin -hould consist, as nearly as possthle, of useful plants; but that would be merely an afterdesirallo that arery and hentol anil of samior part of the Isthmes is, should be socto as a great bas publisherl a long list of such plants as ho thinks suitabio for this purpose; and we think that his list might bo consilerably extended by adding some of thoso found in arid parta of Celfornia, l'eru, Chnti, aud Anstralia. The most guitable ato mpecies such as those whose roots penotrate deeply into the soil, and whose branches and foluage are aufficiontly thick to act as a kind of break towards the clouds of sand that aro raised; lens useful, though also accoptable, would be thoso which creep along the ground, and keep the sand down; and of atill minor importanco, all anouald which car bo

As appeat is malo, at p. 1161, for 1afirmation resperting the influence of lickgote Srawn on the Rooss of Conirmes. I'nfortninately graleners must still be baunted by the nightmare of "this horrid l"ungus," and it is well if thoy are frightened into more diligent guarding against a very prossing evil. Nothing new is to be said upon the subject. Cases from time to timo have beon reperted both as to the pernicious effects of fungons sprwn, and of the benefit of lifting and cutting off the diseased roots. There is great unwillingness even in more scientafic quarters to believe that Fungi can affect hoalthy plants or tissues. This, however, has been proved again and again in the caso of Potato mould, Vine mildow, and othor Fungi whech attack leaves. The rapidly destructive powers of the threads of Mucor on the tissues of Apples was lung since pointed out by Dr. Hassall, and any cultivator may find confirmation of the fact for himself if ow will obsorve closely what takes place in plante Whon they are shifteri. A little pieco of stick iu tho mould, should spawn grow upon it, will be a source of doadly maschief. Little thrends are thrown off $t$ the healthy roots, which soon decas, and if the mirchief is not stopperd, situms in-
jury is almost -uie to follow. Whe hal outselves aul opportunity, in shiftug some cuttugs of Polargoniums a fow day aimee, of witureaing an incontrovertible insance of the way in Which spawn travels to the healthy roots and destroys their vitality. The samo thing unfortu-
nately is sometanes experienced to nn alarming nately is sometmes experienced to nn alarming genus Polyactis. Mischief to tho extent of many hundred pounds in a singlo nursery has ensued from these little morlds serzag on the branchlets of Conifers, Heaths, \&c., and at once causing the decay of tho snbjaceut tisaues whereon they settled. It is seldom possiblo to ascertain precisely to what eqrocial lumgus the spawn affecting roots belongs, but in the few cases where it has been fully dereloped it has always proved to belong to one of our commonest Polypori. No tree should ever be planted where one has stood before without the most careful grabbiag up of the old roots. It is more frequently to the influence of fungous spawn that failure $1 s \mathrm{due}$, than to the old theory of the soil being exhausted and not capable of supplying the necessary nutriment. M.J. B.

- We are informed that at the meeting of the Royal Hobticultubal Socirty to be held on Tuesday, November 16, the following prizes will be

By the Socidyl.-4 Chrysunthomume, large-flowored in pots,

 planta boaring docorative irinte in poty viled foponh, Through the courtegy of M. NAEDIN we have OReired some St. Ceaike Dbyiler, in the park "Mout Souris" in the immediste neschbourhood of Paris. This establishment has been founded for the purpose of obeerving and recnrding mateorological phenomena per se, and also with speciai reference to agrtculture and horticulof the pretipest near Paris. The obeerratory be one vided with all the numerous instrubents now required rajufall, electric and magnetic conditions of theidity, raphant, elech well as for obserrations on the atmoand force of the winds, the nature on the direotion and fore of the minds, the rature and intansity
light, the forms of clouds, and other mattis
thus be seen that the establishment is very complete, and the range of observation very extensive. At the same time observations will also be made ontioned on of the various physical agencies plants, animas, and degree in which they are respecing the manner ay exterval conditions. It is clear we can hardly have too many of such observature tha we may confidently gnticipate made which will influ important deduotions wil Me St. Claire Deville' ence cultural operations. M. ST. Clarie bervations name is a sufficient guarantee that saceuracy.
vill be carried out with all necestary been published o
- Several notices somewhat rare and interestin ine occurreace the Asistic Locust in Cornwall ; to whic may be added, that an example was captured a still daya ago in Higher Market Street, Penryn, and it stinremaing alive in the possession of hr heard that any monger, of that town. We have not hear England, have been neenstane would eeem to imply that they have flown to us over


## south Hortioulturists and botanists will read the fol-

Hortiouivurists aid plessure, as a compliment
lowing announcerividusl, but to his fellow-workers:
not only to the November G.-The Queen has been graciously pleased to give orders for the appoint mento Joseph Dalton Hooker, Esq, M. M., an Ordinary MemBotanical Gardens at Kew, of the Third Class, or ber of of the Most Honourable Order of the Companions of the Most Honourabther an honour of Bath." It is open to question whentitable that could this kind is altogether the most suitsurh eminence have been paid a se in the sense in which it was but it must be taken in and moreover, there are intended numerous precedents for the course followed Some day, perhaps, we may attain to more to distin bation in whe mand literars mon
guished savant and literary men.
From Oxford welearn that infuential meeting
have been held, with a view to promorectictiral SINCIEL SH in that city, to be held in the Observatory socieris at the same time as the show of the hoya Arrieultural Society in Jnily next. We can but look Apricuthis renewed assoctation with the Agricultural Society as a mistake, but we trust that every eflort win be made to falsify our misgrvings, aud to secure
oxhibin in magificent DAHLIA IMPERIALIS is no
The magnificent Da $\quad$ HLL IMPERLALIS is now in bloom in the garden of the Royal Hortioultral Nociether pormatiting po prodroid at the meeting at South Kensington on wided those who wish to see opportumity will be aifthrded be been grown in the new orchard house during the summer, are nethes termi12 feet high, earh of nated by a grand panicuate meting ronservatory plant Thite flowers. as ablas is a noble acquisition, its priwapal drawbeck boing its great helght. Mr. Alfred SALTER of the Versailles Nursery, Hammersmith, however, by grafting ay young shoot of Dablia imperians of the liliputian kinds, has suceeded in of one of the liliputian ef the former. It will be emembered that, as usually grown, the Dahlia im perialis senda up a long, naked, unbranched stem, mor nconvenient than beautiful. Mr. Salter has obviated thit inconvenience, as the soion at once branches out into a pyramidal head, the upper branohes of whiol are clothed with flower-buds not yer expanded. Mr. SALTER's plant, in fact, looks as though the top of an ordinary Danlia imperialis had beon removed and sruck es a outting. This case is important with reference to the matter of Potato grafting, though, saying the difference to habit, which is as strikıng as that produced by the Paradise Stock on the Apple, We do not gee any evidence of the effeot of the stook in people can give this noble plant sutficent head-room under ordinary circumstances, thes plan of Mr.
 empad Onoidium Eogersii of which

## New Plants.

Bolbophylley (Cibbhopetiley) betesiespuendotrulbo pyriformi; peduneuto umbellatu, bracteís trian
 Lterailbus falcatis multo lorigionbus (albis); labello curvato trifida
A species in the way of Bolbophyllum (Cirrhopetalum) atratum, disoovered by Colonel Benson, in M, G. Rehb, Al.

Catagetem baccatem, Lind. var. flicifebey, noy rar
Wiskito anguation oblong acuto roplicato cillolato fimbrisis finion plano deppento, stio sacci trangverse paudur its otlowe antlouro.
It is gretifying that this most extraordinary plant thould have uppeared once more, and even in a bew variety. Long since there wha speoimen at Berlin,
hestor's collection. Is it still eristing there? It is the giant among the cataseta. cogreen, marbled with numerons brown spots. The lip is recurv, numerous slender fimbrice at the ides, and In front stands compressed spur. The basal part is fiat. In ivory-white the opening of the spur, adorneulicate lamella on the pandurate limb, having an crect picate tuberules before posterions sor the anterior part. The whole the green, with numerous cinnarnon-brown blotches. colung is of a gay yellowish-green, whe long posterior mail cinnamon-brown blotuhes. The 10 . Fas imtooth and the tendrils are weil H. G. Rehb. Jll.

Mesogpinidium Bowmanni, sy. \#.


## 

A small-flowered speoies, of sonatis botithical value. A small-flowered speoies, or rosy (?). Discovered by the sepals and petals grea Bolumbia It flowered in August with W. W. Saunders, Geq

PLANT PORTRAITS.
 perenaias herb, with Tho apathe is 2 inches long, whitinh, with ark green leaveet. carlat ovaries. It was eent to Kaw by M. Gustar Mann



## 




 or 7 inches ing, the petals or busc, the lip shorter, pale
with red purpla Hutches near the
cllow xith purple spots. A native of Costa Rice, flowerd
 Helinct iooking and handsome store ite or obovate-lanceolate drical stems
ylabrotis coriaceovis learves, hasping the thick midirio red
bencatlo, and long gcarlit drooping pedunclea supporting a









 fiowers, whth creertal nt wncha it is sometunes arown in





## 

सxad
 conifent. A dwart varioty of the Weymouth ping, of annicrowded, amil more glaucous than those of the type. The
cones are ala, much amaller than those of P. Strobue, very
 stituting compact broad bushes. It may bo mot with in the
Bols de Bonlogne, and in the Paris nursentes.
 Atemn, olothed with ovath or elliptical leaves, 2 inctes long,
green, marke itrith 1 dark $\Lambda$ sbiaped hande extonding from the

$\qquad$




 cose tubular Howers, trouthirds of an mith
tpped with groen. Introduced by tha 1 ith from the Andes of Cotumb
to be fragrant and eatable.

## This beandiful store herb, whi L lis becn entill

 ane past almmer, but without : sers, prodeup
## 

## 




by Mr. Rend from nasar
W. Winou Baunders, Esq.
potitos.
I HaVe now lying before me tro ditual Potatos-one, curtaing the past summer, 2 ing about 80 d
able connoisseu,

$$
\begin{aligned}
& \text { duplicatea of sorts } \\
& \text { tota! of } 110 \mathrm{kinds} \text {, }
\end{aligned}
$$

cotat of 110 kinds, with the notea of hast ledge of them, to descant upon. Whis I feel bemildered and logt in a mas distrust ? H.JW hall I deotdo, or woll ha Why, of the 110 knds there wear, if need bo, that the par ping his faith is the very be not permat tho publucation of need scarcely spared no ernenve to gatier tojecther fay varieties, Aul I an bersou or firm mid one is the name of
it is evident that
remark appended
me fis." -and it was almost identhas varicty krown in the
this. But I fiad Blso

## of many of the this

## this only to charaater of

reach of a por man
has already been salu
variety, flesh
Early Calico, anustler ohhon
may prove useful (i.eason
ovidently something to lonk
other kind. in qupearame
Harrison's Oval kound
that a quite enough; but 148
good one to crop, ant 14 B.
There 13, however, an N
that must be kiven
Amorican Potatos much

## English sorty.

shape, at least we may
not onit mentim of the An
Mr Walker it 18 a lke 1 Req
a capital croppe

## tried it ans self, anl

not strone or too rim
many 8 disappointment has been

## 


 I whitrery rethark ay fles to






 thear fears, ulall that 11 varthes Let met me
 of ten J totisied in publishapg a disparaging opinion. Sohit i friend nucutions a grievance apainst rang ofte: - It int that havo be "t, its. matquencee


 fimiry umal tat.on. lsugers, howtwer, liaves the







 Preat lat two ways of intring al ang thang


 crimake lit a relibhe a smm, llee on
 Aukust, when the sumber of tuarks A. u

thereat that the conephtree whey thatio

 or to award lirst-e lass Certitenter to thawe kinds
ohtanal live lanl vumber of marks onis : ScondCerl, feat 5 to those that ohamerd three-fourths
 matuz that t the mumber.
art of all come ernat an whanmons agrepment 1. an I secoml, twe retdat \{ronnunces, it The the benefi ral result of at ouce making we the word what are the of cuttug down to something of le that are gond, bur espand undulitiont hist |roprat, faling the firat, woldit be to estaprsenw in varsong pinaitancous of the country, parts of as neariy ons pleports of these trials alvo he fublished, but it is manifest that anstha serdiet of a central and respnnable hade

 aesitan is th.e first place, that where earlimess is or mondurive than its neighbour, shall hate a an: =1. If इom ket luch n inlity comble ased with
 fratier the heads already merontioned. And first, ant beares-oriety should be ofres mopper, in s becondily, the quality khould be of the
 is y objectionable. As to the texture, sonese rer: beit kitds vary at to drynese when cooked, 1)cinted than


 texture of other kirds.


 truest rounds is the licd lierent, a eosese-grunthe and uneren slapeo is to be fund. stomane the old hulucy form of round at ene end and pointed at the other; and all the beat hinds dovelop, an Minproved furm. For a ture, han lsome show variets, the -loso run by Duksou's I'remier. IIuntingdon Kuduey, the hiag of Potatos, Daintree's hicney, and a lew others, All of theso will turn out wath me tubers as smooth as though scrapoil with glass, and in form almost faultlens. All of these kinde affurd good guidea as to what athild constitute form I do trust that my aurpention


REVIEW OF THE GENT'S NAIRCISSLS, -VI Group 1II. (Conhnueds,-Particoronate: cromb Sess than haff as lung as the cintstuns of the perisath. TIIE autumu-flowering species, with atar-like mub with narrow acute hear divisiona, are three io number, 1 am not oware that any of them are 1i



 A native of Span and Bubary. It resembles the green flowers, and subteretel ives.


A tative of Italy, Smily, and Akrers. If firs from the next by it mare ruthit habi, several flowers, aud



 p. Exatends from Spain through the south of Enrope is the Barbary States, Creece, and Palestine. Flowers the Barbary States,



 matured-know weil that root and hud do not wove
sinultaneously thil the bud is develored hato s sloot
and leaf. And if this be o faet, whin I hase no

 wit - 10 lionter.
When matel in (r)t trey - . We Fivat it to the hence the great advantage in having Vine borders as hench uader command as a Vine in a pot, i.e, heated
much uader in guch o way that cold, rain, anow, or
or protected
 tempersture prpparatory to ront-action, and he





 uction does not take place in cold boridera thit some Weeks after shoota are formed; this I believed 10 then -that Vine buda awed and form shoots before root





 and then we atal. see tisat perti at on 10 , haton ath is arted upoth by the attatehtare $1, r m$ instr cost liashty,
 fon may call thas oborel un furce or thersy, or any tung elso ly thisele it may be bettro hirmul, but still Lo oumple lar to remalta h.e stme fo hase seent suthe
 More lasan su years agu I towk charge of a greenbouse that had Vines in it. The first wiater rell and as lirat gave ourt ayarare-sizer cirver bu about the time when the bunclies of Grapen skould

 the steman of the binath, atal ersiral of thein it ha in the
 crase, and fancied the lomize maknt nato lo en apened too early sums culd canly murnibs. is tho season senann followinz, butt with no better rectilts Ther hard made plenty of nood, althoush rather late, and perhaps some of it was searrely well ripened, but as there unrigengess coold not have betes the if sust of the failure. ext water wo extumend the rovis, and here we Huted the evil 'lite bratur liti rit been made many years; but the lines were there betore the border lent lina renerril, and theser ruols had


 unelhes, all we to atheopherse mlates, whont assmbace from the rouls: Did uot the checes wheh "ny servive to them? When the summer's run had growth took place. When we examined the border we found that several of the Vines had begun to throw


 - Iast February, in order to ease the Vines of their Grapes, with the entire spur athached to the bunch, and
 of the Graples were cut 102 May when $i$ the mbar hasd courre was bearls gone owind th the growth on the spur. Oat of curionty I bat half a dozens as they were the extra leat is given the y un? 4 , tol thenselves to $\%$ thi hes and lubtaces there alos treely developed on each showt. Ao roms up to turs time
 in thae, had not a too hat bluth of suat une day ended my expertment. Reasenabily, if a branch of a
line will produce growih in thit way whout the etion of rote a long tromst, uluke Vine full of sap will surely to che same thinf, ather a hittle heat and uenimg is ayphed, without the runis betug machon. Thome fambliar with put Vile cature-ami I mean hose who uaderatand the adradtago of havimp more roots in the pot than son, siter the joutig cane is


Slgant Cortespondence.
Vine Roots - That romth are often made wrimut any eorrespundigg action taking pare in tine branthen, cormmon occurrence, and can be dem to take $4 p$ a number
 of Goosobry bieves ; thene were put awey for a fot
 then the roots are subjeoted to a greater haeat than the branch, that even then growth is the foreranner of ""Taties", hegin to to Rroutt before they begin to form
 you were so koon ns topubish a short paperf of mine certain way of working the Vino. It is only nevessary certain way orworenethe the the bul percectly ripe, and to cut it of with , to bave tre bur pertectig fhe, aneration to be af equtrain smain portion or wod biording In the paper alluded ti above, I end deavoured to point out the great bene. likely to be otained by working some on frear weake
 and White Xice: and I am set of opinion tha morked Vines will ultimately beocome an imporran branod of trade with our nurserymen. It would be most interesting to try what fifert isull stouss sourd other Grapes, Any Vine that retaing its foliage ver,
Iate in the season would appear a most desirable stock



 1 have a prior claim to that, Above 20 gears ago I had Byoung ine sent me, sidit to arin vo it the thought Brruck me that I might try a bud on one of the old Vines. I took of a bud in the usual way, leaving the
 Tine. It was a yery weak bud. It began to pushe
rather weakls at frrt, but the looger
at grow the
 It was cut down to bbout 4 feet, and ripened eleght
 had fine young Vines to operate ypoon, while of had the stem of an ond $V$ ine Vine budding is useful in many cases mhere erafting cannot bo applied. On the naked stem of an old Yine, where you want a shoot insert $n$ Suryditu Houtse, Abergacenny.
 aniorded no new. facts in conirmation of has former
statements reazardise the proper time to pot Lifums. tile has rather chosen to rest his defonce upon some minor phraess incorporated with my last few observa-
 ai iexue. Hhat I meant by "authoritative toon of






 "earry time tes somo authorities have it and ns it it accepted iteraly by gardeners generaly, aspectily
when speaking of preenhouso pants, or such as are
 subjeet at isyue "Mr." says, the moment tho stems aro dead we may infer the adrent on tho resting period is long past, throush the frat that certain roots at the hase of each stem exist alono to support the stems. Such a theory I can by no meens support, $i$ e, that living roots exist but to waste their encrge eq inon dying stems, when the scall bulbs belolot are atively engzaged in collecting support from the stems con.
tinuously whilst an lota of life remains. I must needs go further: even atter observabie suaer-
 soil comprising the hail, are yet, uhilite slowis dsing each bullt, remplote with vitanity -the collectise morking of root and stem droing the rerowing season -is apatin eome little weight to that amonnt of sympathetic
 actual praotice, but past observation has lomp sugrested to my mind that we should not rest here-that, takine of ", the balls contanang Lilames and more e soin regard to the L. auratum. Letany one who may have L. laneffolium planted in the open ground, take up the bulbs in the early spring, and an oxamination of them will, I think, convince him of this fact. "M " rather taxes his magination when be says Mr Smath need do no more than make the following quotation from Mr. Smith's paper in regard to this. He says In Iges the plant wrs transferred to a laraer pot, and placed in a temperate houso in the month of Febriary portion of the old tan turned out of the pot, and a amali


 they aming pasto he sass, confrrmatory of the above). thay are cut down, and stored sway until the season
arrives to start them into growth." The primary
remarks of "M." rexarding "the Calendar," I cannot with periodical litarature a more ruouotonous task or a more thankless oflice than trat of writuge. I have calendar" for a leading gardening paper. Y a may nurse for long years and yot it never grows. you may nover put it into kept to, and practices, however obsolete with some, in some way referred to. Jou may prime it up witin a few fall in with the views of all, and that "week after weok," as he considerately has it. I thank "M." for his complimentary remarks, $m$. Earey. My friend and acighbour, Mr. D. T. Fish, in ooncluding some very interesting remarks on the monloration of the leaves of the
Ivy-leaved Pelargonium L'Elemante (sco p. 113s) asks Ivy-leaven Pelargoniua.-'How is it that so many of our follor Pelargoniums are so much more perfectly, coloured in the autuma than at apy ollier season?" Now, I am not about to answer this question, for the But I can fully corroborate his statement as to such being the case : and what is more. I may also state that. under favourable conditions, they will retan this
degree of brillianoy with little or no diminution during the entire winter months. This circumstance has induced me for some time past to regard these planta as being of the greatest importance for the purpose of adaptability to this purpose that. in the second
of my "Ornamental-foliaged Pelargnniuma," I have earnestly recommended the use of a separate the winter and spring months. The great beauty of these interesting plants renders them, I think, worthy of the consideration which may be regarded as to some extent too cold, and in other respects unsuited to their successful cultivation during wor , whe the stove, on the other hand, 1 too close and warm. think "it quito possible that before long a "tricound
house" whll bo quite as likely to be found forming part of many extensivo horticultural establishments as an orchard-house is at the present be fully as enjoyable, and possibiy hite is really necessary to keep the various classes of ornamentalfoliaged Pelargoniums in healthy and vigorous con brilliantly coloured foliage throughout the winter and spring months, is moderate warmth, abundance of air, Fithout subjecting the plants to sharp frauzh's, a position moderately close to the gass, ars of light, and carefully avoiding overarowding the plants. All these renfed erectinn. P. Griene, Culford.
Tellow Bedding Plants.-I Lave not zet noserve?
 for that purpose tha rouble Tasetes ratula nama, or dwart orange French Marifold. Thas is ecrding or ribbons. It grows to an even heleht of about tinueses to do so until cut down by frost. it will also Pansy mirch better on dry sols than will rither the are alyo fast develoning some gnod thinka; but the compactum section has beaten the forly as regards habit, butalan the quality and quantity of flower. Golden King of Tom Thumhs might have male a showy bedder, but for the very undessrablo habit it has (common alike to all the Tom Thumbs) of crowding up its bloom with foliage. Those who have krown it, and bean disappointed with the result, should not allow themselves to be prejudiced against the plants of the compactum section, as they are quite free from that defect. Luteum Improved is a capital thing: and there are snme fine omne colours alvo to be had. Indeed, one might make a flower parden exclusively from dwarf Tropacolums, so great is the varsety acknowledge the good qualities of the yellow Panay and Vola lutea grandiflora, but in arranging masses different heights are necessary, and, to meet thss
want, a variety of plants must be resorted to. Alex.

Coloration of Leaves-Mr. D. T. Finh in his easay upon this subject (p. 1138), has laboured hard to show the Iyy-leaved Pelargonium, L' Dlegante, is necessarily the result of some nnnatural contortion of the iesf-stalk", How far his argument holds good the following little fart may show. Nat long since I was at the establishane of the hollses there saw a int of plants of this Pelargnnium standing unon a shelf, where they had been for some time, with the foluage hanging downward all round the pots, bit not a coloured leap was there smong them. On the stage just op-
posite to these, bowever, was one plant that was beautifully coloured deep pank. On seeing this, I at once said to Mr. Elcombe, "I suppose yo hut he replied, "Oh dear, no" nothing of the kindthe simple renson of it ta, the plant has been allowell to go dry; and this E found, on ciover obyervntion. to
be the caso. As to the bright onloration that Mr. Fish Pritargoniums in the auturna, it may seem oruel to Pelargoniums in the auturna, it may seem, oruel to imaginative and poetical tablet of suppositions, but is
phere of autumn, combined with tho barl reat causo of this high development of band the . nonsense : high coloration in a canieg dety opir the accompaniment of rude health, Dof Seedling Ferns.-The following faot ms rest th those of your readers who are min fix spores of Nothochlana candida, which pliu: gined with sitver, causing the whole man brigut silvery appearance. I have rased
sorts of Silver Ferns, but never obsendi Praning the Wellingtonis.-I hat 1 plants of (Veninghorina ginautea, would a f the cat tae lower bramehes, and at which we subu itt?d to Mr. Frost, of Don gentleman replees :- I would never thind d he done? If it is absolutely necessary, Int alf at once. We never prune here, with the oing we keep the treas to one stem.
An Oak Tree Decaying. I shouk wh obliged by your advice regardiag an ahe
some years has been vers sickly tree of middle aqe. The branches at then off. and the foliage of the whole tation
withered and sickly look. I am told at this season would restore it. Maylff your opinion? and if so, how, and in rimp hould to water, haw often, and 2 Phe should bo dirg round the tree which tant awa? An OC subscriber. Whe sent purt Ingram, of Belvoir, who obluges us mian
reply. Ens.:-The premature deas die with pyrites, or qravelly bed sith ferme slomerates, or many other circumstopy obnoxious to timber trees : but as than to the circumstances can scarcely be giat advisable tn asmertanin the by digalig a m in depth, near, injure the roots. If the subsoil exhity drain; if dryness, due to a shoping pessosi
rater by tho drought of the two ses drenclu with manure-wnter made min destroy Funkus, which miy have sol be min poor, or unsuitable as above described ba paring a comport, shonld be a cood strone laam, or nen marl, mi red with leaf-onl, roar, and 3 lite
 then spredd the rompost tinches in trad

 Potsto Grafting - Sinme rents hemg likely to lead to any m, inst it
some time held the opininn, could ho eftected
shoota. This ilea will perhaps be twan
wild noe, yet I do not start this notion
 both as to its practicability and seedling Tulips, and it 15 a well-
tho recdling Tulip to continue for the aecdling Tulip to continue breaking into colours or fhame and them do so many exper Ten or twelve y rumniak several of the above-ab making them break to be a corpplete
graft took and grev
a feather or flame that the graft produce can be kraited, so may th with the Tulip was to take a feathe just at the time it was commeod
cutting it off with the leaf on the oft the flower of the seedlink, fis possible, I may also stata weather, some a fortnight the Potato:-Provide as many one in cach Pot

## ethe

 aven with the surface of the soil ando shoots as they appear. Wiln a ittie fine earth, grow th
## ; and keep each shoot tied up to the stake. When

 tion by the transfer of the shoots, Having pro-some slips of soft mattiug, a little thin, soft but me slips of soft matiog, a the thin, solt but
stured paper-if oiled paper all the better-also
softened tallow, with wery sharp knife cul son at 3 or 4 inohes up the atem by a sloping cut paper round it, binding it thet with the mat-
fler which rub over with the tallow. Then $y$ tie and bind up all the grafte to the atake, so part may droop or hang down. For a few
hand-glass might help; st any rate shade from
Earth them up to the graft sud expose them Earth themu up to the arafy rade shade from
Weather, still zeeping the grafts tied up to Weather, still keeping the grafts tied up to
all the season, and cutting of the tips of any all the season, and cuttink of the tips of any If I May make their apperance from below the
If Would be if successfully carried out, I would say pate esch imbibe something of the quality of Whe I should value most would be at may be produced on the grafted plants. grafting fail, perhaps inarching might succeed. think "S. S." (p. Il $3^{-}$) erred in one or two points in to the set than from 3 to 4 inchesest that being the been cut of as soon as the union had oughen
also the root of the other; there should have pruning of the tops except such shoots as an below the grafts, and of these only the tips
soon as they appered, just below the surface soil. Win. Burnett, Monctate, Fork. lanting the Deodar for Timber, - About 15 or 20 Timber, frown in this country, would be valuThe opinions about it were very conflioting; ot the better of the argument out, that gither some plantations, I should be much obliged for opinion, \&s more must be known about it now hethert teess 15 gears fromo. Would you also tell woll-shaped as seedlings? This are as vigorous ated pont in your paper; and as most nurserymen nportant matter. O. M. [We sent the sbove to Mr. t. of Droproore, wha kindly replies as follows:-
Deodar ahould now be planted extengiver et grower, and there cannot be any doubt about the quality of the timber. We have some fine Deodars hich are equal to the seedlifg plants : no one can see Abies Douglasii here, also raised from h lis, raised from a cutting by mysolf, is no mown much
lomer plant than the parent tree; if they atart leading shoots, I like them,
thus insigniagrowa alifornian Conifars. - For the followiare informa-
resuceting the Dis bre ard other Californion Lie Mariposa Grove, I am indebted to Mr. spent many years in Califoraia, is well ninted sith its vegetahie proluctions, and youches been suppliad by the person to whom the care of Grore in question has been entrusted:- of Wel-
tona gigantea (the big tree) there are 600 in the riposa Grove, and the largest measures between 90
100 feet in oircumference near the ground. These seed pretty abundantly, and the geeds themselves With a ready market in Son Francisco; indeed, mbertiana and contorta are abundant. of of P. amas lis the largest specimens messure from 20 to 25 feet a ciroumference, and over or near 200 feet in height. jured by worno. We have also P. grandis, and of Douglas Fir the have some fine specimens; of the lattor Of Abies Williamsoni, the largest trees are 8 feet in diametar, and nearly 100 feet in hoight. ameter, and 200 feet in height. The largest trees of inus Jetireyi measure from 4 to 5 feat in dimmeter, foot in diamater, and sion feet ponderosi is heipht. $P$. Lam3 cones measure from 15 to 22 inches in length. ut 8 feet in diameter, and fromn 25 to 100 foet feat in diameter, and 100 feet in height. The
of this troo are very small

 rows h gh up on the mountianing, has a rather smooth
int-coloured bark, is s-leaved, and measures from
io 3 feet in diamer meter, and about 6 inchea in length. Of many of phe in Mr. Olrnsted's these trees I have seen photoarance bears out what has juat been sorid, raspecting too much cau scarcely be saidg indeed its amerite kinds aniversally appreciated, and motso favourites in this connery, in , however, they seed but spes in rimply. In Californis with cultivators Wishing to possess seede of native
growth. Joseph Novoton, 74, Oxford Terrace, Hydo

## Salishoria adiantifolis.-There is a handsome speol-

 men of the Matden-hair Tree in Mr. Caldwell'snurseries at K Mutsford, Fhich, though ot mo large as elther of the plants previously, mentioned, is, neverthe20 feet high, sud proportionately large, With its
beautiful pyramidal form, it well deserves the descrip-
tıon given by Mr. Paul of the one at Panshanger. Old
Croton elegans.-In this very popular cless of foliage plavas, Croton elegasas seems to bo but Jittle cannot call to miad ever seoing but one specimen, independently of my own, placod on the exhibition uable. I have a pyramid upwards of 61 feet high,
beautifully coloured; indeod I consider it one of the handsomest of the high-ooloured varieties I have seen -I do not include Mr. Veitch's latest introduotions, for it is impossible to form a correot opinion of these from improve in colour. Croton elegas is smaller in the frco in its growih, Allhough generally speaking, managenent to grow them well, and a good deal of skill
to colour them properly. I have goen lare specimens very indifferently coloured and some parfectly green plenty of light is essential to the development of varieRetion, and they should never be shaded unless the sun is very powerful; even then if they could enjoy a froe
circulation of air around them, they would be better Fithout bhade. Too frequent pottings end imperfect drainape will slso prevent them coloninge well. I have two immense plants, upwards of 7 feot high, viz, C .
variegatum and C . angustifolium, that look fike pillara of gold; the latter, with its beautiful drooping leaves, may juatly be styled the golden fonntain plant, These plante are fully exposed to the light and receive one that has seen them, in consequence of their high colouring. I have forwarded a branch of C . elegans for your inspection; I have also sent some of its foliage, as Benneft, Osberton. [The specimeas sent were magnulicent examples. Eps.]
the way in which Mr. Lees (p. 1158) pariog a suitable habitat for the Fungus which forms "fairy rings," is ingenious, but fault, How witl he they are most presence of airy rings in Ireland, where exist? In the case of the rings, which have a oircular
ontline, I am inalined to think the appearance is
radiatod, till at length the fructification agpears sho
 ahout 3 yards in diameter, formed of the common
Mushrom, on a lawn which was kept regularly cut

## With a mechine, W. $H . F$

Pernisia Hame for Potato, 1 see from your editorial note that your contermporary, the "Revue Horticole," says that "Papas" ia good Peruvian for all Spanish Americans, including Poruvians. Thero is no Peruvian languaze properly so called. The Court language of ancient Perru (still spoken over a great part of the Addes of South Anerica) was the Quichua, but of the tribes of the coast (the native country of the Potatol the exculent was called "Ascu," at least so says Tschudi, who gave much thought to the subjeot. Curious部 enotugh, though there was no name for Which is "Cumar;" and, still more curious, this is the game by Which this Convoivalaces is known
throughout the South Sea Ishands, far even as Fill.

Juaging Melons at Eainburgh. - We often hear it said that there is nothing new uader the oun; but it found out the last now thing in Melon judging Whatever was new in the means adopted by the judpes to find out the merits of the Melons in question, they (the judges) are not entitled to the prase if the method
Has a suocess, ; neither are they deserviug of consure if
to cut the Melons. "J. O". does not say that the
judges were manuocessul in their eforts to carry out
 one of the judges and, I doubt not, Will be equally so
to Mr. Speed, olchastoworth, and Mr. Westeott, of Raby,
who, like myself, were engaged in oarrying out the who, like myself, were engaged in carrying out the
new plan. And it is not quite clear to me but thit
very much may be said in ite favour ; it is sight had smell rersus taste-two seases to one; and it is two to
one the taste is more likely to be vitiated either by the moraing dram or pipe, or from the extra glass of
toddy indulged in over-migtitat great shows like the one in Edioburgh. It was rather a singular circumstance, and in favour of my argument, that both the
1st prizes for Melons were assar lid to the same Rrower, and he from the sunny sonth "J O" las mentinned We better both for exhibitors and judges if reporters would give the particulars of such exhibations with less they take, and ofter their report is second-band. It is, to say the least of it, lll-judged to condemn the

Who try tho the best of their ahility to do justure. Golden Champion and White Luay Downts Grepes. -I availed myself of a reoent visit to Edinburth to former can be Been growing under various circane
stanoes, but always with the mont rahuat growth and
vizorous developmant
 Mamburgh, Museat of Alerandria White : Tokchy, and in ewneh instance the growth is all that could b,
desired So vigorot the ytocks to so vigorous is it, that it actusily causen the other Grape. It has another valuablo olbapacteriatio though the berries are covered with rich bloom, this fully ripe the bloom appears to be even more tenarious good traveller. I es.w the new White Lady Dorse ${ }^{\prime}$ both on its own roots and worked on the Black Hamburgh; on its own roots it Was the most vigorous grower, though there was no room to
find fault with ith develonment on the Bleck Hamburgh; bus the fifvour appeared best in the Grapes taken from the Vine on its own roots, - there
certainly did seem to be smack of the Musort flavour About them. The Fruit Committee will soon have na
opportunity of testiog the value of the $G r a p e$ for themselves, as Mr. Thomson intends en ling come bunches that a similar obarge to that broughe against the Golden Champion, namely, deltricy of constitution canes I sam looked as atout and healliny mat could be Vesired. R. D.
anda corrled and Rogiera gratievima-Biooming Dackeith of these two plants are now to bo seen at grand Orchid : the plant is atint 28 inample in oigh the foliaze good, though not so well furnished as in the case of Lord Londesborough's largest plant. It has wou spikes of flowers: one has'23 expsnded llowers and making, luclusive of the buds, 53 fors and four buds, striking objeat just now in the Orchid-house at Dalkeith. The Rogiere is, under the conditions by which winter-blooming plant It has bold trusees of dop blush-ooloured flowere, not unlike those of the Laurustinus in appearanoes and these are freely producod. Mr. Thomson states that it remains in bloom for a long plane fry larke towas. $R D$. This following are the

 ference of the stem, at 3 feet from the ground, if feet
 in the pevere winter of $8888-67$ whior dure, not even large speoimens of the Pinus insignis, and damaged so many evergreen shrubs. It measures now 26 feet 2 inches in height, and makes yearly growth of about
Protecting Fruit Trees.- Mr. D. T. Fish has fully illustrated the great want of some efficient menas of protection for our wall fruitz As most of our ordiand appliances have failed it is timo to look about us addition to other ands. I have fisund old herring nets most valuable protectors; and as these can be had from the ravages of birde, no garden should be without a good supply for the double purpose. We have some strong wires, strained from the top of the trall just under the coping to some small Oak posts, standiag from the wall. On these we strain a double net, and as the meshes cross each uther, with the not supadmisale screen sgainst palkin hail, snow, and rain which are generally more fatal to the tender blossoms thancold winds oractual frost. It wasper fectly deli 1 htfu ${ }^{\prime}$ atanding behind the nets placed in this way during lest
season, to gee the wey they repelled the hesvy storms
 doubt not but in the long run glass will' be found the ts soon as the orop is sife. Sur J. Paxton's patant laghte appear to me to be by fan tho most suitable for
this double purpose, nas they are so thoroughly portable
aheap, snd durable. They to place with the greatest factlity-in fact, just as a great saving of time and risk in removal over such them. The system of rentilation, too, is of the most perfect kind, as every lear is kept in motion, and as sashes in use bero as a Peach-mo of the It-feet good-looking house 61 feet by 11 feet 6 inches, thioseh which have just run a dow end return pipe, that the past. The trees in this hotsce have again basring woon, sud are of the most perfect lind
Sheppard, Woolverstone Part
besring woon, sind are of the
Sheppard, Woolverstone Park.

## Foreign Correspondence.

Chatrat Park, New York.-The accompanying representation from one of your former volumes (p. 456 1858) will give your readers a good idee of the ghe plan have beon somewhat aitered in transferring thera to the ground. It wrill be seen that it is rectangular in form, a description of outline whioh essociates best with outsido buildings, especially with of straight streets, themselves boing agan inter of sted or abraight together with the numbering of the streets, certainly together with the nurabering of the streets, certanly has the advantage of enabling surangers to and any particular locality with greater facis.
The outlines of the park being straight, it may be imagined that the interior of it, near the boundary, has a formal appearance: but, owing to both natural and artifioial undulations of the ground logetner with skilful planting, such is not the case, Indeed, a person
may often be within a few yards of the retaining wall may often be within a few yards of the retaining wall
without knowing he is near its, so well has it been ooncealed fron fiew, nha when aurounding buildings will be imperceptible
One point porthy of remark in reference to American parks is that aill work done in connection with them is done Frell, the garden architects having the full control mot only of onerations within the park, but also of those inconnection with the new streets and avenues in its vicinity-the whole of which belongs to the Park Commissioners, who receive annually an improved rental from euch property, which they buy up, and take care to keep in good condition. All unsightly objects are thus removed from the bounderies of Amerioan parks, which become interesting centres to wealthy neighbourhoods.
Nor is the garden architect bound down, as with us, to a certain contract. An approximate estimate is, as matler of collrse, made in the first instance for the guiderwards that more money is absolutely needed, it is obtianed. Not 30 with us in London, except in the

While the plantations are young, but whioh will bocome apparent whan they have become full grown. If ing can or easily relieved by means of judicious thinning "Plant thickly," say nurserymen; "but thin in time that being the proper Way of securing good woodsad I have often to ect differently on the score of economy
The island on which New York, properly so called, is
placed, containg about 30 square miles. The park to Which I have been advertugg occupies its centre, all the value of land in its vioinity has risen from cornparatively nothing to sorme 30,000 dollars per block of 000 by 2 a feet; and so satisthed are the 1 mericans woripthe benefits of town improvements of this description, that no fewer than 22 parks and opgn spaces varying from one to 843 sores, belong to Now York alone. Need I state, therefore, that in few cities has the march of improvement been carried on that greater York. Josspin Newotom.

## Societies


 Preajigent In the chair. After the minntas of tho Iasit meeting had been read, the Presldent dellvered the hnuegural are called upon to asasist in eedeavouring to ascortalio oxnctly the infinence which vegetatinn has, or rather the influonce xhich words exert, on the liealth of the country, both directly and most impectiy, through and most interesting brauch of arboricultural scoterice, and one which is yet complotely in to fifance. The attention of sclentific men has only lately been aroused to the Pact, that trees mondy very matorially both the olimate and
the rainfall of a country; and in order to ascertain the preciae the rainfall of a country; and in order to ascertain the procias
nature and extent of the infuence they oxercise, very rinute nature snd extent of tie induance they oxercise, very minute
ind carroful observations, and a scries of mistrations in
in and careful observations, and a scries or registrawons be mmmedate provinoe ar a society, mat we must uot Alifk it, Lut mugt each one carefully, and conscientiously, do the portion of
it whicl falls to his hand to do; and by all labouring together, an immeense amount of light may be thirown on this important question, which may be usefll to the more purely sciontific
minds and atsoclations; and should wo, in our hurable in-


## 7ПППППП7. 177717।

case of Goverameat works. Let us gee how the matter etsinds in reference to Finsbury Park, which the surden architect asserted would take somo 9000 l , to exenute
properly. For this nork tenders were invited from properly. For this nork tenders were invited from contractors, the range of whose estimates varied from 45002 . to $12,500 l_{\text {- }}$ the cheanest man getting the work to do; but, as might hase been expected, he "broke down." Under such eonditions how could the arehitect's plan be satisfactorily earried out? But, as I have said, they do things better in America.
Hion of its aresround!ngs of a park inder the direction of its architect is a great adrantare, too, in the Way of economy, for in preparing the plan for the park of its streets and avenues are all set ont, and the foun dations of the residences excevated; if therefore additional soil is wanterl in the park for for therefore cealment or for mounds, the quantity at commany canbe ouloulated to monnats, the quautity at command can can be derived accurately deternmined. From what has been statel about
roundings, it may be thought that Amerienoved surmade chielly for the benefit of the rich but that is not tho onge. They are intended to furash hesithfat is not toon yor theyoor as intellas the to furpish healthful recreaThist of in the midsa good use of trem ; oung and thouge milions of diverbe origin, the parke regulations are ts no wilingly be clasicdamong the ungedmonter is found absence ni the eye of anticrivy, in wolatiag some minos
 all, seem to ftelikat, while s largesmount of moner ha been spent in its formation, a park has boen produced Which, for the extent of its area, the taste oen produced Deauty of its adormment stamds unrivaled and there fore, the interest in maintaining it unblemished is all but aniversal. Of i 155,60 p persons who visited this park in one year, but, 135 arresta were mado for demesnour bein regulations, the most frequent misThe win being fast driving.
moroes the park so as to public roads have been carried of all praise, sad indeed, against the traflie, is worthy the plan in seneral I have little to say; the treatment desired Tatar drives, walks, and rides, is all that ean bo desired. The only thing with which 18 all that can be posed to find farult is the planting of would be cispinion there is a little too ruon. pot a proant

 the patiss an I Erroulule abundanco of its harvesta, the nownmin it


 out of the mere routine of petty drudgery, into the whlling co oneration in the great bittle of knossherg ggainst ignoranco open up and enlarge, and we shall fima an intongifed fatarest
 hippy to y aj, fircing itwelt ujfs jublic attoonton; ancl the
 Unfortunately, is furmer yearsifforn ighorsance of clinfatio and aspietuc l3ws, w Lach are now ackilupledach, foreatry was re-



 hail the faintert fden how trandble worg the (ffecty, ofer wide



 at an that conservation of the forest has beou recomiseri
 Heience of Fratice uni Germany," Now, gentlemen, with
 humanle, and degerverly so, but I an prond to s,yy that in are equally famaous in this department any schont of forestry, ts qualifiations, in fact the concluent. And one of the do becesmary
 to carry to the Est the science of Frage anau Giornutay, is, have stindied

## Gernany prectionsit

 Liavo been chosen been found miny metiontifin forenters, wit Indian Empire; and at tioc present moment furth to wur mistotitem two ; youd at the present moment, if if om un cultural Eociety-
cantied the name at our Society to the



Notices of 3300n5.




 dirersff the ur mis
 dramatio Nersono in thant charraing lititle tale , but we


 ill soesons. The study requires no elaborato apparatus: collecting; ; it requires but little previous speopal knowledpe, and only an average amount of observing powers and of commion sense.
Upheavals and depreassions thore may have been in
former epochs, and stull are to a linited extent in this


 nere ta a briok conflio of opinion. Rain and
rivers, glaciers and ineherga, cataracta and epas

 more of these agencies to the exclusian of the
Por have all contributed their hare to the not enter wio these ponnts, but we may rumprk
the guthor's opinion, which he sugtsins 1 ly matiy forcible illustration and cogent argument is that the Sags been the main cause of denudation, the prinpal inducing apent of those rariations in the acourery woich crihance the pleagure of traveling, and furnish Mre well chosen, though no woodcut can rival a goo 1 pothograph in would have maprese the book more complete and the author alluded to the diversities in the Fried cle ratione vegeotation corresponding to the eosure, soil, doo., of the
 moreover a matter which any fature observer can \& Work out for himeolf with the assistanoe of Watson's Plance," by the same "Geoge athor.

Two ners journal, have recently put in a frrst 2pearance. The firit, scleped the fcrifomy (Murray he zepond, enstitled Nature (Memillan), is deroted Both ournais are, uxhered io with man imposing array of If from a first number, justifiesy its titar is varied, and, as is natural under such unequal Tta speond number is to our therue opportunsties of adrerting to the contente or the pre

## cbe apiary.

Gifisu litwo - Will you kindly inform me what 13 cen at trork, and from which the honey can most
 Wheritr itat in the wanazement of beee, and price


 roting metium, whendering it an excelient notionn-

##  Holl, who will furmish you with particulsers at wo cost A. The hive otherw is is on ordinery beehive, en 

I rookrd at iny hivea to-day (uctoper 81 , to nee in What oondition the bees are, and am glad to Rive s good
report of them: they wers all living and merry; but, gtrunge th ay,
all. lisn te
finely, and non
say, the Egy

## 


 II may be remernbered that thas stork was orsmanalty a condemned lot of boes, driven from a cottafer's
oommon hive situsted at oonglerable diatance from common hive situsted at a considerable distance from
the apiary in whim the pum Firptian enlnny wms i fi Acooring to tho Roporasiy reooved notions, the
dr.ur ought to bo of the same colour as the mother, thit 1s, biack. Is it possiblo that the boe might have
beon siray sparm from Mr. Fox's apiary P]

## Garden Memoranda.

## MR. SALTRR'S NC゙R\&FRY, Jaymeramith, -

 isit to Mr. Salters in the anstimin scason 14 almost one of the necesstites of life to those who look affec-tionately on Chrysanthemums ; and wo can assure all auch persons that, as in former sears, such a visit will gratify them now, and oreate a yeurning for some of the novelties to be ofered for their home delectation hereafter. By the time these potes ara in our readers' hands the general display will be reaching its best, and that pisit should not be long delayed. A sozond Fisit will be necossary some three weeks or a month later, to take in many of the new flowers of the apanese breed.
the noveltios seem this year to run vary mutch on acquisitions to these grotesque formeme very decided acquisilions to these grotesque forma-forms admirable not at all modelled after the fiorist's standard -have leen obtcined.
being of noted aspeoially the following as Aurora, a beautiful fisme-orange, with darker centre fine end fall; The Sultan, wery showy light rosy purple: Chang, a very large buff; Mandarin, a clear
yelfow-all these heve broad, fat, ribbon-like florats, yellow-all these heve broad, fat, ribbon-like florats
forming orocedingly esturesque objects, Limperor of
Ohins is of o mplid.s componnd of roay buff whioh deoly the common Hifliar auckle; Ficeroy nf Eigyt has the outer surfare of the torats white the inner face of s bripht roce-purnle sud as the florets in both this and the former are quilled at the base and opened out flat of the tip, both colours are brought at once into view, with excollent effoot. In thpse t wo sorts, the fermenos thanmtor r ow repreaenting the ray, are wholy yuilid, while all the numer nipa bolonging to the dige are spist ofyen and ingtened ont Giant has very lerge $[f$ rwer-heads, made upper ond atraight slender quilled loretis, of a roay hlac colour same type, forming hreat bunched of quilled florets, shmeli open forming hreat buschea of quange to pale canary-zellow in the centre, and take on a butf tint to dards the cirmum. ference. Negro, the only other Jepanese notelty wo found eufliciently doveloped, is one of thove with narrow wisted florets in the wey of Comet; this opens quite doep maroon, which as the towers perfect themsalves changes to a dark rich maroon-red.
Amongat the novelties of the Chinese breed, oocur snme very pleering nowern, rovemosk we muat plece Duke of Edinburgh, a large incurved sort with abundant materisk, andos a handsome rosy lisc comotir pader towands the arows. Miss Hopa is s medium-
suzed rosy lilag, with a very high snd paler-ooloured suzed rosy lilao, with a very hish and paler-oolourod sort, will be an excellent conservatory plant, 鼠d has dense high flowers, with stiff Mattich forets, of mipure
white. Mrs, Wreford Major is somewhat similar ın
style, with close moderate-sized flower-heads made up
 nrettlest flowers, howaver, was Ondme, which, though dattish in the florets and moderate in mize, bad weil the centre, each foret boiag jost turned up ot the end
sufficient to show a small purple tip, the effect of whioh sufficient to show a srall purple tip, the effect of whioh altogether this may be noted as 3 very nest and pretty
variety, Finally, Princess Louise, a large Anemonelowered sort, of a delicate roay lular, with full centre, best of th.s aroup.

 If ort from the frezoing, of a defy polden jellow, I ady IAarding, delirate rose-punk, rers fone i) siann,
romarkably bold rosy puryle, Prince of Wales large dark binet-hurge, thin oack red, the back of the ilorete
alco red; and Fingl, hareg doop rom violoh paler on the yellow of the forola , Aurom mululion, pale clear yelow; rony liles, white-oontred sporl frumuliorm a

 elcane dirls purples; Compactum, silvory: Purburaz
Mira. Huffington, blush white tipped Fuh purple those all produce close highi-built flower-heade with


 as is Comet, braght oramee gellom, whth rad centre: Metcor, yellow tanged with oranize, and leero of Mardala, Indian-red with bollow conatre, and the backe of the twiatod forcls yellow.
The whole oollection, owing doubtless to the fine autumn wather, tas cren a hrishlar appearanea than
 hands; who, however ho may rook to tompt hiv viritora
loy tho novelty and hisk quality of the varieties he puts liefore them, does not "overgrow" them, or subject them to the "milhnery" process, whioh it is stid grias for
many floral subjects their high bonours. We under
 emplojod has bens mate rese of, the halk being road scrapings, and that in the process of poiting tho soil

Mr, A. Pobsyth, Brunewicat Norgery, Stonk NEWINOTON, has, an usual, an excellent display, Has fillod with to produce fine show blooms, and the outside stages effectively and tastefully arrangod with woillgrown and dowered specimeas of the large-flowering lorsy tls erows fur . Thithe apecimens which air.
 Of the nower kinde of Chry santhemum sent out this Bionido lic nuty, white, jeli atrly strij la and tipperl With pale roso: the florets are brosd and finely incurved, arequisition doserving of a place in all good colleotions pink colour, lerge, with broad incurved foreth. Mr. beautifully incurved, dwarf in habit, and free-flowering, is woll adapted eithor for growing as specimen plants
if fooms for exhbition. Mr, George Haskin
 incurved fover. The above were raised and selected by Mr. Morgan. of Pismonth. who has thus made a nower kinds sent out 14 lam, sall 1 mot uct sulfi fenily known, are Princens Thetricet, rms innk, slion 5 , finely peanh. With fant'y striped fiorets nnar the centre, and teaulifinl) incurven Gisemsey Jugket, Fery fine; telt riakish rose, with the unider sude of tho lorets of a brigith shrery lans. Princess of Captivaluon, creaus, shauld wali carmane fine. and Lord Dorby, a very dark purple fowor, finely incurved, and of filar delicate pink. Cherab goline amber: I sabelia Bott, Dearl white, tintod rosy jilacEmpress Eugénio, ross lalac, very fime, Empress of Indin, very larke, white, Alma, fine, Jingal, very larige and grand in form; Qugen of Kiglisud, tine. Mrs. G. Rundle, very fine, I'riace of W'ales, victet-purple, a pleasing if wer, Novelty, blunh white, good, Priacess General Slade, Goria Mundi, ami Gulien Bererley, all Howing sdmirable blooms, The abore, with Lady Herdine delicete rose; Golden Christine; Purpures

 sented, the most striking being Jady MI reparet
fine white: Nargarg of fine white: Margaret of Nechat moldanved; and Prince of Anemones,
fomer with a high centre, The Jopaneme rinds
are here, as at Mr. Salter's, recoiving oonsiderable
attention, and are wall reprecanted in Red Drabon, im
in
in dou
the
the the rentra is close and compant, and around it is a
singlo aproas


 the zardens They are thas siar lut, " thmangs in The best flowera of the larkatinmarine hinds in Nre. ns lormeriz) wera C'l.erub, golata -amber, finoly imansute

White Globe, very fine, Mrs. G. Ruudle white, large, tine form, very good; Golden Beverley, bright yellow, yery fine $\theta_{\text {; }}$ Little Garry, bright golden-amber, a flse Indian-red, tipped with yollow, distinct and good; Dr Sharpe, warenta, fine in colour; Golden Earle, Priace Jardin des Plantes, good, Prince Alfred, rosy crimson, a grand hower; and Prometheus. Rueral Slade, Her good flowers of Mrs. G. Rundle, General shand centre, fine; White Globe, Prince Alred, Lady fourd, pale rosy hlac; Golden Hermine, far ;
Beverley, Little Harry, Faust, Nil Desperandum, rosy Beverley, Little Harry, Faust, Plantes, bronzy orange, yellow centre, very fine Prince of Wales, Alfred Salter, Prince of Abemones Lord Palmerston, Sir Stafiord Carey, fine: Progoe, Edwin Landseer, and Captıyation, ine and very showy Mr. Dale has not so many planted-out in beds this year, which is somewhat to be regretted, seeng the year, whest that is taken in this fine autumn border-
intomer and the great number of visitors that are attracted by such fine displays. Two large beds of Pompon rarieties, consisting of Cedo Nulli and its ing the strong win ls.

## Miscellaneous.

Panama Hats.-The leaves 'Carludovica sp.] are folded in vernation exactly like a fan, each segment 80 lerers. It is only these youns, unexpanded leaves that are used in weaving hats. With a small twopronged fork or with two needles stack into the and of a stick, the whole 80 lasers are spit, up at
once into life strips, leaving out the mudribs, which once into lien strips, leaving out away, while the strips reman hanging from the top of the petiole, broom
fashion. They are wext boiled until they become fashion. They are bext boiled until they become White, and, having been chrefun to dry. They curl in at the edges in drying, but do not twist in the least, so that from being one-inth or one-rourth of an inch or less when dry, and are nearly terete, but get flattened in weaving. For the finest hats, only a single narrow strip is takea from the margin of each segment, leaving a great breadith to be thrown away with the midribs ; such strips dry to no mare thant 1 - thtil or
$1-30 \mathrm{th}$ of an inch broad. $R$. Spruce, in "Journal of the 1-30th of an inch
Linnear Saciety.

Tho International Land and Labour Agency latels established at Burinungham, England, has aa zathetical as well as a practical side, and proposes to undertake a natural, mechanical and literary, as well as of lands and bliour. Bouks, copnrizhts, woney; flower "so that Eughsh horticulturists wny utroduce into their orchards the Baldwin, Suek-na-Further, GreenOrange, Ribston pupin and others," aro amone the objects of tts care. It will also endeavour "to promote sn interchange of the song-birds of the two countries, their hest songs in England, and the English robing lark, thrush and linget sing theirs in America: 50 that the same sweet musicians of the heavenly city may be common to both nations, to give morning and eveniog tongue to the symphonses of the jerpetual peace and tongue the symptionses of the perpetual peace and the English-speaking race." Anglo-Anerican Times.
charỳen Gperations.
(Fior the enswing soeek.)
plant houses.
WE must now turn our whole attention towards
 posaible with flowerjgg plants. Chrysanthemums,
which are so universally grown, will now aford some onaistance in attaning this end, the ndividual blooms at the base are kept carefully pinched back, and
moderato waterings with guanowater of reasonable
Itranght be given. The latier will be found far prefer.
 of the food supplise. Salvia splondere, whioh in the
hands of Rood growers is one of the gayent of out
autumn-blooming plants, will afford a striking contras to the above, and should be hept in the full light in a Warm houne, with air freely moving around Madame Cornelse especially the yartety named Preelg in a cool bouse till Christmas, Epacres, eariy flowering Coromias, Lonal and other Pelargomums datter, will all tend to make a display. To keep these latter, and, indeed, most other free-blooming subject in perfection at this du!l period, it will be necestary to pay particular attention to keeping the internal air in the houses as free as posibible from flowers to fog off almost in a sinple trusses of showy lat Wreek more especially to thits matter, therefore I need not here enter joto details. A intle air should be given at the apex, if possible, of all cool houses during mold wenther, sud the same will be aecossary even if slight frosts oocur, and it becornes really necossary to afford artificinl heat, however litioe. This will tenut to neatralise the effeots of damp. Look repularly over show as mptoms of eariy decas. Nothug but healtiny
thriving foliage should be permitted to exist in such for the regular forcing of winter-forced plants generaily, 0 which subject I hope to refer more fully at an eary date. In the meantune continue to introd knowa to be succession, choostug such sort of culture.

## FORCING HOUSES.

Do not delay the negessary renovation of $\tan$ or ther beds contained in Pine-pits or other places which are aro the shapp weather of winter, aud to aid dues or pipes which may not be quite porrerful enough to give a full amount of heat at such a time. In a be sueh instances the tan, or heating materias, there are larger bodies of tan, and less dependence must be placed upon to assist the heatiog medium. Choose a calm fune day, sach as sometmesk this operation Kidep all glass connceted with $P_{12}$ nes scrupulously clean at thas tine, that not a ray of light may be lost. Io conrection witmuct be mantanced, so that no preat decresse of heat takes place should severe weathe ocour. In regard to artificial henting materials upo outside borders of early Forcea faries, see that the heat does not fluctuate very materially, but maintan it as uniform as possible; about $80^{\circ}$ should be the highest amount permitted under any circumstances thus early in the season, as nearly enough heat stil the aid of such surface coverings, without any assistance being needed. The necessity of protection agains superficial rains I have so frequently urged in regard to all vineries. that it is scarccly necessary to revert to the subject. Where this has been thus far delayed, let it be attended to forthwith. Early-foreed vineries must be kept constantly damped down; a moderate amount of fresh air should be given daily, and where, in the case of roomy vineries, the apex of the caney can be much the better Before I this maltor will be necessary for some to stast their first $P_{\text {efich }}$ and $Y$ Yectarine-houses. This must be done first Pearch and fectarine-houses. This must be done pleted Start coutiously only giping a little air closing up early in the afternoon, and sloghtly damping them over for the first week or so, when more heat and moisture will bo necessary. Gire as much air as possible to Cucumbers, and, what is of some importance. do not crop too heavily for a few wecks.

## hardy flower garden

I suggest the propricty at this time of sligatly, uprooting such plants as Weizelas, Lalacs, Sy ringas, in the open border, and which are antended for foroing. If thia be done, it will not only prepare the roots for tho latter proecsa, but, by checking the plants, will matcrinly tend to make them blom mane frecty. It
 soll, must nevertheless not bo exposed to the outer elements. Let suffisient litter be procured within which to pluage the pots of such thangas the above, as a protection agaitsis frosts, and within whelh the roots may lie by until required. This adrice, I scarcely need add, applies only to those places where such an amount of room does not exist as to enable them to be stored into more comfurtable quarters. The above remark also apphes to pot, Roses, whte should receive
such attention at onec. Brine to a closo all operations connected with planting spring-flowering plants into beds. The Golden Feather Pyicelhrum, if taken up, the old flowering shoots removed, and replanted into noticed a neat piece of work arnund the Round Tower of Windsor Castle last wrek. Stars were planted into round and oval beds of Wallfowers as centres, the intervening spaces being filled in with a variety of subjects, such as Arabis of the best purple varieties, subjects, surh as Arabis of the hest purple varieties, verias should have those which may still remain out verias should ha
hardy freit gardey
Immediately tho main part of the leaves are off Peach and Yectarine treus, set about lonvening all the
leaser fluwering brauchlets from the wail. Be careful in su doing not to let any dankle about them in sucha a
manouer as that injury can posibly acorue to thern dhrong the notion of violent wind storms, whether by
through brenting them, or by producing wounds such wounds, however slight, often wall themselves its gum formation, which 15 often very injurious 1 a be shafequences. Any kind of Frut trees may now be suifted or transplanted with impunty, where altera tions on hand demand tho operation thus early.

## kitchen garden.

Those who followed my suggestions regarding plant ing. Cabbages intended for spring use upon the old he plod, without first digging it over, will do wellthemsolves for th now fairly taken hold and established soll with a spade, and thus to bury those weeds which have spruag und tately, and to leave all fresh and nice amongat the plants. In greatly exposed gardens, and especialy where the soil as a rery moist or retentive Broccolh. This may he done by using the main crop of Broccol. This may be done by using the spade neatly, fall vicely on to the ground, with its head to plant may In pushing forward the work of digging, trenching so soma amount of care will be neoded in segard to the crops which are best adapted to follow in the spring
certain quarters this autumn. I hope fom tin
time to refer to this subjeot: suffice it for the pin state that the best crops to succeed such as Poas,
Beet, or Onions, whll be Broad and D rarf Bean Beet, or Onions, will be Broad and D warf Bean, The ground will therefore require good collith digging for either of these, and if at all
nature, it should be ridged for all but the first

## town gardening.

I CONsider the Chrysanthemum the yery bean or town gardens, as it produces fine foliage drian Therefore I must bea to be exrused for io the till plant arain. Both the large-flowered and the Ro varieties are of easy culture; therefore I som intending cultivators that now is the time tha selections of vare many spienddd flowera to hat grown under glass, wheh are of no use for gronion of-doors. I therefore think it would not bo of those which do well without protectio now bo seen in full flower in the Templo 6 be taken off as fast as they appe puted They should be tinter sand Those flowers best adapted for growing in the Without protection are - 1 hites Beveriey Queen of the Isles, and Vesta. Yellous, $A^{2}-1 /$ Aurea multiflora, Chevater Dunaza, be it Nugget, Teniple of, Colomison and Goldan ${ }^{2}$ Angget, Tenple of Dosperandum, Cardinal Tis Antoner Cromwell, Sir Stalford Caray, is Julia Lagravere, and Dr. Sharpe Pemel ál Ariadne. Christine, Queen of Engiand, Pramell Alfred Salter, Piot, and kinds the foilowing are hardy and facin White. Cedo Nulli, Misa Talfourd, Model Marthe, and Rrevenna. Yéllore Drin Din Duruflet, Ranuncula, Salamon, and Adooid Autumna, La Lilsputienne, $130 b$, Mustaphat Pepin, Doctor liosduval, Aurora Borenieg and Gerald. $J . D$.




## Notices to Correspondents



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FLOWFRIVG BCLBS and PLANTS, for Sbrubberics Jayes carter axd CH S Cullection of Plasts
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THICULOR GERANILMs, to be diatributed in the Spridg al Tr ef or Gerantums

Cliverlen Bodding Piants
Now fardy Clomatls Now Rardy Clemats
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NOW Colells ORNAMMETIS ORNAMENTAL F I I. MEANY PROLIFIC RASPBFHRY

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## Nouce to Debtors ana Credleart

ILLIIM HEALE Deceased, All Pernong haviog
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## EARLY SANDRINGHAM KIDNEY POTATO.

## THE EARLIEST, MOST PROLIFIC, <br> and best tablety for fobcing pubroses in cultivation

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 Iteros to ether of these varieties, It forces better thnn any variety I know, and has a splendid colour."

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Extra large Trees for Ornamental Planting WM. WOOD ANJS SON have to offer a maguificent Scamores, : to 8 feet Iorsö Chesthu

 Addres-Wooclands Nurwers, Yarewield, Uokitold, Surnos. Planting season.-Waiton Nursery, Liverpool.



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 WANTED, 8 tandard CHERBIRS and PLUMG, well op

BEAUTIFUL SIRING FLOWERB

ROCKKK8, doublat White mot Purplo, 68 . per dez 120 . per doz,





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Walf tho number for halc the amnunt

PO Urders on Cusio Ileatizhall. A CATA WOUE of Choic

altogether (old sandbanks on whioh no alluvial clay Was deposited). There are six farms, and on each
14
work-horses, with one old one for extra use, making 14. Work-horses, with one old one for extra use, making 90; besides about 20 young horses, as we rear them
ourselves During part of the year 18 pairs, or 38 hired ourselves. During part of the eear 18 pairs, or 38 hired horses, are alan employer, There are on each farm five plouglimen, young and unmarried men; they live
with the ballifi, an at, besides their food and board the first plou, inman, 121, ; the second, $9 l$, $68.8 d$. . the
 March to December. Generally the horse-work goes on tili the middle of IPecember. Puring winter, till March or till the end of February, there is nothing to do, but some oartying of straws, of corn, and such like. Besides ine five ploughaeu living on hae farm, tere are during nine months or lass two labourers for the remsining two teams. In winter two or three ploughmen remain on each farm, for taking gare of horses and catho. For this they get 80rers (not hired ploughmen) pet 8s. 4d in the week Isbourars (not hired ploughmen) ket 88. 4... In the week, and nothing else. Boys working the horses in spring Working the horses in the winter gat 1 s 3 d Der dey The food of the horses is ss follows. B During day. two and A -balf months in winter, when they do not work, different kinds of atraw, ohiely of Beans and Ork, ${ }^{2}$ ditiorent kinds of Oate and, a lithe bit of hiy. When they begin to 11 bushels of Oats per week, for the 11 horses on each farm. In May this food is gradually stopped, an they go to pasture. In June, July, August, thl midSoptomber, they recoive during the day out Red Clover, and they are always in pasture during the night, And besides this, they reoeive on each farm in mumer 70 bushals of Beans and Oats sltogether. At mid-Soptember feeding of Carrots is beginning, and the 15 horses receive besides 25 bushels of Oats or Beans per week, ou each farm In October they do not go to pasture any longer; they pot a little hay, if possible, and the allowance of Carrots is increased to threequarters of a owt. per horse per day, and Oats the same se before. Novemberthe same as Ootober. In December The leeding of Osts and Carrots is gradually stopped and again changed for different kinds of straw. The Carrots are alwass cut or pulped, and mired with chaff of Wheat or cut straw, and giren alter Oats. Horsework is soverest in autumn, not only for ploughing but alao for carrying Madder, and roots,
O Oats per wee besides hare ond year old, I bushel When they get older, they do not clover in summer. hut go to pasture for the whole summer, and in winter they receive some cut Mangels sum hay, Cod of fori122. por horeo on an average per yerry, from 1831-1960 From 1831 to " 18 to móre Beang and Öats wers $1851-1850$ than the quantititis mentioned, ond during the lest give have talken the bast of that it is partly used as litter. Now, as to other expensas, the following accoun pives the annual averages of three deconnial peripds:Farrier and food of the men worktng the horses $s_{7} \$ 30$ Farrier aud duug
Bhoor.
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$\begin{array}{lllll}\text { Fold old horsess } \\ \text { Value, end of the year } & 211 & { }^{2} & \frac{8}{8} \\ 1162 & 18 & 4\end{array}$

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117700 $25 \quad 29$
Value of the work done by the horses...

## Profit

This profit is realised notwithstanding that for ploughing the horges are credited with only 4s. per acre; for ploughing with three horses, only 5. We. per acre; for placed to their account; for harrowing about $1 s$. $6 d$.


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## natis

duage 1 with 16 tons of manime per acre; ath, Beans, fallow, draned on some lands with ; 7th, ('lover: Sth, acre, 9th, Winter Barley, the atubbles with 30 toos Manderer, per acre, 10 th, Madder; 1 lth, Maddor; 12 th, Wheat, with Clover : 2 years old; 13 th, Peas; 11 th, Mangels, Turnips, Potatos, and Carrots, dunged ; 17 the, taird year; 13th, Heans, dunged as the fourth year pustare; 2Ist, pasture Clover and Gras seede; 20th, Of ench crop thare.
23 seres of each on each farm year 185 nores, or 88 or acres of sandy soil have the following system of cropping: $1_{1}$ Turnips; $y^{2}$, Chevalier Barley; 3, Clover; ; 1, ing varien freans are mauured. The deptio of ploushfrom 8 to from $2 t$ to 6 inches with two horses, and The weight of mith three horses.
per annum. As to the carred is about 10,000 tons situated about in the midst of therr 500 acres
manure is oarried from the steadings to the fields. Goes; the distance from there to the fields is various, but oiten four mules and more. No considerable quantity of artifioial manure is used. The weight of roots carried will be 18 to 25 tons per acre; Roots are oarried to the steading ; Madder to the village, to the kilns, for drying
Produce of Wheat ous an average, 88 bushels per acre: of winter Barley, 70 bushels per acre; of Chevalier and summer Barley, 50 bushels per acre; of Oats, 60 bushels
per acre; of Rye, 36 bushels per acre; of Beans, per arers of Rye, 36 bushels per sore; of
The horses during summer are fetohed from the pastures early in the morning. They set to work at tar-past 3 till 30 olock. Then they aro taken to the them will do little jobs from 9 to $120^{\prime}$ 'clock as horse hoeing, fetehing of mown Clover, \&c. At half-past 1 they set to work again till 6 o'dock in the ovening, when they are brought back to the pastures. In spring and autuman they begin to work at half-past 5 and continue till 10 ; or from dawn till about 11 ; in the afternoon always the same from half-past 1 till 6 o'clock, or till it is getting dark. So generally they work nine long par day as is needed. In of course they work as nothing to do, they are allowed onter, When they have run in the yards, behind the stables. They are brushed and cleaned in the forenoon
A usual day's work at ploughing will be different Light ploughing 2 aores; ploughing at 5 or 6 inches I zore; deep ploughing, 1 acre per day; ploughing of ridges, 3 acres per day. Harrowing: say 4 acter per day for good harrowing, light harrowing more per day Perhaps thess particulars of a large Continental farm," adds our correspondent, "may be interesting for English readers. Our horses do a good deal, and they are cheap for food. You will agree with me that steam

We only add at present, that certain portion
of Mr. Loward's lecture on Continental farming, whose publication has been delayed relating especially to the Sugar-Beet cultivation, to our produce of meat as compared with that of Belgium, and to the whole small-farm systom of the Continent-will be given next weck.
Probsbly wo could hardly more effectively enforce the value of a liberal profossional education to the agriculturist, on which we last week commented, than by publishing the following paseage, in which Liremic describes the experimental farms at Hohenheim. It is translated from the eighth volume of the International Jury Reports (Paris, 1867), pp. 221-3:-
"The history of the farming at fiohonhoim is marticularly worthy of attention. Up to 1861 the dintector pharel at tho head of the admmistration were what people call 'practical mern that is to say, the management of the furm was entrusted to agriculturisks who knew indeod how to work the soil with profit, meaning by this Ford the rent or the money got out of the earth without reference to the condition in which the earth has been put by this so-called profitable farming. One of the distinctive characteristics of these practical men was to ignore and disallow the doctrines of science; thoy considered it superfluous to study, in their applications to agriculture, the nutritive principles of plants, and the sources whence thoy are derived. They did not believe it necessary to know why we are obliged to manure our tields, nor if what manure really consists. Tho momentary successes of such mon are often conspicuous enough, and provoke for a timo the admiration of other farmerg of tho samo culibre, who, moreover, ardently adopt ther plans. IJut lot a few ears go by, their brilliant achiovements ose thoir brilliancy; proople no longor speak as horetofore of their abundant harvest; silence rich fielde, to what has become of these At Hohenhaim somplete accounts are kept of the give no uncertain image of of successive jears which the soil is reducerl. the condition to rulos adonted in reduced. According to the it was mectir management of this farm, should be found perpetually in the soil, which should have been incxhaustiblo. According to these principles, success should solely depend upon the skill and dexterity of man, and consequontly it was regarded as useless to employ
manures drawn from other "The Hohenheim other gources.
lands largo suphim managera drew from their pensate the soil by [importod] manure to comsoon appeared, and in an alarming manner, that heir skill, so highly prised, had lost its power rich these fielde. So long as the soil remained rich it reciprocated the care bestowed upon it, Fain. The directors imaginad aphat it wes Nature that had changed; that climat it was Nature
before so favourable, had becosels
hostile to their efforts, they thought that formyam crope, and that thay ouly mactol
in crider to obtain better hat in urier to obtain better hament, farmyaud manure, which the area
 manure, and yot obtanned fro of land under cultivation 20 per than in the years 180. produco, tho ficld- of Hohapheo $1 \Psi 21$ aud 1 stio, $10 \%, 000 \mathrm{lb}$. nf phe which hat not boen restored. In ossontial to the production of The conspicuous in tho duminuton To keep the harvests constanth of Hohouheim 396,000 lb . of b working of the Hohenherm lands a model of excelience and rom imitation, has proved pory cleo nutritive principles are cariad of no compensation is given to lin however goo

## THE winter agricultural oame

and the Birmingham and have issued their liberal petitors. About 2500 , with and special prizes in addhtore $u$ lo by the latter Olub, and tit pro may be almost overwhelmed ? beast his clase, the awayd of priane 1007., a $40 l_{0}$ cup, and a gold 2 breedor. The Birmingh
in prizes, with silver caps, pecial prizes to the amount 0 ilpm Hublic interest arises from tho 1 money appropriated to poultry-it: a noble sum to offar an pris and pigonns." sum to oflir for
whon our national agricultor altogether from thas The smithfield ('lub amongst
prizes in such cl seses, nal may be plish its prescribe 1 nujects a it:

It is wal satisfnctory results. however, that than
It which makes this subject a printry tion, and which thoroughly realiso fooding, purchase, and transit of
be ignored in any general eifort supply of fool for the pupulation. knowing that poultry play in furmshing the supplies newser a carnivorous popalation is, we believe, no record of the Imp poaltry into this country enormous. For aggs alone have paid about 1,500,000\%。 this foreign trade, compared in poultry, is insignifioant, market ponltry is poured plentifully, and tuds resis puck and grese imperted formasm larguly by tarmuts who feed them for thi bred upon the ninnrs in the nowe oy the occupher's of small each by dealer', and broush: to provincial towns, anil dniten stubbles till Michaelmas, after fattenod with meal and Potatos In spite, howerer, of all t is not erpual to the wants of the provis price of poultry when it reachas th price of poultr
meat. At gome scasons, when npms at is. Bul. per couple in Lonion, 1 an price is much higher. produced by tho con oxpect therefore a gara fed on. ay into the poultry flesh rather that mutton. Moreaver, pultry, ${ }^{2}$


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#### Abstract

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 Mr. He.l. Frot anly hattar than himan'f, hit an tha


 takera are anmala of haphedigree. What, for example, cen be betfer bred then conrraiend Kaigotior Tat Fragrail and Boman Otford: Boanty nimory the 00 m and helfors? If we mearch the records of part years find Sirdy (ixford Sth taking the lat jrite ot Woncation and Dwrimen Fith the lat at Iesadx, betirlen 18 othe











but while the former was somewhat coarse, the lattor Was perhaps the best Bates bull which has been Ist prize at Oxford. If the respeutive pedigrees of the two bulls had been before the julqe:, they would probably have placed 5 TH DUKE OF OXFORD in the position which he held sorne montbs later at the Royal meetiag at Chester, viz, list in his class. It hoas alway animal slinuld not have left his mark more exten sively on Bates' families.
The excellence of pure-bred animals 1s, however, perthaps nowbere so strikingly proved as at the shows,
of fat stock at Birmioghana. Istington, aud elsewhere, where the animal is everything, and his pedigree a such counts for nothing. Passing over, as my limits compel me to do, the long line of wianers whenders, will only ailude to Mr. Rowland Wood's Birraingham Gold Medal ox of $186{ }^{3}$, The writer of the Shorthorn intelligence in Bell's Messenger, after enumeratıng many distinguthet bulls to which this ox traces ho
 DCRE OF NobThemaerl ind, conoludes by remark beast should be able to show such roodly antecedents." pooed to contend that oross-bred animals of surpassing merit do not make their appearance at our fat shows; pura breeds hnbitually attain
With regard to the necessity for selection in breeding animals, I ontirely ngree with you. We frequently see at the present day bulls broupht formard or sale waich, some other defect, are quite unsuited to be the sires of stock, and which consequently are unsaleable except at the price whlesh they may be worth as inferior beef. And I camnot but hope that our breeders will pay more attention to the rearing of steers than they have done Iateiy. Loord Spencer remarked long ayo that an anmal may make an excellent steer, which was quite good lot of steers will pay mucli better than a number of inferior bulls.
In my next article I hope to say, with your permising put animis of the inexpediency of making use ? Mood, Nov. 3 .

## MR. SHIRREFF'S WHEIT AND OATS.

When malking over a field of Wheat on the farm of Mungoswells, in the county of Faddinkton, in the epring of 1910, a kreen healthy plant attracted my attention-the crop generally then looking more dead
than alive from the severity of the provious winterand next day measures were taken to insure its vigarous growth. In the course of summer several stalks
 produging abut th quarters of srann. Thas Wheat wolits but the name was not long of being changed, and in has been sold in Maddington market by the folray's, Lady Hall, and other aluases In the summer of MLur, a tall stack of oats was observed growing on MLungoswells, and in the follnwing spring its seeds
were sown beside several known variethes the were sown beside several known variethes, the plants
si harvest being still consplcuous for height. This variety became the Hopetoun Oat. On the farm of Drem, in 1832, there was picked up an ear of Wheat contining 99 grans-other three having dropped out before it came into my possessind. From this oar
Hopetoun Wheat was propagated, and althouga the name has been pretty generally retained, it is sometimes known in the west of Scotland as White Kunter's. The next cercal introluced into field practice was dinton market at the present time be ret with in Hadbe had at Dalkerth, and also ot Kelso, where it is known by the namo "Make-him-rich."
Improvernent had hitherto been taken up by fits and matically. With this view, Wheat fields far and near were earmined, and ears selecterl for propapating theair soeds, so that the experimental What plot of 1887
conkined plants of nearly all the kiads cultivated in

 had been duperior Wats in the same way as of Hadduaton, pararice parative trial plot, with 90 old kinds, in the
spring of 1 Bi 3, , and from thas source the Feilow family arose, consisting of Early Fellow, Fine Fellow, and Long Fellow, Crassing or hybridising varieties of Wheat has been attentled with interesting and satisfoctory results. Shirrett's Bearded White, with small round, and pearly-looking sceds, on being fertulsed Fith pollen from Tulavera (famed for size and quality of grain), prolucel King Richard, scarcely pqualled from various party of Britain , ant, unequalled for beauty of four. Tso varieties hare King Red Chaff and King Weard have been named handed, for the purpoee of Beard. Both have been Barnay hill, and are likely proon to attract notice. The
and quality of Talavera. From experiments in the present yesr by crossing, new varieties are
Plants and animals play puportant parts in the conomy of $a$ well-managed arable farm in East Lothian Animals, while being fattened, supply the means promerge the grow the regetable produce increase the means of fattening livo stock. Thus plants can be made tn aut and react upon each other, and throug these agents the condition of the farm may be kept stationary, progressive, or deterioraterd of less importance than plants, because the latter forms the found an tion and largest portion of the farmer's wealth, and without plants animals cannot exist. Agricultural associations devote almost their whole attention to animals, and the favourable change which all of then have undergone, from the ox the farrner's influence over the objects of his care. But, confining our view to the cereals, let us see what is done to improve tais and premiums aval, the competing parcels being previoussy prepared for exhibition by being requently passen besiry, hand-mekel over plates, or oven tossed on a blanket. By these means the seeds of weeds are sot rid of; but such appliances cannot change the nature of the grain
The state of the cereals may be judged from what is seen at our great agricultural gatherings ; and the recent meeting of the Royal Agricul opportunity of examining into this matter. At the stall of the Society's seedsman Wheat was displayed in small bundles of ears, in small samples of grain, and in clusters of ears arranged on pastebnard. This kind did not exceed 12 or 14 , and very few were correctly named. Oats were in a similar state of negiect and confusion, small bundles of ears belng artistically displayed, interspersed with the words B'ack Tartar and "White Tartar." There were also grain samples -about 20 ears-each spread separateiy out on pasteand hangiog upon the wall, all numbered, but very Fellorr family could bo found, and the much older Hopetoun Oat was also wanting. This extensive stall dud not cantaia a cereal with which the name of Sbirreff Oat. At the last meeting of the IIigh land Society at Eliaburgh, the most distinguished colleation of seods could boast of six varieties of Wheat in largo sacks, marked with six difere was little doubt of four of them being one and the samie rariety, and that none of the
 species of plant can bo modified by skilful treatfield than in the garden, it may perhaps be owing to farmers viewing each kind of arop as Whole, and overlooking individual plants. Besides, with mdiviluy
 before a soctety in East Lothian a plan for imarupin cereals, which was well recelved and favourahly inankurated: but eventually it was strangled from dislike to its author. This public, and, perhaps,
unparalleled, recognition for baving been instrumental in introducing new farm plants is particularly gratifrom to me, but high as the pleasure may be arising from this source, it is equalled, if not supassed, by the evidence afforded of so many agriculturiats being alive to the usefulness and propriety of improving the plants they cultivate. [The above remarks were made last week at Haddington by Mr. Patrick Shirreff, of
East Lothian, on the occasion of a dinner given in his honour by his friends and neighbours.]

## SEED WHEAT.

As ye sow, so shall ye reap. There is no doubt bout it. Other things being equal, superior seed grves a superior roturn. And until we adopt, as a saymg seed that the most careful breeders do in breed. ing for the improvement of ther stock, we shall fili short of obtaining as fully developed crops as are of comparatively easy attanment. Every item of farm
labour performed with cars and goort julgment pays labour performed with care and goou julyment pays
well, but not one pays more abundantly than this of
Beleating and saving seod. A Fast daference is realised,
whether ealecting and saving seed. A vast difference is realised,
whether wo plant the best geed-plump, full of nutri-
ment-or blatet, or sharunken, wherre the germu of life
is but just rafficiant to vegetato. and grow, but it is tardy in coming up, and still more als) ia krowing; and being of a weakly growth, healthy moed
It is by careful attention to litillo thines that the gear and thus to incroplove has crops from year t periaps more than in any other cane ; for in farming made up of attention to minor matterio of good luck But is of attention to minor matters of detat. ffered in the market thooking sample that may bo seed whest ", It It is not. Goorthy of the name of seed whest?" It is not. Good stocks ever do best, wist as a pure-hred animal will thrive where a mongre ewe starve, Take an analogous orae if a half-bred sire, and one arm lambed tup, the produce follows the sire, and one ram lamb in ten rayy even seem nearly as well brel as his progenitor. But use him with a
similar class of ewe, in hopes of obtaining the like similar class of ewe, in hopes of obtannng the like
results, and failure is certain. So a Wheat that has results, and failure is certain. So a Wheat that has
been long, carefully, and successfully grown on the satne soil, possesses inherent aptitudes and peculiarities
stocks offored such 〔ualithes may be expectal
vigorous prolific grow his usually vigorous prolific grow th usually follownal
present prices, there is no better investment The cultivation seed. The cultivation of Wheat was the subinet oussiou at the East Lethian Farmers' Clob
the meetings last nutumn, and it is nothow the meetings last nutumn, and it is notion the value of a judtriuus change of seed. ©nd the leading speakers-Mr. Mill, Likgate; Y 1 Bearlord, and otners -we have in previoung
the pleasure of supplying with seed, the pleasure of supplying with seed. In
from us last season, SIr. Smith, of Sterenton said "I bave got the premuu two years in With Browtcy Wheat."
One word as to the origin of Browick What
we chiefly supply from this distriut, and Five-and-twenty years aro last month bis farmer was walking about among his reapers amount of personal overstint was probalifi order of the day. In gung along by the anom his eye was caught by the appearance of an ens developed from trom the rest-fujer, and mon. towards the apex. it was on a good stifortrint and second thoughts led to its being carefall) and carried home. In another month eied o dibbled singly, of inches apart, in the famm birds, for they hise these small patches bud new what-for a new variety it certandy and retained all its original charaoteín plump grain, square, equable ear, and doust plump grain. square, equable ear, and domite Wet season. In two years a small field mimp
it. It proved more proltifu than any sorta timit side; neighbours wantod to try it, and nitin) lonz price for it
This oc:urred on a farm at the hambed dh and parish of Wymondham. The painshlay
was Mr. Robert lankam, who is, we wro was Mr. Robert lanham, who is, we aro
still alive. May many happy days be in stont It was first otered to the public in 1980 annually been so ever since. Prom
beginuing, Browick Wheat has extended and wive, until it is probably the mat ivoly grown Wheat in lagland, des near Dieppe informed us some time since bist season purchaces su dureters of it un Mark Lem sent over for his omn sowno. Ton years ing requested to sead to a l'rench marquis, in wis ouly half its nroduce year by year been soms would now supply seed Wheat suflicien Let no one desthise the day of smali thage He has repeatedly ro selected lus stock, slaraie from the finest ear he could obtain; pedigre
the lighest selise of the term, a Wheat. And hence alno the off-notion a greater robustness of mrow k than when gron Oars on the same farm without the cane On this princtplo any farmer has it in has obtain fresh seed, as it were, on his ofratame
taking tho proper paims. Jothing that is mat in the world can bo done without paiss repeated quotation about the man who
blades of Grass grow where only one gren blades of Grass grow where only one applicable to Mr. Banham. Therefors "b Whom honour is dine."
Boteick \& Co. Bedford.

## 

## Interest and Wear and Tesr,-dow

 G. A. II" (p. 1141) I am a bat "accoun" implies that he is a good one, inssmuan bimself up as a judge intrue, yet for all that ho

$$
\begin{aligned}
& \text { true, yet for all that } 110 \text { sa "revoned" } \\
& \text { or he nould nob havo "rev on my } \\
& 205 \text { geres s sear Tho sork on }
\end{aligned}
$$ 2,5 acres ${ }^{8}$ year Tho work on

15 years ben regularly recorded, abd
year did it reach 104 acres, and here year did it reach low acres, and here is the
it has done so this jear. On September
entoral entered upon 131 aeres more land, of thed
Grass, and 61 are under the plough.
heavy clay, adjomman my o.l heary day




hut iet me remind him that the Royal Arrieultural their calculations when they awarded the great son pries at mise " therpifore hare no trouble to clear Murt can get out of his mess as easily he will no power tu the cultization of the sult is to cet deen sum elean aceil-beds at the cheapest cost. Thus year I have cot a eeddhed on 51 arres of Wheat at is. ide per acre on tacres, aler Hangess for heat, at $2 s$ per ares deep, tands at is. $\boldsymbol{i}$. per acre. These are fizures that I prile myself in being able to show, and I am proud wh.th they are based, and I will show tho condition of n. . . Ind azarnst any man's land; but 1 will not work land tin e over by steam-power for the sako of appearanees, a1 : hell " busy with my tackle for no useful purpose,
If " (r. A gnt a lot to learn about steam-power and culture:
therefore, lot me give him this little dose. I must, howerer, give him my "account of repairs
new xharo to ry timg ploug
Tatal
Sinen writing the preceding, it has nccurred to me that
 extra eapital is needed to work my farm by steam. My
aid arablo land needed six horses to work it under hore culture. Tinder steans culture I havo nover
used vint three, and they, as I have heretoforo shows, only wrik 118 days n-sear. On the farm that I have work the heavy arable land, and I never knew a profit manle by a horso on it, yet I hase known of
many a dead one. I have atarted off with five tr) do the two farms, and thas week will com-
pleto the, work for the sear, excepting job work and that will be rery light, for nearly the whote of
the thles are already drawn, and land unon the news the thles are already drawn, and lad upon the new
mortion of my farm for dramma gamer of six horses, let us put them with their tarkle
and implements to work with, at $10 /$ each. Ineed less oppta, upno that point, 2 tol. Now fix therr keeping I Pes the value of thetr manure) at $25 l$. eachit in this
Way, at the end of the year, I save $150 l$. Now, let us
 s. x hirara, witl) their tackio nal forple-
ments (leas nee ferl).

Kicly for a yeur if six horsö

| 2940 | 0 | 0 |
| ---: | ---: | ---: |
| 150 | 0 | 7 |

Th's gives e gain to mët the end of the first qear of painpr every year afterwards of jinll. for horsekeeying, to say nothing about the cleanere and but I n.1nt say somethins alout mereased My nill heavy land noed and worse oulfure veeded and had a fied fatlow overy fourth year, Jot under athead
culture it has never had one, neither will it ever need one, therefore I am a cainer of one fourth in produce
upon that pront: and the farm that I bave just entered uson has had a portion of deal fullow yearly, this year it had somes, anil I hard to pay by valuation, for three
 them, wthout ketting nny proluce. 1 now Inall neser need any dead fallow or fallow of any kind upon this " In , the chape of increased produce. If take it that about tiese wonderful things of late, that they are getting them up to from 20 to 40 tons in welght Years akn I read of less weighty thmpg than these having mornuaz or other we may hear of the heavy weights in the mud. I still like my light-weight, that 1 cand depend upon in any weather. Look at my letter last week. It
comes mut juct at the moment when I want it, docs the work when work 19 very valuable, and then eets packed riaht time if they mean to be gainers by using it as Well as having the wro done cheap and well. Willuam
Woolston Steam Ploughing.-I cannot see why your 12x. per day, and theu say that 100 days would give Does Mr. Smith work his tackie for lno days? I tro Smith professed he to ploughs uns facts and acre an day. Mr if ne days not keep his engine at work p.rurhung for Bo the sctual cost for interest and wear and tear? If
Mr. Mechi did anything so utterly contrary to honest accounts, I warrant Woolston would be downapon enough to tell bis shareholders that $1 s$. $6 d^{2}$. per
arre mas ampie to sorer sintareats and wear and tear," and were to advise them to set that sum aside lis thane abnut "and il he were, moreover to hold more la wily tham Mr to hi- brother n altivate scres with for Wheat at 6 ge 8diey whil be able to make sed sed-ben bis- made a sedi-bel for tis. od. per nere, I toll lum he

estimate" (aud a very ridiculous one); and besides
 not, hr. Smith began with a much analler engioe than he has now haw much
the ensine cost? flow huwh, too, dith
fove on it when 10 two or three years' tappose he wil Smith a road locomotive? Ii mal pot do for Mr makes up the interest and wear and tear by hiren and his ploughong apparatus to his nemphbours (if he oust do so), for a Lorse farmer mixbt as reasonably say that his seed-bed only ooste hill so and so, because he the parson or the squire when they trant sorme coal drawn. Moreover, if I mistake not, there was not long ago a terrible row ktched up because in the Tiptree accounts as small sum was put down as having been recelved by Mr. Mech1 from his nelghbours for grinding some corn with has little fixed ensume which he has hind for the last 20 yesrs. If, too, Mr. Smult can scuftle heavy clay-land with horses for 28 . per acre, I think he must bea hen. A hen oould scratoh, and no could he; but I do not think that either of them would soratoh it very deep. I have as shine Cole-

Wages and Education - T pon the condition of the agricultural libourer of the fens, allow mo to give my Much has been saxd about the "down-trod len," help less state of the labouring class, but I must at onoe froteat againat ilhase terms hemg applied to the payivg my men 12s. per week, some of whom have nearly all last month the wife, when she could bo to work, was earning 1s. 3/l. por day Potato peking, and obtain employment an over the harvest labour nocount, $I$ find that emoh setthat is, the man, lis wife, and a chald, or in some caser earned 10 days, the men recelved ase fid and six for of beer a day, whilst earling, stacking, ic there down-trodiden state not allect the question of allowed that a man who knows his work and does it, also knows that his labour is worth the wayo ho he and his mastor are under no obligations the one to the other. That soveral-I cannot say many-of my moro than シll years, wan nenther real nor write, 15 , I ron-

to write farly, and to tell, with a hitule consuderation
 think that surk on education is suffcient for them the station in life to whinh they have been called What earthly 1158 wound it be to leach these lad it schrilars, like Canon curileska lieales, M.d, an. I Gney thone gentlemen would not be thusked by the labotrer for hos proposed compulsory eduentions, for the promr man, and paricularly the and training of his ohitdren would only tend to create ill feeling between him and the authorities. It not to be supposed that the education of the generatilas will be as defective 111 the nex carried on in has been, for as improrement is bemz tinue to keep pace with them. But not by forwing can this be done. The labourer wilh see the advantare of knowiedre, and aval lamelf of the opportualies
Hangel Running to Seed. - Having seen in the Agreuthural Gazette several paragraphs on Manzels running this year, give my experience from seed pur finer or more handsome lot of roots I have never seen. one showing the least sign of running. The sort were the Berkshire Prize Yellow Intermediate, and the average was 10 tous per aere. Thos. Aldreass, Box

Foot-Rnd-Mouth Diseale. - In one of my byres my herdmen and myself estimate 3 destruotion by the only $e$ emall portion, for the suffering herd has had inseed, bran, barley-meal, soaked oril-cake, \&o, which, hid the cattle been free from the disease, wnuld have producert" and pastures arm wastruct and deeterionding rapidly at this seamon, sad whtrh shoull liare heen assiating in produr, us the peogle's fond. Akain, as I have -hould be wills their horses upon the arable land pre obliged to employ thera in ationdine to the unatheeted and thus the horses ate partly wille, and wom-der stork, and thus the hores are partly ullo, and con-ider rans, or more, rroperly spaiking, as thints highway
of catlle, and prulemee unduoed me to ardor these to te removed to licids adjominas the Teer, in Which they the whale: further, I was moti desurous to bur in for winter 11 to it scoteh mikhlanders, but the rask of mitroducms the foot-nad-month disanse upmo my
farma deterred me, and theretore the firess which farms deterred men, and therefore the firess which
would have fed these w.ll be greatly wasted I have alm, for easuate reasons, bourtat no shieep, or lamba, and farmers around are deterres sendin, their come
away from home for breadine purposes. No doub, I can preserve the mi head, whiteh are sepurated from the onntaunnated lots, the readier sale and inereneed price they are realising wall go some way to hiquidele the loases, from the disease wastins the cattle atlarked but, then, 1 am disposing of fattening anmakls whick injury unon the comitry - as, nere it not for the rikk of the "foot-and-montli," I should not rush them into Shirreff's Bearded Whests.-I read witl great pleajour I'atrick Shirreff, as fromi perisal of the papera be be written from cormesmondenco and from expherianos it the growth of hra valuable varieties of Wheat, Iam convinood that fow peraons more deserve an acknow had sitnn sharn in introilu ing lise varichas into ret and while beartacl il hents it malio that hour Ementulie enrespondent : Mr l3rown, tha leltereriven a fen weens lanck, says he is informeal there are no firse an ear and a fer kernels of hare has py to sell 1 bum the contraty and for he compertwe axpermentov to rust, ife, if ha romtinues them thic year. This kinc has a plump, hhort kernel, and weyghs well this year the weight here was 184 stones nett per mok, $i$. e, fitill lb hitwh! The land in this neighbourhood (near 1 Bu St. Fitund's is not sufficiently atrong or fortito Froluce extrordinary Whent crops, nor can a fine Wrous has in point nf quality with the coarse bave pradured with wis 10 secke per nere Mr lisere in he produrestive ictter is of opmion that vicour of Wheat is shown by tho heard, and that probably the fungoud diserses (the Take-all) of Australia, might be renderel less destructive by growing vigerous bearde diea is corrert, aud if an, shirreffs theat would be well worth an Anatralian irial. I would tuake another
 the cultivators have been empelleitive grow a coarse hind of livetta, there rallet "anti-fly." which itre las its heard tram the attark of the exg-proluring


fromatheck of 今y and Fankue, ard if co, wo what ertant Would wish to oalt the atbontion of Mr. Brown, and
other scientifio men, to the subject. $W, \boldsymbol{R}$, , November 3

## Foreign Correspondence.

Tornsto Camilimh Armilurn - Tho Tormto the russarks of a writer in the Alyricul/ural fiazerte of Aurust 28, the substune of which yni will no doubt be glad to lave hefore your readers, The diffimultes in dias way of Wheat prowing on bith sides of the sich ie not in any extreme rimur of the chmatn north o the raser whinh he ponats out, or m any natura moverty of so much of tho sonl, but in the prevalence
of the Wheat nudge It is this whinh has for number of years past "devastated our Wheat crops, so acutely and suffer from so much." It is however, from another article in the same paper that $I$ shall ask ou to give sour readers some extracts, and dure that time have been intimately acquanted with the Wheat-producing rapabilties of every section of this Province, from Kingston to Sarnia, and Dorthward from Lake Ontario to Cabot's Head, as well as those o very many portions of the T'rited States, and must beg to differ most materially from the writer in the Agricultural Gazotle, and the excellent authoritie
whom he quotes. Cinada has not, as far as the land
in C'inads is erincerned, disappmotell any rezionable
 poswers. I have myself a hundred times verified by
antual measurement very large yields of the bes
Wheat, often 30 to 40 sud 50 bushels per aere-then Wheat, often 30 to 40 and 50 bushels per acre-thon
pields oocagionally extanding over Jarge mase, Only
 acre fromu firy fapers of about ohen found to contain statementa, in which name, int and oonoeasion are harrested to tho ampo. Instances can be mentioned by the thonsand of such glelds ass 30 to 85 butheis to the these go-malied manrear gtans. It is not the falltit of the and aboro all, the In mpreed of produce, a majurel with the bigh cost of the nememary draming, aud the husbandmasd from for manuras that itit Finglish thericultarist so freely Javishes his mones un. Ithese are
rious and less profitable than in the mother country often I average yeld often domes unt exceed one hat! or oneall the fault of 'awada pewerally; or the whmete or boil, or its want of adajitatson to 1 nest calture som such wheat as will ripen in Juls inntal Augnst, and thereby escape tue irpaded rivaser of the
 the croy will pat exiceel one-halt of other trimtera by ruadge to the bost atal most productive If hasta by mulge to the bost amd mont pruluctise Whata
that we cousuler at alvivable to throw away one-hal by sowng unproduetive surts, and theriby eecure half a crop.

Canada is in no way to blame for thas. Wheu I first came bere there was no midye, bor for many
 portions of the earfior 10jured parts of Canmada, such sensibla derrease in tho midue ant ita ravazets is mows felt. Many are arnin srowthe sintulet 1 hent, and are


 therefrom.

But all these drawback are not due to Canada's
consink to have the due to its so-called of produming Whest, nor are more properly di-called rimous etimate. mes are countries, alone with emisrativu, of evils origunaturg and prevaling eisewhere." 1 .

## Societies.

migmlavi A\d (irklillivelf.
AT the ordinary monttry meetinz of the directors of this Soclety, on the report by the committee appocuted on the farm of lether Lituperton will the lich of of lisuat last, the directors awarded than fotomong prewa.aus-


 Lille, went it thil,

1 1 , iar
Irx.
 Freumatic Are extang tister.

## Brigham \& Bickertion, fur site delivery reip <br> Alvermintor Jack e Sone, Masbule tor two-botm bunual <br> 




 Dumfries nast year


 the diatried


Parmers' Clubs.


- $\cdot 1=$














 Katued ; they require oonsiderably more mtiontion, eni If laid on to firass in tho afp.02s, I have on lice that they lo not mike the ahae fic semas er tand



 II acres Turt.1p, averas uz sas at











 boen taked, but in thil liat in io be affected in in with a bare fallow, filsores will be as eavily matisated


 rupt is a rarta



 Diore ntrmek in the muntry, and anserraty of forat in

 ifla! 1 rili, 'this olam of land in Ron
 Eflat tan 11 armall if




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less because slack hands (for such will Ret in among to so laard for the squire as for other omployers. It in excellent an 1 praiscworthy plan to let the hands on Saturday ufternoon, suy nt four o'clock, summer ito the employer is not aypreciable, and it affords an ${ }^{\text {Impen }}$ Ipon the owner humself a boneficral influence will uredly be exerted, if he gives moderate attention to
farm in his own occupation. IIe pets a greater farm in his own occupainon. He gets a greater
ight into rural affis, he is better able to judgo of
that pertans thereto, and he can more readily that pertaliss theret, and hish his tearats at any npathise experience."

## Pharmacoprea, includung the Outhnes of Materiat  Muson, F C S, Prolessor of Chemastry and Materia hurchill \& Son, New Burlington Street. <br> trustworthy diotionary of the various substance 3 in yeterinary medioine, with their synonyms, mposition, modes of prepsration, actions and uses, mposition, modes of preparstion, actions and uses,

 - lion is
## Farm Memoranda.

Hampsinibe. - This, our usual record of agricultural sters, has been somewhat delayed by other pressing gagements. It is, however, an interestup period of
o year th? all engaped in the occupation of land, as it now that the yarious orops of grain and Pulse have
on tested by threshin, and the various root crops on tested by threshing, and the various root crops
food for cattle are showing and promismg in their
the and value. The agerogate produce of the county tlk and value. The aggregate produce of the county nerally was never better, reckoning the fond for man
it cattle. It is true the produce of the $W$ Wheat crop is year is moredifficult to estimate than usu.l, owing
the great disparity in produce, which, in some the great disparity in produce, which, in some op, in fields of simular soll and culturation, it mut,
erefore, be writen as a bare averave, and this view erefore, be writen as a bare averave, and this view,
the case is somewhtt strengliened by the rates at ainh it is seling. Burly is a fair arearage erop, of
different quality. Outs a little over an average, both different quality. Outs a little over an average, both
wergit and quantity. 1 Beanso ar. 1 Peas are a good
erako produce. 11 ay, both field and meadow produce, erake produce. Llyy, both field and meadow pronluce,
 urnips, aud also the latter varjetles of conmon
urnops are very promising, aad more than usually so the clalk bull farms. Cabbages of varous sorts are moing into use more than formerls in field culto-
tion, being found good wholesome food for all ih. ock of the farm, and are ready for use es riter thou her ront rops Cabbuges this year patuten 1hn lat
 nd from Wilton Fior, September 13 , to Winchester
air, October M, the increased value may be stated at om is to 8 s pre liea, and even at thas price it may iny bo expelted that strecy, will give an incerease of he brecter- of st, ik ons tho hall tarns onstht to bo ild very low last 3 oar, the averaze of three gers mum a satisfastory In anticipation of prices for merat arough tho winter and spring months, nany partieg
pasider that it must bo lower on aucount of tho larey uantity of cattle food to be consumed; but it should o remembered that we uscd to get, years ang, a largo
umber uf well-fed sheep) and cate at onir fairs But his is mot the case at prosent, excepting erbibition ock, showise there is no accumulation of tat otoch,
ut tho reverso, and that the requrement of the con-
 rerage breed of lambs for the past three y ears) drawnidg
ery hard upon our supplies to meet the demand, and
our (ionmer our Goternment statistics aro to be relied on, we
re now 1,3 mit, 010no sherp short in number ns compared
ith the ith the previous yeur the the Luted Kimgdom. If
ins is true, matton and beef, notwithstandug foreign upplies, niat bo dearer ratber thau cheaper
It is satisfuetory to know that the $11 \pi k s$ of sheen in
ais county were never more healthy and the urge numbers of horned ewnes which usually come into ae southern division at this period are yieldink a very uraerous fall of lambs, which, together with the nwes,

 xtension.
We question are nut sufiviont to chick $k$ als f store cattle from Ireland, which sell readily in our sirs and markets, ownut to the abundanoe of fodder
nd roots. These are of a better description of stock
han formerly, and are nearly allied to the Shorthorned reed, but they do are nearly allied for wintering in straw yards, Fith woll-bred horth Deady a sale in cattlo, nor do they moet
 fouthampton, Nov, .
Soumis Laveasmirt - The differences of olimate in In Lancashire wo have had two months of wet an: sonen weather, interfering serimuly w.th the raining
of Midland Countics farmers complain of a Fant of rain mull not take piece-work, thecnuse land. Drainers there
and hard that they cannot make fair wages, and the nuless rain falls, the hounds whl not be brought out In I, ancashire Potato rulsing has beeu cirrred on a fast as wra practioable, considering the wet weather. but, uufortunately, the disease has set in, sind two aro lurryitiz their tubers to market, and will alceep very low prices in ordar to get rid of them. A large
grower informed me today that his crop, which looked magnithe has never had so much dispase since the fata th th there is little or no disease in the warp solls in Marshland (Yorkshire), and in Sir, thand but the Goses in the Ormskirk and \& uthport distriet, where
the crop is extensively cultisated, will be seriou Fortunately for them, too, thelr Wheat crop wa retuarkably goot, atd, contrary to the experience of
other districts, threslies out well. Their early Potatos. besides, were a sound and profitable crop. It would soem that the warm, muggy weather, and the thunder sad lightning in the early part of October, brought on the disease which caught the later sorts. The results of the year's cropping in this district have been,

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 not muoh oultivated in this district, but where Swodes and Mangels are grown, the crops are magnificeut. It was covered with snow. W. Hi B., Nob. 10 .

## (ube 30ultry vary.

Does Poultry Keepang Pay ? This homely question is frequentiy asked, but not often answered, or 1 I am not prepared to give other than a general reply, founded upon observation. It is an uuquestionable fact that a vast increase in our stock of poultry has of poultry must be profitable, or they would not ens s.delg extended or so numerously bred The rearing and manarement of farmagard ponitery las become farmer's dame is gone, and her broods gone with her. Her geese and her poultry were desirable on the farm When she ontered her new husband's home; these she neraonally tended, and these stock breeders remained The majnrity of these modern farmer's dames, I regret The majnrity of ahe for the mont nart persounl attendance

## 

 breeding and managenient of poultry has become a and soleotion, of frogment and cariord crowing breeding. Our highly interesting and beautiful prisuluk birds are coutmualy exhbited, and it is from thene that fresh ctocks are constantly risised Fine bent are apeedhly brought up, and go $t$ replenshat mary a furmyard the treat amm betng to proparate the best breels of bealthy Maracter, commg to great120 in the shortest time. To accoupliah this desuleratum, Judictous crussings of the very many bree is of pultry are revorted to in keeping to a true bread, the
finest specmeos alone are retained for brieding aurposes This is ayzin aided by pure and chotee selections of the same bread from freah stocks. I ears for seryco in the same yard, and the hens should be sold of before arriving at ofd age. Puilets should be kept from the oockerills till they are well grown, othervise their full growth and development is much dames prefer the breeding aud raining of poultry for sule, but there are many who prefer keepsing a stoek if
poultry entirely for the production of eges for sale, and these costend that therr's is the most protitable course. It is true that certain brceds of poultry do produce an astonisting number of egks, for which
there ts always a ready sale: but to do this a larke there is always a rendy sale: but to do this a larye
stack of hens (layera) must be kept, whith aloo entuls


their strolling about in search of Forms, flies, inseotes Prour ti) lutrest thay are taken un to the yards, to prevent their mishlievous attacks upon the crops. As and as a field is clear, they are returned to their home soon pet accustomeil. It is in this way that many large poultry evtablistments are upheld. The fatting hovels especially grovided with coru, meal, Potatos,
bran, do $O . F$.

Miscellaneous

## The Conditon of the Agricultural Labourer,- At a

 receut inceticg inf tian ougar Liburers rirend Society, divered a speech which produced some astonishment. Gesticulatiar somewhat v.olently, the rev. gentleman said it was all rery well lor them to meet and cuatter, they dud for the labourng classes in couleur de rose: but he whe one of those who thought, if there were any points the disoussion of which might adil either to the mprovement of themselves or others, they should blurt out" their opinions upon them. He thought they ought not to be too squeamish in what they saidHe was then lumlerstrod to recommend wholesome and He was then unlerstrod to recommend wholesome and

 and be did not see why tuey should atopether prevent the working claswes from drinkinx it. What he pro-
posed they should do was to raise the character of the labouring man, aud then he would not go to the public-house They should teach hum that the money be spent there was wanted by his wife and family at home. And then they ought to get rid of the Yoor-
law. Ke believed that that "horid law" encouraged . He believed that that "horrid law" encouraged hose kind feeling which oughtes, that it dasmilies hat it separatel chass from class, that it encourazod fraud, dissipation, anl lying. Ho believed that that las counteracter that which they all wisted to encourage-providmence, self-support, self-dependence, our frugadity with o belleved that that pubichouses with lazy drunhsrd: These were starthnt statements. Tren they would ark him what remedy he had to shezent. nas he gong to alow the poor to starve, and nho knes him would aequit him of any such thought? Ho wshed to elevate the pour man. He dd not wish He was not very fond ot trates' unions in one way, set Le was not very fond at trates umons in one way, yet
in auother be admareal theus, and thonght they had dmooner be antmareal thens, and thonght they had
 and it $t$. ins Wixell 1hey wrhe! to conten! azannst
 between 700 and 800 labourers, and at the prosent moment it had $8500 l$, to distribute among them in times of necessily, thas rendering thenl independent of the
 hime that the wornins chaves coud not support themhimil that the worninz chawes coud not support themselves. It was the riezond and thef ratish, the har and the thef. It would be of unou the prish, the lar and the thef. It would be of would be of the greatest benefit. moraliy and socially, to would be of the greatest benefit. moraliy and sociany,
the pmor man humalf, if they could litt him from that dearas ed condition of gome and walking before the degrajed condution of poing and wardians with has head down, to ask a morsel of breal from lus brother rate-payers. These Were novel views He knew they struck some hard.
IIs never looked upon the l'oor-law as a charitable Lis never looked upon the loor-law as a charitable
law, for charity meant ransom, sad who ever an and law, for charity meant ransom, and who ever saw an
overseer with a Poor-rate book in his hand, aud looked with any love upon him? The Poor-last system whe not a charitable ona; it was norhing of the sort; it was a maudhin sympathy, and by it they were keeping dowa the noor man whom they wanted to elevate to take a pastiton anong the citizens of this great country. - Mr Chsenhale-Marsh ro-e and said be thought it otherwise excellent speerin by the comments Which he made at the opening of it. It so happened
 $\left.x^{2}+z^{2}\right)^{2}=$ Ac ulesuence. God forgise him if he did not meot
them there them there as m true friend of the working mab, pio-
pared to libien to my sughestion for hie izpuovedith ?
品


that we meet here for the welfare of the noor, and those wha do not wish pell to the poor are better out of our oociety.-Mr. Weleh was sure Mr. Fane did not mean what he said at the beginnugg of his speech. He had often sat under Mr. Fane as a preacher, and Do man uttered more trutb with greater effect. Hid. Mr. Fave I good most emphatically to say that I don't retrac a single word I have uttered. I adbers to what I have stated in toto, and I hope the reporters wrill say so in hope the reporters will say that that observation wa received with a loud laugh.

## Calenivar of operation\%.

Novenber: Stubble lands,-In late seasons in the North, where corn harvest is seldom concluded before the end of October, turming over the stubbles is the main work of the ploughs in Nover by the end of Septomber and beginning of October, and the weather is settiled and dry, it is comomon to antumn fallow, by ploughing, scarifying, and cleaning the land, and also to apply manure; but in late seasons, mat eve fard gets, and wher intended for Turnips the following geason it is common to plough deep with foar horses or subsoil as directed below. For Peas and Beans farmyard mannre is not unfrequently spread upon the gtubbles, and eilher ploughed or ribbed in. Manuring in December is preferred to manuring in early spribg, on the twofold ground that it suits the Bean crop better, aretified by the frost of winter Up to a recent date the work of ribbing was exclusively done by horses and oxen, but it is now cheaper and much more effectually performed by steam ridning ploughs,-the covering of the manure and the leaving of the land exposed to the weather being both better done
Lea ploughing fullows stubble ploughing, South and North-a large breadth being tarned over for sprin corn during the current month. Where wireworm suspeoted skim-plough ine grea sod
furrows, covering it well with the bottom slice, as this rots all vegetable matter, and thus deprives the iacect of food in the spring, while it at the same time starts the spring corn-Oats or Wheat-more rapidy. 3ice robs the land of manure, and supplies food-fresh Grass roots-for the insects in the spring before the roots of the corn are available.
Claying and Compost-Manuxing open, porous, gravelly, sandy, and peaty soils, and marling and chalking clayey and peaty soils, are operations succesc-
fully performed during the month, as the frosts and. rains that follow contiane the process of disintegration hronghout the winter months, thereby giving to poor iokly Clover and stunted Grass Whenever it can be profitably donen appeach ground should be gone over yearly. Some marly clayg are sufficiently frimbo to be
broken fine in the spreading, and worked in by chainharrotrs, others require frost to brenk them down.
All comports should be broken as fine no possible, and chain-barrowed In some cases $九$ busit-harrow or seedharrows work better than chain-harrows, more espeto 40 en cartloads per acre for changing the texture of porr sandy, eravelly, nr peaty soils. Drifted chalk, or chalk drift as it is otherwise termed, is found in some places under a thin stratum of clay, and so broken heavy clay-lands adomine or fo for application reach, to which it can be profitably applied. On Parms where the ploughing is done by steam, such works form proftable employmgnt for the teams during any spare time they have this month.
during the last week in October it mas been let on blut of the second in November, according to the weather. If the sluices have been opened earlier, the memdows may be ready for another flooding by this time, and 50 or, the alternste process requiring close watching. Where there is a limited supply of water,
propision if possible should be made, so that when the provision if possible should be made, so that when the mother, the periods of flooding and drying being himed acoordingly
Tourn Serrage and Farm Seroage continue to apply


meadow hay in the absence of Clover hay. Ofinad
blanch towards ther hent more frequently cult than in the summer time.
Twruip harvesting. - Swedes and yellow-fleched varieties are stored ta pits, is the same way as Manze) Wurzeis are in our southern counties, but in the Therthern they are mowever, not a ferymonly left in the drills. North, for we have seen them as successfully stored both in pits and barns in the counties of Inverness and it has Caithness, as in Kent, Surrey, and Sussez; and it has often occurred to us that the exceptional practice of Scotland should berome the rule, fowing to livestock, eltber neat cattle or sheep. To obviate this, Trost farmars during winter heep 11 days' or a month's Wants of a szowstorm or or beaps outside to supply the Others pall and set the Tornins of hard frosty weather. olamps, techmeally termed alamping in the field for
housed stock. But such supplies seldom meet the demands of northern winters. In those places where the climate and weather is favourable, the southerr practice is becoming more general, but in great more exposed and elevated dificulty experionced is the unfavourablo weather at this season for storiog, as winter sets in before the roots are fulty grown and ready for pulling when the weather permits, and the Turnips are in a When the weather As for the green tops, although they
state fit for it. As may be of some value in November for feeding, it is generally otherwise through the minter, so manure al are worth more for ploughing in as green manure the this season, than for feeding materiald for sheep some current month. In storing in the fied shift lof the nets make small round pits, one for each shinall, or two or
or folding of the sheep if the flock is sman or folding of the sheep if the flock On snainip-cutter is
more pits if the flock is large. One turip more pits if the hork the cut Turnips being carried in baskets by the shepherd or shepberds to the troughe Others make larger pits, and distribute with a horse and cart. Some cast, out a double farrow, the crop in the field for sheep, the other half at the homestead for housed stock generally pulled as required, or eaten off in the drills by sheep. Sometimes part of the crop is carted of and coneumed on stubble or grass-land; in other cases the whole crop is so treated. Autumn Turnips are consumed in the same way; bnt in favourable seasons they continue to swell during this month, and may po be consumed until next. Some varicties aro bardy and may be kept on lonker on dry land for sheep feed. Potatos, Carrots, and Parsnips. - Finish diggink as pits smaller than usual, and turn as directed for Mangel Wurzel. When stored in barns, spread them rather thinly over the floor for a month or so, using some other house as \& temporary store, inatir they wh
Kohl Rabi, store as Swedes, taking care not to cut or injure the root in topping and tailing, for aithough hardy when whole, it is otherwise when broken. cro applies also to Swedes, and indeed to all the root crop with areater force than is generally credited. Cutting the top and tail off a
Live Stock.-In some of the southern counties, stor cattie and sheep are still abroad in the pastures, bu the former would be better in the strawyards, and the latter should now be greatly thinned. When the inclosures adjoin, it is common to leave the pates between open, so as to give the flock, or division of the
flock, es the sase may be, the run of the whole at pleasure. Fields possessing peculiar shelter should be reserved for breeding emes in stormy weather, and when shelter does not exist naturally, it should be provice artificially, for in-lamb ewes should be kent dry
sheltered, and so should youag store sheep. W. $B$.

Notices to Correspondents
Chinege Swise : /f amber where he can procure a shw of the

 iying exposed, a very little frost ia certain to end in their


mix it, on acconnt of the aulphuratted hydrogen givau (If.
Marze, Dhied Gratisg, and Mark Lave: Amateur. The
 heen cbeaper than any other food; but for hard working
horracs, which exhanst a large amonnt of muscle, more nitrogenowg food, at Beans and Oats, would prohably be
more profitahly 1 ned. The Faluc of dried grainh for figa
is Hikels to be very low. What freah graios ase an foon is Hkels to be very low, What freah granes are an foong for plgo, desiecated grains are whent ro-scalded. The Mark
Lamo Corn Exchange is free to camal viaitory and purchasers of corn, (ce. Norlh Slaftordshire. Wood's combined morser and reaper has beon used to our knowledge with sulo, it is bottor to useon a mowing machine for Grata and a rnestino Crovitr: Cor. In reply to a queation as to the
 *
" Received for publication next week "-"Temant-Right
" Glasa Sitables," de


PEDIGREE HUNTERSS WHITE WRRE

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Cheguo or fect Offce Order, whthout whid if will

Apply to Captain $\mathrm{H} A L L E T T$, Fifor, ind Erighton.

Autumn Sowing
ODAS'S NITRO-PHOSPHATE of 3






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## The Garmenerge Chromitle.

SATURDAY, NUFEMBER 20, 1869.

A rerort to the Council of the Royal Horticultural Siociety "On the Forest Eintcation on the Continent and in England rospectively,' from the pen of Mr. ANDREw Mcurray, is before us. Mr. Merreay, it appears, availed himself of to St. Petersburg, to inquire into the working of the forost schools in Germany and in Russia.
Tho inquiry was made with special reference to the question, whether it be advisable or no to send candidates for forest appointments in India, to fursue the greater portion of their education
in fremmany or Franco. It may be remembered that in our remarks on this matter, when the
regulations sanctioned by the Indas Board were under discussion, we stated that in tho forest

Moreonmr, we elluded to the much lerger area of the Continental foreste, and also to is more ahm to that adopted in India, than is that acted on griselally in this country
Mr. Mi hilis, winfind, quegtion- some of our
amarka. Ho contend, that the German forest schoola do not offer greater facilities than are to bemet with here. Now, as we have at present pose, it is difficult to admit the correctness of doubt tha ${ }^{2}$ couclusions. Again, Mr. Mitrika achoula, unless in the case of some particular men. Whether this be so or no, what we may term forest literature-- the treatises on the management of the woods in France, Belgium, and Germany, the splendid mosographs on the monography, to compare with which wo have I to show what all in this country, are sufficient organisation for teaching on the Continent is far superior to anything we possess. Nor did we
Write solely from paper knowledge. We had documents before us giving the rote of studies pursued in the varied establishments; but more siderablo, our remarks were based unon conthe practical working of these anstitutions, and On a knowledge of the existing state of thinge in Indis. We mention these things, as it were, in Mr. Mrence, and with no intention of carping at valuable one, and one calculated to do good earvice. Moreover, Mr. Murrax's Fiews and
our own entirely coincide upon one point-after 111, the most important one-that it is by no sundratess for fial, or even desirable, that the houldates for forest appointments in India vision or France, if proper educational pro-
 Fumfinns collateral subjects connected with it
nat also a thorough training in the practical
aties of a forest officer, should not be insured nties of a forest officer, should not be insured
this country. We have every facility for the
utilised. We have no lack of men able and wable physiology, and the rarious sciences which can bo taught in the class-room or laboratory We are by no means deficient in shrewd expo rienced craftsmen. We hare at home a now somewhat numerous body of officers whe haye been connected with the forest department India, who know its requirements, and are competent to carry out measures to supply them forest ample for all purposes of teaching, and we have, too, in our limitnd space, a much preater diversity of timber than is to be met with in a much larger area ou the Continent. The system followed in the Oak woods of the Weald, is of course unlike that required in the Pine woods and Larch plantations of Scotiand. Surely a man who, ss the result of practical training, can get tho best resulta out of his woods, Whethor in lopi ner, tumber, or what not, ean be trusted to regulato the cutting of Inthan forests. Such a man, while securing a due supply of sleepers for that the reckless and wanton mismanagement which has prerailed so frightfully in India in ormer jears, shall have no place in the future.
We have the teaching both of the theory nod tho practico to our hands; wo have ample materials for practical demonstration and experiment: by all means let us have the
organisation, lot us have a forest-school a regularly ordered institute, which shall not interfore with the private tuition that we have now, but shall lead up to it, and ensure a bottor and more instructed class of pupils, and extond the scope of the teaching powers of tho forester, at the same time that it quickons and concentrates them
As it is now, while giving all praise to the practical acquiremonts of the majority of our them are woefolly deficient in any scieutific knowledge. Many of them have, indeed, scarcely any knowlespe whaterer of trees, other than those with which they corne daly 1 ato econtact. through an arboretum, contaming bucciunons of orif to attach the right names to the troes they saw, if they did not happen to have similar ones growing under their own observation. How many foresters of experienco could evon tell the we have at present mho can act as instructors in forestry. T'nder thaso circumstance it as no Fonder the autborities turned to Germany and France, where at least better provision is made for instruction in forestral matters.

The Indian Forest Service is a profession intended to rank with other learned professions. Those who enter it should be as well trained in general knowledge, and as efficient in practical duties, as those who enter upon other professions of a simular character, such as civil engineoring, surveying, and the like. This cannot be expected under our present want of system, but could readily be effected by proper organisation. The Institute of Surreyors has the matter in hand; the Scottish Arboricultural Society will not neglect its duties; the Royal Horticultural Society is alivo to the requirements of the case. The entablishment of an Arboricultural Committee would help on the cause, and contribute to better the position of the forester. So that we
may look forward with confulence to the remural may look forward with confudence to the
of the preanent anomalous itate of things.

Mr. A. W. Bennett, in the first part of the now weekly scientific periodical, "Nature," has an article in whioh he shows that in some winter flowering planto, as the Gorse, the Dead Nettles, \& . ., the pollen is applied to the stigma of the
flower while it is still unopened, flower while it is still unopened, and thus self-
fertilisation is ansured under the most farourable circumstances as regards complete protection from the weather and other adverse influences. In the Chimonanthus precox, on the other hand, the stamens cover the pistil completely and discharge their pollen outwardly, so that none can
fall on the stigma. As a necessary consequence, the frult is not formed in this country, for want.
at the season of flowering, of the profer insocts at effect cross-fertilisation.
We may expect that many analogous observations will be forthcoraing now that Mr. Darwis
has called renewed attention to this subjoct. It has called renewed attention to the subject. It is one of great interent, and
to amateurs from the easo with which they may be made. It would bo dramedele to ascertain different seacons, it in ferthlinel in the same manner at all times, or whether duferent climatal couditions ate accompantel by corresponding diversities in physiological olice. The researches the settlue" self-ferthigetian is arark phe nown pohen coss-fertilisation. the cross phenoutly than ing greater fertility and a prater derree of vigour to the ufferrmg thats arise from selfforthisation. This bentsg an, it beromes a matter of groat interest to ascertan how an? why it is that so large a contangent of flowers are a manner that a cross is next to impochsible, and solf-fertilisation rendered inevitable. wo are at prasent in the clark as to the
 goorl reason for $1 t$.
As any fiacts bearag on so mportant a subject are valuable, wo mny hero record the arrangements for becuring self-fertulsation in the flower of Algxia duphondes, a pretty evergroen hurub, with orange-colonred bermes, too little flower-buds of this plant (now in bloom, the anthors may be seen melimng inwards and downwards in such a manner that tho pollen falls on the stimma placod a little beneath them. The tube of the corolla, moreover, is lined with hairs pointing in the same downward durection, ss if direct the pollen to the stigma, which is copiously duated orer with the polten grains. Clearly self-fertilisation is the rule in this plant; the corolla is so tightiy closed that an insect would have rery great diffioulty in affecting an entrance, unless indeed it were to bore a hole through the side of the tube, as some sasects do. Lhat are likely to accruo from an grecasional cross, oven where self fertulisation is the rule. In some matnuces it is dificult to sho how this coulis ar to mang into the flower,
In any case the practicul juference to bo drawn by gardeners deoirous of ecouring the soltiog of their Grape blossoms, or other flowers needing artificial assistance, is this, that they should avoid applying the pollen of any given flower
to the stigma of the same flower. They should by preference use the pollen of one tlower to set the pistil of another. If the $t_{\text {wo }}$ flowers are on two different plants (of the samo species or rariety, of courso, understood) so much the better. If the reader will watch the
operations of the bees in his orchard-house next spring, ho will see at a glance how the humble-bees unconssiously effect the "cross" of Which wo have been rpeaking, and hom comparatively rate it is for them to brush off the pollen of one blossom on to the stigma of the same flower. Almost invariably they carry it off to bome other flower. Another illustration of the motto, Nemo sibi virat.
Boteny" In the current number of the "Jouraal of boteny is a full desoription and ooloured representacolumns by Dr. SkEMANS (seo pp. 220, 713), It will bo remembered that "Punch" suggested that this plant should be named in honour of Gog and Magog. Dr. should be named in honour of Gor and Magog. Dr.
Srexan has to some extent acter on the sugrestion, Sremask has to some extent acterion the sug geston,
loasmuch as the sperific name kiven to the plant is "gigas" Generically it formis a now genus of Aroidex, which the disenverer lise named in honour of If well known not only in his profess,onal canacity as an well known, not only in his profess, oual capacity as an measures likely to promote social improvement and
refinement.
Godwin gizs
 and will po doubt resppear at intervals, to the wonder:
ment of the uninitisted. At some future time we mrobably cite Dr. Serruank's article on the plant at probabil congth.
Horticultaral Socteat that the Council of the Royal Horticultural Society has resoived on issuiag anroze
 avarded at in intis country of planth of grtat hotanical interest.

## New Plants

 This spectes byviag fowered With W, Wilson Hegrave, t. 580, and named asecond time, by an
complete, adding also the ohef character of the callosity on the anterior disc of the lip
at the meeting of the Royal Horticultural Society when Mr. Saunders exbibited his plant, that it formed a oonnecting link betweet 310 rmodes and Cycuoches. That is not the caso All the species of Cycnoches have spherical pollinaris, all those of Mormodes side. $\bar{H}$. G. Rchb. fil.
Selenipedium longifolicy, Rehb. fil. • Mrizz.





 Seler rupethe Mapnifatram,
$3 ;$ Rchb .
Recheributhat
Ren RT. Orch C
FRaderess, 1 m
Enderes, Hiraw. Am. po is

## ypripedtain Rechenbachu, 10 , in horts

When we first described tivs plant wo had very bad
materials-a broken leaf, pieces of three or four infloresconces, disarticulated floral organs, and a very poor sketch that would have dono honour to the phanlasy of modern artists For all that, we had to thank the phant in the Cordilleras of Chirigul, at from inn $)$ tn guco feet elevation. Muchl later, za ima, we wotamed

 where, at $p$ I, is a very temptibig pomlar descrintion of the plant. It bemp there named (jprupedum lewelenbachin, we may be entstled to protest arainst eallang
that black velvety lack border of the stamnode that black Felvety hack border of the stammode
a moustarhe, fur we havea better adea of that male ornament. Who comprarison witn an elderly, ill-nced of horse-brush, would perhaps have been better (t) Wo may add, that the tubercles standing right and left of similar deseription of the Cypripedium carneinum (o Selenpedium l'earees) in a certain periodical, would form a very nice adution to vegetable morphology in general, and to Cypripedology in particular, if thoy were not thoss organs which botantists can suthers. Finally, the large callosity observed in the same poor morphological trifles! The Gardeners' Chronicle told us recently of the appearance of the plant at South with them; and we have now at hand a llower and a sketch of aleaf kmily sent from the Rusal Ifortrenitural Soctety's cararden, we boliero, by Mr. Ly les
The flowers remnd one vers much of Salenipedium dariense, Relhb fil in Act. Leop (Csprape lium HartFegli, $i n t i n g$ earlher discovery of Dr. IB. Seemana's in Darien. It is easily distinguishod by the two angles at the inner base of the clannelled olaw or unguis of the lip. Selenipedıum Hartwezti stands even nearer, it appears to be rery distinct, by its nuch
larger and longer bracts, by an upen cliannel of the unguis of the lip, and by some diserepancies in the lip The other Selenipedia, with gibbous hollows on tho sides of the lip, are C'zerwakowsanum and l3oissicris num. Our piatt appears to have the habit of the old Solenipedium caudatum. The peduncle ts vers chrous, as far as me caut uncertain from dried specimena, on bracte very mulh hap those of Heliconras. The flowers are greenst, very shining outside The dorsal sepal is nearly oblonk-trianguatr, with a brownish wordur. The as loag as the lip. Ther petals Liave a broad, subcordste base and taper into a tail, greepish, with white borders, and two brown streaks at the bose, and brown at the
 trilocular orary is port-wine coloured, wi.
It rather aypears las M. Faderes kindly informed us), that but one llower opens at once For men u gatence that is a charactertstic feature; for anateur it is an interesting fact. We may, however, expect to eorhe day or another an artishcal caricature, bearing perbaps halfra-dozen open flowers at once ou the same
fower-stalk. Trahut sua qumque roluptas!' $H$. $G$. Rclbo $\mathfrak{f i l}$.

Demidobity stperben ["mactophylitemy Potivin ralace bastatus, ELETT
invelh. Ch, Veitch, who pretty rariet y has boen introduced by Messia, so that these gentlemen mould apear to flower it very
freely. freely. It is matioer different from the olis and not uncomzanon thes. The mentum is singularly blunt and The lip bears thro lare patalit are light rosy purpic. also two smaller onge on the viol-purplish spots, as base of the petals is atriking. The profevery hastate on the lip 25 extremelr rich. The profusion of hars rome modern bairy minter drees or the netural cover
of an ice-bear. It comes from the Moluccas, and will orma tood addion Dendrobe. II. G. Rchl. jhi,
DENDROBILA SLPERBTM ["MACROPHYLLUM"
Perigonio candidn, labella diseo ac unghe punpureis
A very striking novelty. The flowers aro clear White The disc of the lop bears two beautiful nurplith
blotcies, and its base is of the same colour for $1^{1, .3}$ beautiful thath we have to thank Memsy. Velwh,


## ABIERICAN POTATOS.

In the epring of the year I reoeived from the Editors of the Gadeners, Chroncte the following

 Prolific. The specimens of both lots were vers tine
The first loi was planted tolerably early, and the last The first lot was planted tolerably early, and the last way dug up October 15 .
My opinion of the Early Rose is the srme exretly as that exprossel by the Editors. i gave a quber or two
to the Rev. Robert lerte, Rector of Clal? Ohefurd, to plant. We shose 1 me two tubers taken from oue aud beantifully shajurd. I asked him 1 in dren them, and report to me. It sadid the
core, and not pood This was the
to the The others were of the lite of routa. I taste. several tumes the witts sent, but hifs wre not good liarly Rowe, whinh I shall try nanim, I gase them 10 "Steevie" to take to the $d r y$ cualsy suls of lluntan, Where I think they will bo vurs Valuable for cotharsers The yalath here the same great fault-they were not dry enounh, and their colour was, except the Firly flesh was soft aud flapurtess. Still I almired the Potatos much, and the raisers deserve great oredit for the following excellencies-the linest foliage I ever saw come of the leaves were findee by sh, zreat crophers. very fise it the gran. I never sust finer Potatos than No. Jand No. F , still, when emoked by steam, they were soft and nut good tlavotred.
Dryness and trmoess, combined with mealiness, aro assential to a first-class Potato. The best of all the rial Potatos seut here, for quahty and llafour, was 3 Ir Barron's Perfection. I sha\}l plant it again. It is worth a trial. As the last lot was planted so late as June 5, it is no wonder that some of the tubers were diseased. I received from Mrs, Allen, of Shepton Mallet, the great (allao at I Cilecsin' Late, prebably the
 hence was diseared. I have male up my minl to cet rid of all late rupening l'otatos, and I advise my readers to do the same. Two parts out of three of the late ripeners have perished aireads. The national wealth has been robbed to that amount, and domestic comfort has sultered in the same ratio.
The most saluable Potitos in Enslan I, no far as I have had experience, are the Rnyal Awhleaf, Ifern, and Taytwo former may be procured. The reason why llero and Taylor's Hybrid are so valuable is, that they are reat croppers, of first cuality, come out early to snu keop three l'otatos, buy thean - [rasal Ashieaf, iryfe Cantle, and Lero: they will carry gon from June to June. Do not be led away with great cropvers, and huge Potatis. Tuere is, 1 am surry to see, hoth as regardo fruts and vegetables, a vular pure li-
lection for something huse or abundant, without the east reference to quality and flavour. You will find Turner's Gem Meloa better far than thozo luge exhbi-

## I

$I$ 盟id in my last artiole that the Lapstone is apt

## to grow out early and supertubarate

 choned you would not kiow it from the Lapstione, from say more on the subiect of Potatos. I I have read with plensure on and atteniection of Pr. Daton's article. The dithiculty lien here if : in I'utatos, int arte, w.re planted and situations. If should like to a cee them triner soil also cooked ') in clay foil, brown loam, chang tried innd sandy soll. I should crown king that l'otato whind sundy sonl. 1 should crown king that l'otato whing had Hero and Tajlor's Hybrid above seven jears : and Inever knew them in estray at any time. $\bar{H}$. F
Radclyffe Nov. 15.

## TLIE DLOE

[Albutraot of a Papor read before the Solontifio Committeo
Is the cultivation of Aloes it is as wel mind that they grow equally well with or wathou pots. There 18 scarcely any perceptiblo ditference in su dime carefully duc nut re-estabishmment, hetween an dloe carefully dug nut of the ground with all it. chopped off; both are at tumes liable to damp of decay at the root.
Aloes are found growing in alt kinds of soll,-rich
limestoue soil, brash soll, sandy sol, description of boil that occurs in South hat
its Aloe or Alues, provided always that it as moth
as far as far 88 miy obvorvation extents,
where there are no roct
 such localties I atmbute the if theat mare plomenter
 urow in aldow iny desaription of soll, if it bo b
 a molerate-sized hole-say, frourst 1 poot to 1 on ment tuey are intending to plant); fill the ton rooks, allowigg some of them to projed pint the Hoc amonest the rocks, fixing is



 ctam, ned, for it may have denayd, and it
case it should be then up asean, and the
 then bra lave lun the sun for cseral dase fif
 nut 10 orsw that the plant sl juld be the hecul- It has dongel at than runt, for blate






 will soor be found that the plank will peoores, grow aganft. 1 the "ul tre or show from tho

 and reunla vinuly ui "hatur. They endure town
 mg north winl, anul styall, at otuer seasons on deluged w.th torrento of rain, for such is thema of the clinkate they , mhalot: Bat from the exater of their leaves and rint, there 13 no sumadion Aloc. for $111 r_{1} 12 y$ sf lwon, they extend brer fe branch wan m, miture, ant thas suply is
 the rlant ; asil from the store of molsturn
 nouri-liment, wh. In mppiy is obtaned from
shectlent leates oi the plant, whith then and attonuater 1
and attonuated , here be pronel or trimuth
 growits, slom, and if eff to themselves follage, whictl 1, ram an es elleot eontr

 Many of th dwarf sppcyes of sloes and
 other succulent flanlo, irn fust dasappearing for thas colantr rapidjy alti

CIIVHCIL HEGORTIO


 thin ty it, ehar lines. It is, that the mow asrenth.,

 an. $t+\Gamma$ tity rambinations are empluyed the
 betla: is. the larsm de onator

 lease, in not in simal tate $A$ celewtion of tho matalute
 (hys' is al hasa- lave a letter chect, not to men-
 hem it if fent o asions, in preference to the utplay tras al uphll any ome of
 ort of them inostolse mpumelion to tho Corinthe latter lo ert orersthus " decently and in to the Corinthians to tmaslation renders it ) "in a seemly or (as another
 order, nisut remre at remolirable 11 rme el form

 nor libir the? bean blll beformand wate in to be of ute

 thather rawnis, that there in an frequent
potont person to be fontal, prowselus the in comCompa, the influence and sid Hie 1 mimat in th Masertane the remonability of atermethitat the decorition of a charelu; for it so


 pro ee from the orderly and systematie workings of enot head, anl where any one member of a congre gation Lats dieplased suevh qualifications in the decorations of his or her owu the rest lor r molve up,ont une tral as the ir athout it the der rathon of the ir yhace of wrohll. and if ho chieftansuip until a better cant le found.
 C.I hat caluee that arohitootu

## Vi,om, in thetr defigy for

 carrohes, for floral deoora. dian, For instance, at certain elsewhere there might easily be arraur metts for theiny pote, made of the same woot as the news, antor a dwarf plant of Camall buyuet of flowers, pot of some elegant Grass. T'lie same contrivances at the foot of tho intly fixel (if ormamentally executed) pot-i lants of chmbers, such as the Passion-fuwers, surtuuaden : d_ain, in the carsung which so often
 keghtiz chore flswers from droopitug, as they too and lident in the country who have good gardeys, posesss conservatories murht do much for corit decorations, by growing plants especially for that purpose end while no person might eare to grow make his gar len too wuch like that of a nurears min jet by a combination amongst several parishioners to Eupply of it mage of that particular plant, ato amplo when it was intended to uned upnn the aneriz o 'iznon Erer ahthee
 Thiformity in the size of the liower-pots.
used for each kind of plant may sower-pots that are matter, but, nepertheless, one that would well repay neerl in attention to it. Where pot plants are to bo pote, beates which, unerg bodly to see different-sized in size of pots is more slze rif than anythrig elise to ensure unsformity in the 1. mise of the when fit for use

## 

rered band-barmow, in whirit

 if int the fnyage, of many a plant.
Plants interded in be used azain should not be kell in rhurches for a longer time than cav be helped, for injury, othera are much more succepthbio on this point

 hr : Ab ${ }^{3}$
 the petsat on : ratcl, a in leteardy rous, areat tan bit

 Whether mot or arownze Every zw-burner should he
 her Where, as is sume eaxs. thas eanmot be done


 chear out the foul ase and the heated uroduportint is. chear out the foul air and the heated produet of comir the jlants are to be left thero. Much caro ta noces ary in doing this on 8 frosty night, or the plants will take as muoh injury from the cold as they would have
done from the impure air. The object to be attained



 prefudnal natireneos
Theso remarks, allhonrla mado with reforence $t$,
 and chergrecits, whesh, by attention to the 113, can be made to keep, math frestier than would otnerwise be
the case, W.T?

## BOTTOM HE.IT.

11 i' wporrend att the Mancliater L'marcss. 1
As a nurscryman, I have found bolton-heat to be of the greatest use for all kinds of propagation, not only Cor stove, but even for hardy phants, a great many cut
hangs of whici cannot be made to root mithout it. The






 ther horier, it. fait Y ration, it ruts to my



 heat will in ther rezulyr fine fime charmise the be placel at anternde of of fet tart throunthant the


 (in) feet long, I put three jrime oas eal sule of the house D, in commman atiun w.th the heating chambers so that 10 winter air cat pass from the instide of the house amongst the roots of the plants, and when the borders are formed, outside proviston asn bo mede
ne) thit in ammar thm ran to 11, nhh 1h it 11 hen

 ulwordath diliser 1 .

## APRING lindmllir PIANTS.-No. I

## Allas, beedin.: "tal, corried on at a vary tratiog

 phate to butu with, hare Hal be hut hitle trouble to
 fous arequired on protert the itrm the frost, al the subjects beng harily, an l froo if zanut tho various riciasturtes ut our fiche chmate. there are, hroides purposus in a reneral wal, but wl hist, on Jocentint of herr beauty, mist mol le diserdent, hat a lathe found lor thems in the border, where the will be fually attructive. First and fore most amone theso bord plants must be mentioned the lley, la, a, as thry are of spring There rartinger or spring. There are many varieties, pink, blue, red, and double, as well as a very large fowored species from Tran only rula necessary to The

sille, whire tufs are par-
tinly shaded in the summor
but not in the winter and but not in the winter, and low this rule, and you will some of the most charming masces unarinable.
The double-11 , 45 roses and l'ulyantlored Primthe sime time, and will
best material for problecing bottom-heat for this purposo, and ior formarding yung thants after they have or a long tive and kives nut just such a zenial moist for a long tive, and kives out just sueh a kenial, moist like To keer up th.s gental lient, it is neoessars to urn orer the beds every tix weehn or so, and add a ittle fresh tan at each turming
The next best materials to tan are properly prepared duby and leases. but they require so much manage ment, and the hat 15 to changeable, that they are only adapted for a few plants, and require the oxervise of great, are. Inow come to bottom-heat for arme sul) ce and for thres frowing in borders, suct when the heat has not been properly applied, that the There has been a zoo 1 deal
There has been a good deal of controversy latels about mrowing carly Grapes Whhout bottorn-heat Niw, I maintain that sot cannot strike cutting of the Vine witheut it, R.c.ther can yom qrow

 the Vines whl wer themselves out. My experience
tells me that it is from the want of aufiont water that tells me that it is from the want of aufficiont water that
raisohief arises from the use of boftom-heat. I have been a victim from this very canse, for it is scarcely possible to make men of ordinary practice believe the
quantity of water that is required to sumply a borde where tare is bottom-heat, and in whinh the plant
are plantel nut, I nown ndopt the phan of messurna

 fo. t, pitans the gre it it $113 n^{+}$is when the 5 nes are woill susure arf ty with balls applim bottom-theat in the horder These would be falures. for an reards prtroues of lieat, nol 1 , and dryneas, we ahondif bi
at the mercy of the stoker and waterer in applying control, and capable of being conteyed to the roote of
surceed in $\pi$ smimar zatuation to the Hepaticas wf any diarence is male as io treatment, gire them phenty of manure there solthe cisery shaje of of creen ctuld annour theen, ant thes hiccls masses are in their cultivatinn. Therci- a Hallanamply repay ane of great mer tha. There a a Hamalazan species, the way of $P^{\text {mer }}$ deniculata, but mur ha more robuat in She way of $P$ dentretalata, but mu h more robuast in
 in helght, prons 1 -arouno.. in the ajuct birder and nhelght, grons a pollo. in the rikat birder, and P. cortusoides is another species adapted freat favourite P. cortusoides is another species adapted for the border abundance, and, if flanteli in a dahat anaiy aituation abundance, and, if wantel in a dahas wisy cituation, of the summer. Mnat of the other I'rmulas reyuire more rame than can be mien in the open border: thereore they shou,d be flu $\mathrm{C}-1$ 4arm the TO h" Th . Before

 D,ent helstra ape:tabilin 13 a aem of the first water, but it requires to be planted in \& sheltered spot, or its
delicate foliake will get injured by the early froste. deliagte foliake will getinjured by the early frosta.
For pot culture it is very valuable. Orobus vernus is sor charming lequminote plant; it forms nest bushes of
light greea foliage, which is smothered with its purpl
flowers early in the spring; there is a white-fowore





 !
the winter Aconite (Eranthis hyemalis). The latter hould by wo mea early flowers. some people say sit becomes a nuigazea ecaltered about, and come up all over tho garder It Wante planting where it will not be disturbed, and it will soon form a luxurisnt mass of great beaut rip one erandillorum, mother is 'T pendulum, those who plant them in menty of peat, and let them alone: the ithodnlendron bed, howerer, is the ine for them, has
their foliage will be slightly protected from the wind. There are a grent many others whach I could
mention, but spece will not permit; hovever, if the borders are well filled with these, and clumps of surh things as Arabis, Alyssutu, Iters, Saxifraga, Aubrutha,
Phlox, Silene, Saponaria, Gentiana, Myisot, and many thers which are adapted for beddms purjuser, a cherming picture will be secured. With such a collection no one would ever think of disomeding the perpinial plants of the present day. Lhet me now leave he bordern, and montion a fow as much as possible to thooo that can be permanently bedding. Arebis alpins fol. var, and A. albids fol. var, are too well known to need any comment, but ton much cannot be said of them for ceneral decorative purposes more especially during the winter and aprine montha In planting these I should leave s sptce botween the thinga sas Scilla bifolia, S. sibiricm, and othera. The sky. blue flowers of those just mentioned will formastriking contrast with the rich varied foliage of the Arabis do in this list of permanent edging flants
not thrive in all situtions. Aubrietis, purpures fol uniform in growth aud very livel in apnearance, and uniform in growth aud very lively 10 appearance, and
groups welf with alounst erery plant that ran to treed groups well with alunst erery plant that can be aved pactuma fol. var. is admirably adapted for edging pur poses; it it very vishre us in growth and boid in out
line, its variegation is very dinthet, and in my opinion
it is one of the beat hardy variegated plant it is one of the best inardy variegated plants in cultiva
tion. Ajug reptans atropurpurea is E useful variet the mnimon Bugle, only much more vigorous in growth: it forms a very unform mass of deep bronzy purple fohase, and it is a very etriking object, espe-
cially when grouped with plants of a light plensing foliage, or even with the variegated form of the common Ajugn
perennial, and deserves extensive cultivation. It forms
 is very useful for continnons lines, as it refuireg nn
trouble to keep it in its place, and has a ver, leasing fol. var. is another of this clase and very similar in cbarater to the preceding; its foliapo is of a dark green oolour wariegnted with yellow. Pyrethrna Parthe-
njum aureum, the Golden Fenther, munt mot be noxlected in a selection of this olasmeter; the plamina
 ins colours of the spring garden. There are ramerous others which migbe be mentionel for this turnowe
 Sempervivum ratiformarrm, tha incruateal hinds of Sazifracsa, beadea a goendy, array of hithons plonta
 plantal perminment tu twe do not depond npon thoir
 aluo be adrantujeondy azel it othar pratinns tale small circolar bed and niant elkar to the turf which will be considered the edz ng fart formenand plant Arabia a tuda fol vap. for the fourth row, plane

 suited for bedding, with their propemation, dividing perendial duration if $/ P$, Toftentian, and those o

## NPRINES,

Auoxe that clan of debth that zenerally comes under the catezory of musellaneous bulbs, there are none more worthy of attention and cultivation than million-firstly, berause of the ease with whint they can be cultivated, the little attention in the way of secondly and rominly, beraumen of the gorzenile charanter of the flowera, nmincol in umbellite heads of the piant rece, thes l harn ter But unlite nome of the notioe, becaueg than in additional chaim upon our ungainty folinge, nor have they an awtword bintrit to provoke an oriensive comparison : on the contrary, the time of 10 floresomes the giancous foliage is during the

 In s-inch int is sufflelent to provide the necessary fond for eht bulbs, which do not favour the sues of and have rewproml mmentions for good or ovil.
These bight bulhe nill anh produce on conpe, sud out
 to each seape. These frintid th ral in ituly will apsi, Trom 8 to 10 inches in dmmeter, acoordine to cuitivation. speoies of the genus in question is of the mon as Fothergian, for inatance, aro tiated as if with buras Fotherghat, for inatanoe, are brilliant the light the mere dazing 12 the effect, compoling on the part of The seapegrows to about double the lenythof the fuliaft, duotion of Nature. The brilliant solours are thmirably
relieved by the forest of stamene 4 thit their conspi.
cuoos bundles of white anthers whet. stand stifind cuoos bundles of White anthers whict. and stiff and
ereot projecting from ihe respective crutres of the
This is that helgatedng tha benuty of very faint por
trayal of this briltinnt Amprilid. And yes its merit sne not generaly knomb. Row often do we in the course
of our peregriantions note man. beautiful thipgs of our peregrinations note mang besutiful this -a plant, forsooth, that would delight the hearte and Hower-proclivities of thousands, withia the reach of take advantase of the privilege of growisg it, The Guernsey Lily (Nerine sarnienais) even slathough hardy in many parts of the country, buht bardy or nut available and plaztir in the hands of the rultiratere fo months of October an : Sovenily a the "n is gaginst the soow ling wiods and leaden aly that ofton previl. Opining thet no more seconablo tive could bit upon, I have rentured in atict thmattent: in of respective diatnets if such thing-1an lmest for nom the glant shoual be in the lument of theis int ircese on $n$ -restury well satisfied that their oyea will be frate! nil i, in nut publedy thankel, ohal be at 'enat arate.
 induced to trumprort a fow el hata mene to keo it would create 2 furore not second is importanos to
 f days patat.
There are half-n-dosen w cille: appeime that (hase
 more partucularly under the nitwe of gour rimiore will deseribe in mome measuro their characters. I am by
ao means olear that alt those which beat no means olen that all thowe which bear mpenifio mamen

pontion I havir ntined reapectiog ahetn $1:-21 . .2 \mid y$
 apeoter, and tuthat tin referted me vartetree to tho fint.

 of plant, and form of flower, which are nof ementialls


 not much largor than thononf the A tameco Lily ( $7_{\text {ophyr- }}$ clothes candidienimel Phr hirm 7m fietinm. hetms


 nutlint, to fte cogpomen indicater, ind if a onf flact
 objeck, foworitg month of tw atal than the N. sarnivent.

## 

 melen. Thn folumper of Noinn, minerad with hruwn boins recursed thowers, the segmense of the perimenth

 powerful is tha innatil ition of iton the h, a a jot an powerful is tha innstil irinn of the rar afy $n$ iteotion leares it rathins the radimentary buma fa pervect health, and that cwells muck faster into bulk of balls. The nower mapen are atrong, bat the mumbor of flowers 18 Dot proportionataly inergened. Individunlly thoy spe
of larger dimensiona than in any otber sort, but in sems to beabout the max'mum attanahin. the roinar sat


 compeers. The filiagn, a brand, nibiank, antipe, T zor uas curvifolis is accribed to $t$ t, but it in synonym.
of corese major (for rondors have seddom tions from the ono dearibed above, notitlyer dian beat constitution, but it in, meverthelen a most dis one of pale orange-scarlet onlour, the ofranize pred it its
la: lorgoly over the other huo, and reneraly gut

 making altogether a handwo.wer tlauáh by mid Nhow' ent umbel porfoof in outlino, arat emtely pond is a tranapum the tim bulb, and is eo tautibel 11p, tis lase a nautiad Ene
 in proportion them any of ther wh, at a rule, that was colonging, boing of 1.0 thent wisd cnmaty tree not gavdy, and when in perfectionsely at in whan from point of form quite the beas idosl of smede from



 $N$. Potbernilliii has bulba in point ol in at

 traflta*e, hat thery
the anme tat at timbe! + prear 1.


 wish buralshed sold. This is cortainly the mas off $t$ of the fromp, and Rrown with the pratest feek mean mild exmophere, will minimutas ampunt of tiog hri the onder of the dey. As hinted sump, the fandigain but bardy, ned therefore onl furtirets freboy a bul hardy, and theretore onf fyrmens aremy a

 ink period if over, leaf-limint n arid consmigral




 durimel the reatiog period in 7tlan loy with poudito or



 therribitirn it

Joome Eorresponvemer

[^38] sucoessfal in convincing some of jour readers
kind as to fupport country, until Dr. IIooker cr astances of the different qualities of the sume
shen grown under different circumstances, taken
is own experience grown under different circumstances, taken espondence on the subjeot. I am now glad to learn
Mr. Frost that the Deodar is promising to produoe aluable truber in England, and I should be very murh
obliged to Mr. Frost or anF other of tour correapondents $h$ hat are the particular qualitier, of the t.mber
tate one the Deodar produces in England, and also what Wheh the Deodar produces in Cngland, and also what athes Cedar, of the three the lastan, and the Mount hardicstin constitution, and the Deoder the least so. 30 far as I have been able to learn, this is so in Fork-
bire. It would be very interesting to learn what the pomparative value of the timber produced by the three in pices wher
Fairy Rikghend Fairy Rings, -I remember reading last year in the
Zereford T'mes an article of Mr. Jjees' on Fungi, but do not remember that he then ad vanced the theory nus, ithongh it seems that he does so now. In
oswing Mashrodms artifietaly, they penerally grow clusters, and it is customary with some to cut them With a knife. This is a bad practice, as it causes shrooms will grow there. Instead of cutting them hey should be pulled off by the hand, by which holo in the bed This hole ehould be filled with resh soil, and pressed hard, and Mushrooms will grow gain in the same spot. Now, a Fairy Ring commences ontends outwards the following year? Simply
areanuse the pabulum is used ip, and the
 oo the arowth of Fungi, fores' the fury is quinte oppowe made by the
 magno that
$\qquad$ resh soil and trodiden liard mate depth, inled in with spoi the ring Furtner, I believe that, by dighiog aduce the ring to grow inwards as hard, you could ind by following this up hring back well as out wharda, originated. I should like to hear what others have Voynd Honse, Abprqavenny.
Vine Roots - I should feel
our correspondents who feel greatly obliged if any of oot and branch action of the Vine, and are perfectly ouversant with its adaptability to ciroumstances, ould say from whence comes the copious flow of sap Grafting the Grape Vine.-If any of your corre pondents who may be interested in this mode of "Transaetions of the Horticultursl Society of
 me. I have frequently practised this method sucany other system of grafting or soo-called one year's growth
\[

$$
\begin{aligned}
& \text { on sho at be rine } \\
& \text { ithenper of the } \\
& \text { inchex in lenzth }
\end{aligned}
$$
\]

the s.ron should bo kept dormant till the thue I graftiogs To proped with the operation, the stock
hould be cleff about 24 or 3 inches down, paring and cippering off the insides of this cleft with the atmost ponding so that it may splice exactly with the oorre-
fiave too closely to the clove, but taking oare not to are stock The scion must then be inserted, and fith soft cay, ineised part should next be covered thm, whech must be kent should be rovered with Sphagte pinohed off, in order grown 10 inohos, its top should ander more ellective service to the scion, and as soon pan be completely cut off. It then follows, if this

perfect bunch; thus not only proving the
merits of a variety when desirable in one season, but have not read the artiole relerred to on this subject,
 budding of the Vine, ss practised by Mr. Stevens, is
cuite different from all the moles of insering ripened
buds on the stock whicin heve been alluded Which are neither more nor less than bud-graftiag. consists in takiag the bud from the fully developed but still leafy shoot towards autumn, paring 1 tolf with the nserting this in the stock exactly as in budding Peaches, and differing from Rose-budding only in the thus inserted, forms an union with the stock but emains dormant till spring, when it starts into grow th
The Weather in Scotland.-On
morning (Nov. 11) I Pound Hartinmas term egistering out-of-coors, 4 feet above the ground, $15^{\circ}$ With several inohes of snow lying on the ground. On the morning of the 10 th it had fallen to $28^{\circ}$, with a Soow fell uninterrupledly for five hours in Lanarkshire, which, as it sonuetimes does, intensified the cold
to the degree recorded above. To find the same
parallel of cold I require to look parallel of cold I require to look bank over regulariy accurately taken as by most olber observers - to
March 21 , 3867. Then the minimum was $11^{3}$, and on March 21,3867 . Then the minimum was $11^{2}$, and on date we have had no severe frosts in Sootland gener-
ally. Taking the present month with the viens of establishing a fairer parallel of cold, I find that we must go back to 1866 , when on the 10th, 19 th , and $19^{\prime}, 10^{\circ}, 15^{\circ}$, while if $\pi$ e tako the mornings of the 11th in 1860, 186i, 1809, and 1860 , they show the respective minima of $31^{\circ}, 42^{\circ}, 24^{\circ}$, and $15^{\circ}$. Hence it will be would appear, after all, that the influence of the Gul Stream is not all potent in rescuing us, at least, from unden variations of temperature. $\sqrt[3]{ } .4$
Farnham Castio Orchids - In answer to Professor Relchentbaca's query in your last Number respecting after flowering in 1853 . It was importad died soon with many new and interesting species of Orchids, from a savage locality near the herd waters of the Maranon, in reaching the port of embarkation, wand unon thers arrival in this country the contents were in an indescribable state of rottenness and confusion, conse-
quently many fine things were lost. Nono of the duently many fine thangs were lost. Nono of the
living plants hare clanged ouners since, that $I$ ama
aware of, so that they are extremely rare and valuable.
ocality from the P'eruvian side of the continent, if so We may expect many novelties, Brassia Lawrenciana
War. longissims in now in bloom herre. The steral cepals measure 10 g inches in length, and from their extremity The plant was Mr. Buller's, and is the same from Which the figure in the "Botanical taken. Copripedium cauratum, has talila 28 inches quant and curious appearance. I grow this species in the conl hobse, but ite variety roscum reguires more Cattleya maxiras: the bulbs are about a feet high, and the flower-spike is a foot in diametor, with nine fine flowers. The same plant has produced in former years is many ns 18 flowers on angle spike, and is
certainly a grand species, J. WF. Laurence, Gr., Farnham Casile.
Picea Pinsano
Picea Pinsapo,-I fully concur with Mr. Miller's opinion as to the desirability of clearing up so impor-
tant a matter as far as may be practicable; consetant a matter as far as may be practicable; conse-
quently I have made a re-investigation of the soil 10 which the Pirea is growing, but with little material results, excepting that it was found to be an a redium state as to moisture; also that I have subsequently Conat that many years prior to the introduction of this carth was added to the ground surrounding the spot in Which the tree in question is growing, for the purpose of extendiag the carriage drive, to which the tree is in
close proximity; consequently, there may be, as Mr Miller observes, something of a pernicious character lurkng in tha forengn additinn, sach as bits of
 of trces, ald of Conters experyally, sre shweep,
tible to Fungus inluence, I think it would
be wort of supererogation to prove, inameh be a wofl of supererogation to prove, inammoch as
there are innurnersble instances on record of the
baneful effecta of planting trees on sites where the old roots of pre-existing trees have not been grubbed up
sud if necessary, I conid instanoe two casies in parti cular at present existent in this neikhbourhood, bot iately stated in your columng respecting the influence o hc. (p. 1181.) la conclusion, allow me to add that il the Tulip tree, referred to by me at the same time lead to the supposition that zuything other than the pestilent parasite was the cause of the decay; unless it with something pernicious in the sotl, whicn I had 19 arranked as follows - Topesonl, about i: inchea deep,
the roots do not appear to have penetrated far, but the to ramify in the top, sool, chieflyy with decayad, appear of the Tulips tree. There is growng under yimilar
comditions a fine and healthy Sequoia sempervicens.

Erabis or Anbrietia, -The writer of your "Caleadar of Operations," rel'erring to the effective arraugement
of some flower-beds on the grassy banks of the Round Tower at Whadson, speaks of the employ nent of a
purple Arabis. He woukd muelh oblige a "Lover of Spriag Flowers" by giving the specific siatne of this very effective Arabis, Surh a plant has long been
sought for by growerz of spring flowers, and its gequisition would be haled with no inconsiderable pleasure. An Arabis called purpurea, and subsequently of rose is of the slightest. Arabis blepharophylla superba is really a rose-coloured Arabis. Has the general who marshals the flowers on the Castle bank (Pesce, perturbed shade of Sir Geoffrey Wyatville !) seoured a large stook of this novelty? and is this the Arabis referred to? or has your talented writor miaither ar Lower of pring Flowers
Judging Eelons at Kanburgh. I have to thank
Mr. Thomson for having thus far enlightened mo on the subject of Melon judging at Edinburgh. I am not or a failure. And certanuly the nunibers who exbibited on the occasion referred to (many of whom are or adoptinyasystem of judging oue season and changin it tho next. Whether right or wrong not to cut the fruit does not seem to bo so much the complaint, sa cutting them at one show, and learing them uncut at nother. It it had been known that colour and amell were to have been the standard of perfection, I beleve very different-looking lot of frut would have appeared the greatest amount of credit is due for such fine displays of horticultural skill, and they have a right to bo treated with common justice. Surely it is right that they should koov what is expected of thern have heard many of the leadtng horticulturists in I never heard one say a word in fapour of the met but which the merits of the Melons referred to were decided. It 19 generally acknowledged that better men as judges could not havo been found, but that is no

 dangerous companious, cannot make any suggestion on have none of their senses impaired. J. O. judge shonk

## Poreign Correspondence.

Horxiculture at Cannes.-The only garden at Cannes which I had time to visit was that of the Duc de
Vallombrosa, situated towards the western extremity of the town. The grounds are bonnded on one side by the steep rocky bank of a stream, which in time of rain may be coplous enough, but wanch is usually a suanty nteriag from the lowing in a broad stony bed On enteriag from the main road by a handsome lodge, a ne broad waik conguets through a thecket of Olive deacia and Eucalyptus along a gentle ascent in the partially sheltered, by them are some noble speoimen partially sheltered, by them are some noble specimens of Musa Ensete, producing a line effect with the other vegetation. Diverging to the left is a small collestion a bowrer or tent composed of woody climbers of phich Hexacentris nccinea, an Acanthad from Nepal, jus now in full flower, 15 the most remarikable. Laoh flower, when pressed, exudes two or three drops of Water, baving a pure, non-saccharine taste. Near this arbour are specrmens of Musa Cavendishi, one of too, as in many other parts of the cronnds, were some noble plants of Aralua papyrifora, inrowing out ureat
diverging flower-stems, also 13 anh which I had not before seen 10 out foner cuatitation,
 Wich the garjen 18 so furtunato tas to possess. Tanis remunds me to observe that wrater-that indisponsable
condition for vigorous vegetation on thas const-is condition in the beantifeg grounds of this chat-is
plentifal in
entering them at so great an elevation that even the ontering tiem at so great an el
highest terracos obtain asupply.
Near one of the jots drace of

warmer at t level of 20 - 50 feet above the surfano than




 So minsee wilire, whiner the the tifecte.
or more were thus atfected. Suray thon alluded to a 1 ochlar beotle
 widely diverse eountries. On this subject we nasur shorily yable
Wh antrood.

Dr. Masters, on the part of the sub-gommittee appointod to wateh the progress of tho plants in the experimental ground at Chaswiek, exhibited a sertes of diagrams showing in a graphic forni the relative degrees of vigour exbubited by the plants at the various dates of observation, and the fluctuations in
 the entire periol of oheorvation, at. I the flut tratwhis in the iutervals between each separate observation. laid on the table, and will orobably form portion of a full report at some future time.
The most striking results shown in the diveratze nerc an follown -In linvot crery cose the plants in the unmanureal

 sigril in the chae, if the Clovera, A striking contrant wha
| 'xialiter in the clso of almost all the 12 aeparete kinda of



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sinal... .aut

ren and ammonia ra
 of what to avoid in the coming year, than for any immediate the at presest. Thesml mile llse of wav tolifer The contrastmz conditions alluded to by Dr. Masters of ditusion of the seseral matte, ant the range of the oote. Nitrate of sodz was distributed mith great roots. Nitrite of soda was thate gmmonis salt wert conyortod into nitrates before aboorption by the plant, and were thus distributed ath 2 Hewer depth. Dr. Yoelcker corrobonted Dr. Gilbert as to the neeossity of caution in drawing general inferenoes from this season's experi-
ments, and advised that in future the plants should be ments, and ads, an as to be move und r rontral, and lew

that a thermometer should be ingerted into each of the - boxes. These thermometers, moreover, should be made with grest care, and the meroury in all should bo derired from the same source, so as to secure uni-
formity of expansion. formity of expansion.
A report from Mr. Barron on various experimenta that havo been carried on as to grafting on variou stooks Whs then read. The results had been Fery Faried, and were of a very interesting character. Its
those cases where failure had resulted the want of success was attributed to one or more of the following causes - Imperfection in the mode of operating; the too advanced condition of the stocks or of the buds befors the operation; the want of correspondence in goint of time between the growth of stork and sion, de. This report will he phblished on fonso.
 Dr. Innoker, relatang to the milture of ilnew, was they chad, an abstrut of whach appears at $n 120$. Than country in which Alons grew was serviceablo in wr venting exgessive or long-continued moisture. IIc Ha ascortained from Mr. Cooper that many of 1 .


 tempere
A report from 3 Ir Moore on the experimenta criries
 to asterthin the etles of the manures on the coloration of the lesves and the produation of flowers was then read. The following is an abstract from Mr. Moners report: $=$
It the sageabion of Mojor Trevor Clarike sumo expuri








A lengtay enmmmalcal.on on the malor nerretney Dr Minters cxhibited, on the pard dy about samper soll itl which there was ato been put oll ho tow the surface. thay the praition of the lime hene th the He advanced this vien in oprom toon 1) arwin, who attributes analar eflectu worms. Dr. Voolokge remarked tha was alwa
dru'rinetl
Floral Committee - qua Rov. J Dires解 a size torin the other, wheta was atheli pater in coloar India and Ahysmered (isleus barbatus a thative of noticej. Meisis Stead and A Conysminta, was then noticed. Mesition of hardy evergreen shimbs next cana under review. It was atated that podo carpus roriacea and Reliouspora obt lan were bardy Abies japonies. Hort that at wos rork han hlree ba recommendations cousisting in tho elegant hab, t Bhairman then oallod attention to the grea
pose the shrubs should begrown in pote, end be phomers reception. In this way an interavtins display thel oe iusle in luluon, nter If. relerenze to tho I) anlia Ar. Saualers ritel that the great ubje tara to ate case its side har beed obnged to place the plant nearly on its being house not being high enoush to admit of overcon mrown iptight, this objection had been pathe by ur. Alfred salier, who had succeeded in for the a shoot of the Imperial Dahlia on a tuber of on tho inputian varieties (seen 118.) Masers yatoth apecimen of Oncidum Rogersii was then alluded to boug wortby or extended cultivation on account oriliant colour.
 an the char there was large attendance of membe 1 ma Rov M J. Parlcolor exhibird
Whiok the onter rind was complotelot buthe Walnuts, relled by frost the nut in the interior boing unad slart Mr. Gluisher renarked the intarior being unaffected rature of the atmoaphere who nowally congiderably

 'rovineew, only two orcur rarely and lowally in th.



 1, thaluya the famal Hen in mambrer


 hi of irsemone beesteana, are grean by way of
ans
"The freguency of Fecus relgiosa and F. imdima depen is very much on the proportion of Jindianamong simost entirely Mussulman, theno irees are very rape simositenuresg Mussuman, hime inse are very rare, C.m.



 have fourut it south i flest f lace.
 dited, and the meat mat or centameal properthes of the plants are mentionit, mitit quotations ani 1 refor ences tho the varions anthurs whore wril mes laze hem




 of pan per cent in aboat iof jears ithe namo rejort sisera kood actorint of it. cultivation, is. Is kenorally grown in rath serizated ato 1
The mudustry and laveati of Ir. Stewart have thase enabled Lum to preent a mise of new bart ellare and we are ma remorel with tha prekreas which the British Government hat made withon the last fex years in




$12 r y$
yHto
Northern Iplis aniform in mive and type vith the series of Colonian Flores, und that Dr. Stewnth has been eval knowledze uluaify ham to turn to gorit a count he vayt maternds available at liew and ensewhere for this purpuent

## Floristg' Flowert.

 the L'Lintirutus, appeara juat now to be in the fill swint of ite improvement Unlike many other thas country and in France, and between thy ra, serg on both sides it is not unreazonable to exprect some. thang gool; and something gerol does reris nty put in appearance year hy year. I ain not quitn eartann 11a of florista' flowers, as it would appear that the florrot- in Is and 3o yeare aton qave it the cold shomber, an whise they waxed mushty in worl and deed about Pinks, Pansres, Sc., had not a word to say ahout the astonishment I made the disocovery that in the whole of the 15 volumes of the first series of the "Fimrist,' for 1unts, whell Mr. Houlston gave deacriptive notes of some $\%, \mathrm{k}$ muls sultivated at Kev, and of these 23 were speceles, two varleties of $p$ pentiannidea, and one only uf J. Ifartuemil fint the results of laker jeare have amply atomed for the atrarent flortoming

 ben collucid tue hal both at Edinburgh and at stanstoad Park, Forest Eull, a betoh of seedings 19 every year ralsod, though the
greateat sucess filf to the lot of Mr. Laing. It may greateat suocess fals to the lot of Mr. Laing. It may bas bloomed for the turst time during the sumatir at
the Stanstead Park nurseries. There are many attrs. ive features about a murwery of thas charmoter where









[^39]well defined flowers of the finert form, end very prolly. Black l'ra $e$, very dark elatrat tube whis





 rill benme lare white tum fhimer. - le. of tie luoot




 the, nout and whomy Mre ('roor, btazhat pase rime white throat, with thans lines of deen rons cramoun large and fine Pasted Iads, clear rose, striped and blotched round the minuth with crumwon, very bine








 white throat, cers plemes an I nosel. sunriae, pale wit rovy criment, with whit throm, very pretiy and





of sis 1 whdir flosers, fritus Conturental anil ling wh, the foll wing dometse to le remordiad to farimhere


 mie of the ser:



 pleasing, and Lady Hay, deep bright searlat, very Yery good indead.
In the ensentiaim of novelty, form, and hnbit, tho解 presence of blue, in the singalarly pretty and chaste pile roize and pink flowers, and in the prow Tim of botches and spots on the interior of the thront. Whe the


 narrow nor too nopen. in ralaion to its darmater Ia rurely ne we have obtamed a dwarf growiti in the

 A few of the prisemt rear's memdinex have reme with a fewarkably dwarf habit, and an a Tom Thumb race of Plenistemon, is apparemily not rery far distant Gomn of the J'ent to terons have krown talf in 3 foult, ko the sf warf-grow ne ty po is ats the more welcome.
The pronazatinn of the l'entutemon is a very eacy and are process. Cuttings should be taken in August and put in a propured helun a cold pit, where they soon
root, and by (yn-nber hewotue nice joung nlant- Asan uviriable rule they kepp, beat in the frame during the winter, and they can be planted nut in their hloming
quarice carly in the sprint Jow grandly ant inn



 You. has enough to piace the pans in a cola irame. Young plants so ralsed cond be planted out in the autumn, as they invariably otand well at this stage of ing can also be made in February io heat, allowing the need to be almost on the surfece of the soil: the plant saon appear. They should bo pricked off into boxed
when larga onough, alloming them rom to kraw, and
 The scung phant, realy t) forde the the r hil comang
 minuinidx of (he beait if

Miscellanequs.



set apart for the purpose, and, being gaily decorated, had a very cheerful appearance,
commenced with adinner at six oclock, and later or in commenced with a dinder at six oclock, and ator on of the time was occupied with vocal and instrumental music by those emploged on the establishment. The principals, with members of the tr fambies, were present the whole of the evensng. The company separated at ten o'clock, highly gratified with the social intercourse enjoyed, Reading Paper
Coal Plants.-The aspect of the abundant fossil known as Calamites was very different from that of the other plants associated with it, and of any tree in our forests; but it exhibited at that early period of the earth's history the form and appearance of one of our humble marsh plants, sheoth stem, marked on the lower had a tall, slender, smoos of pits from which branches had fallen. The branches were given off at intervals had fallen. The branches were given off at intervals branched in the same way. The leaves were needle or wedge-shaped, and arranged as bo manches, and acreed in "as borne at the en sol the oranches, ar tho Iorsetail. World of Wonders.
hehotropes as Conservatory Climbers.-In the summer of 1807 I cound a plant of tH. peruvianum had taken possession of a corner in a Peach pit; it grew at and furnished an immense supply of cut flowers This plant had been aculdentally raised from seed, or some stuall cutting had boen inserted between the stonework and soll in the pit. Every gardener knows the value of Helootrope flowers, both for colour and perfume, in mixed bouquets or for decorative purposes. The plant is now a large bush, and might have been 3 or $\ddagger$ feet in hright had it not been cut in so much for the tlowers.
W'here room can be spared for it, there is no plant that I know of more wortliy than the Heliotrope of being planted out either as a chrmber or bush in the greenhouse of conservatory. The surprisidg growth sud beauty of the plant is never seen when grown in a set thes ats preteusions before at arrives at any greath size William Tillery, in "Florist and Pomologist."

## Obituary.

At Sydenham Nursery, Keleo, on the 11th inst., Mr II bNBY TAIT, for 36 years nurseryman and seedsman in that town.

## crarden operations.

## (For the ensuing toeek.)

## PLANT HOUSES.

Irv conneation with plant culture there is a simple practice, which is generally of far greater importance
 and other strurtures,
may be advanitrgeously used to the bonotit of all sides of the plants allke. Such facts aro well known by those who grow the best of our showy Now Holland
plants into fine specimens, but are often entirely overplants into fine specimens, but are often entirely over-
looked by less pretentious oultivators. Again, softwooded plants and such as are very sucoulent, form much finer plants in far less time when turned round, siy once a Week, than others which are left to take Vators are a ware how very much simply shifting a pot plant from one place to another is conducive to drying the above remark, to say notbing of the good accruing to each plant by a uniform exposure of all its upper parts. If we have the means-and they are within our reach is above shomn-of causing the roots to require fresh water a liftle oftener than is therr wont at this dood onward growthe have a powerful incentive to a These facts are particularly useful in regard to Conerarias, Primulas, and the like, then in full growth. according to the treatment they receive so in propor$t$ on will be their fineness. A nice amount of bottom-
heat, and a little weak guano-water applied to the
roota will greatly assist them, end should by all means roots will greatly assist them, and should by all means
bo afrorded if possibie, together wrth frequent damp-
inge ower-head with a syringa or fine-rosed water-pot

## Tarly foren Finencice housiss.

 if proper attention has been pad them, now be pushmg luto growtit. Great care sial theroline le peces-
sory not to lct the temperatire by ntht exieed a moderate and safe maxtmum More harm la likely to arcrue to them through mattention to this matter
than from most other causes than from most other causes. It is perbaps needless
fior me to observe, that nizist the heat should never be Mor me to abserve, that nimist the beat should never be
permitted to fall below temperate ( $\bar{u}{ }^{\prime}$ ), both in regard to Vines sand all other subjects which are assumin the young leaf at this period, set a fer degrees above it may be safely admissible. I would therefore fix 58 as beine the nearest approach, at, such a juvcture, to a may be pecessary mean. By day some 2 - or is rise a moderate supply of fresly air tyith a further woren of $8^{\circ}$ to $10^{\circ}$ should bright suoshine diffurs its warmenth. roote, and indirection in moisture, both directly to the roote, and indirectily in the form of moist vapour for conformity with the rise of be afforded constantly in conformity with the rise of the temperature. Gently Wtart the recond early Fineries (doubtless the first during cold Feather. Begin with an artificial tem-
perature of $16^{\circ}$ by night, with an increase of $4^{\prime \prime}$, or
, ${ }^{0}$ when the external weather is mild and less forced. I have hefore alluded to the great advantage of having a heap of fermeating materlals placed in the house at the starting time; the moderate ammunt of warm teuds greatly to soften the caucs, "in "breaking," as the operation is sty led in garlening phraseolozy Inde-
pendentig of wiat $I$ have already sad in rerard to out pendently of wiat have already gaida ang rorders, it may be well to suggost that of the third house sbould have a thorough good coverlag of protecting materisls placed upon it to keep ou frost. Various means will suggest themselves, shar the
bracken Fera, which is one of the best materials for purpose when attainable. In respect to the early Peach and Nectarine-houses, which I intimated leat week might be started by thas time, I mgy state that be regards the temperature proper, from tomperature, with a day one of from $\breve{0^{\circ}}$ to $Ј د^{\prime}$ I also suggested last week
the desirability of once damping the young wood, to induce a more ready activity in tho bude. Pusa forkeen them scrupulously clean, as it is upon a yery strict application of this simple practice that freedom from a variety of evils is assured some few months hence. Prepare some pits or frames in which to plant successional beds of Asparagus lor the time of planting, and especially is it necessary that the soil should be firmly pressed around each root when the cromns are planted in the bedg. Place a few pots of Carragon invo of young growths may bo obtained when that which is now in use is finished. It seems somewhat early is now in use is finished. It seems somewhat early but I may here state suggestively that fine lambs, by the hut 1 may here stato suggestive ny that exist in this neighbourhood (Herts).

## hardy fiomer garden

If there is one season of the year when our old avourite flower, the Auricula, needs mure attention tro or three months. Remove every form of decay from around the stems, and indeed from the frame or pit containing them, immedrately it is dusernible, and keep everything about them as fresh and swcet as is possible. Abundance of air should nlways be freely admitted on proper occasions, consistently with salety from frosts severe enough to harm them. Hardy Annuats, which were sown some weexs since,
such as Nemophlas, Limnanthes, and other varreties, such as Nemophlas, Limmanhes, ard, should now be somewhat succulent, in therr nature, shouk in the nicely thinmed out, otherwise fuctuations in the weather will causo them, when grown wo thickly, to
rot or damp ofl, and thereby cause vacant or patchy rot or damp off, and thereby cause vacant or patchy
places in the beds. Sometimes good show varieties of places in the beds. Sometimes pood show varieties of guharly at this season In all such instances the buds should be tuken carefully out of the hearts whio yet growth. othersise, if left to deve foll thembelves, thoy prevent the plants from makioy a full and tine display
in tue early spring. Where alterations of any form are in contemplation in this department, they may be freely entered on now, during mild and convenient periods, as trees and grass, \&c, may be removed with perfect immunity from risks of any sort.

## hardy fruit garden.

I need add little under this heading to my suggestions of last week. Do not, however, delay longer the placing of a moderate mulching of manure over the roots of all recently planted trees, including those which were transplanted in exposed situations last autumn : as it is more than probable that many of tho youngroots exist very near the surface. Those who meditate taking dwarf pyramidal fruit trees up this season, or the purpose of pruming their roots, may liketvise choose tho first favourable opportunity for so doing. In all cases where this is done, attend to the proper staking of them as a protection against high winds, even if it be but to steady them against a slight ogchljation only, as much injury may be doae to the roots near to the collar of the trees.

## KITCHBN GARDES

Appearances at the time of writing seem to foretell a domewhat rainy period; hence it may not be possible to do much upon the kround in this departmeut. There is ample work, however, to fetch up in the mather of
diggiag vacant spaces in the mannerdescribed last welk. As soon an the preen foliage esn be asfely removed from
Seakale, there may be ap pots placed over some of a nice zentle warmith be insured or the sdded, so that in slisht aradations until a fair maximum of from $90^{2}$ operate. 1 ard for a fatis in view of forcing the stools so operatch ond for an supply at an early date. The same to force it in the

## TOWN GARDENING.

Those plants that have been stored away in frames be at once remored over. All the dead leaves should fited if themoved, and the plants will be much beneround the soil is stirred a little, and the pots turned round. At all times when the weather is fine the winds they should be ofent but when it is wet, fog又y, or ilted at the apex. Should the weather turn frosty Cover the frames up with mata, lonse litter, \&o. The Melletorus niger, or Christmas Rose, a useful and oovered with is hand-glass, which should be st once placed over it, and be slightly tilted. Aoother plant which flowers about the same time, and 1 s , moreover sweet-sconted, is the Tussilogo fragrans, which likemise requires a little similar proteotion to flower


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Notices to Correspondents

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ERBERT To the Wholesale trade [ ERBERT H, NICBOLSON, SERDOROWER, Great


CURELED PAUSLEY
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## The agricultutal Gazctte.

SATURDA $Y$, NOVEMBER 20, 1869.
Fursery Btock fone of the Largent in Bcotind)





  <br>

Ties annual roport of experience on a sewaged farm which has mow for some yeara apparml with reference to the I rige Farm, Barking, has just been mublished. The farm has for the last two yeare bran under the direction of the IIon. Henkr 11 . Mrire, and his saccount of the period of has own mate mmmediate reaponsibility is all the mura atafontory and complete hocause. having been one of the board of directorn from the formation of tho Metropolitan Sowage Company, he has rhated in the direction and responstiblity of the farm managoment since the boginming of the tenancy. As our readers know, Lodge E'arm is porme 200 ecres of light and, for the most part, gravelly soil, just outside the market-gardon limits on the east side of London, About 300,000 tons per anmam the ahape of manure, have been used upon this
 stook of cows has been kept, very large stock during the first two years-and they have received yuantities of grain and meal, in addition to the mamuer has bern either aed or used arlely on that part of the farm. to which errorige was mot aupplict. Them anm st at ?nf arpes on wheh none of that matare has been applial, and theso 80 or 90 serem are on the ponsent sulde of the farm. where the grasel how warnat to tho surface. This poor land has beent dept hdant on 4ntwage only now for four years, viome of it, in particular a field of about 13 acres, han borna grain crops for three years in succession; the rest of it has borne Mangel Wurzel, Potatos, Cabbagn, and Grass. Finormons cropy of Grasa lise bion poducme -very large crops of b'otatos and 1 abluages, and the henriest cropis of Mangel Wurrel. as, indeed, is testified by Mr. Moni in's letter, given bolow, have bern produced: and the land is not impovershed by this exhaustive produce (for the whole is sold or carried away), bet is wonderfully enriched. In particular instances the very heavieet growth of Oats has been grown with no dressing whatever-not even sewage-after 50 or 60 tons of Grass per acre during the previous year had been cut of the land and taken away; and upwards of 40 tons per acre of Mangel Wurzel, receiving three dressings of sowage, have bean grown under similar circum-
stances. imposaible to doubt that Lodge Farm must ultimately give confidence to those who would speculate on the valne of town sewage. It is iufluencing opinion and practice in its ammoultimately come to bo believed to br, so we rannot douht that the experincea whinch ia your
b,y yar being realised on tha amall Hage farm will ultimately convince, not only farmors, but ettizena-for they are both intereatend in thoir several mays in the ralun of town snwage that work.

The change 11 public opibion which we thus foresiel, will be due in no small flygree to
Milford Nurserios, near Cootniming, Surta)
of hin own management. For the tho romult we refer the maneder to his For the foll details We rofer the reader to his pamphlm."
Win may, howrever, mention here that in womes has helded 1500 tons of Grant in 1800-that th. Fi, woo hes been found earvicable, not whity than. That $4\{$ acres of Wheat which yielded from
 in lstio, have this year, owing to a H.l.t ressin, sielded from sewage only 18 : irtis-lhat is acres of Barley and Whent have $3 i, 1$ hnmenthat yielded $26 \frac{1}{2}$ quartars-that 2 acres of Uata hare vielded 22 quartera of grain-that Carrota,

 luve yielded abundantly, in avery lane from sowago ouly ; and that hangel 11 ire law inen most euccesaful-and that in all these canes the reault has beon obtained from woil which has rectived only sownen, most of it now for four groconive jears. The following is s anmany . sufficiont to rouder highly proilucturo 180 hare hem Ifodgo Ferm. Of thin quantity 58 scres have beom in
 Towngo, and more than 60 acree havo hed two oroph in the year. The value of the crapos in the ernst incown with the 380,000 tona of swwawe is arer 3 , 2Movil. As a sperlmen of the raprdity with which crops ean follow each other wilh the a. I of menate, I may anviance a firld of l'otates wluel) was planked in l'thruars with farmmantare and dug durina dune and Infy A than the very hot weather the plants were well satahlislime Thin crop will be ole ered by Nuserutber, in time for Whent, yolding notless than $2 u i$ nete prr acre A plot of oxhausted Rye-gran, which had boen cut four times since January, war ploughed up in July and nown with ber, giving 10l, fiett per acre. It may bo aid that this gucression of cropn is attainablo without the aid of
 of wage. No douttit in under farourable cincummataod adventage of the semage lies in the fect that the more unfavourable the weather for the ordinary mode of unfavourable the weather for the orditary mode of
cultivation, the more cortian the revality from the uee of nowne., ${ }^{3}$

Mr. Preat is not aingular in the regret which he expreases in the last centence of his pamphlet, acres (muck in neat of it) in the bigheat derme productive, should be stili running to waste into the Thames, as if it were somethlag to bo got rid of atany seon in ar antar is being importod from Peru and elsewhere, at bn enormous annual coat."

Tur sublect of exंcessive game proservation Tas discusfed tber nther day beforn the leicertor Thamber of $A$ graculture. who resoisell, upon the nution of Mr. Jink-l|le,
"That the orer-preverration of ground game is frulught with pouch minolief; serioully teads is duminigh the profite of the nectapier of the sorl, wends to increase crime in the rarsl districts, and dimiash the food available for the supply of the population of this conntry; and thas the tome has come when the on the Geme Lews, and that in any lege vation hereon, ground gate should bo struck out of the category
Most of these propositions warn strinuously daputed and denitil hy I ond lipactirn ; hat his loridnipis amendment, to the affect that the muljoct wes not one for legiliatuon, and must be loft to mutual arrangement betwen landlord and tenant, was not accopted by the meoting. It is worth while, however, placing on record here that portion of Tard Braspras spesch, in which the case is stated, to use his own word, "fairly ! "
"He (Lord BrRERES) Was opposed to the overpreservation of geme; but he never was called upon to pey a single penny for datnage. Game was one of the Want his shooting, inatantly a man. would sive him look for the partidge shooting in Bopherber. baronet beve him 100 , or his partridge nhooting in
 ityear, simply for kame. La all hy experience in tho a valuer who consideration
 it porat wo mill of the ground game earls, all laftar that
 Bewar
Eenr
turned on to a piece of Swedes, and remarked at the time that the tenant would come at Christmas, and say 'See how the Swedes have been eated hy the pame (Cries of 'Ou, oh'' and a voice. 'Il's false.') He was
telling them a fact. He would tell themanother case telling them a fact. He would tell themanother case: a great deal of mischici. ITe said, "Will you show it me?" and they went into a field next tho stackyard,
and foutad the Swedes very nuoh bitten IIe (Lord and foutad the Swedes very much bitten He (Lord
Berrisis, turned round and sad, "Just look here you tell me the liarex liswo eatun these; there is searcely Turnip-top but what rath have been at. 3 ou lasve not
 will tahe met tu the cover sirte where, there are Hill n 500 hares, ind show me $\overline{s . s .}$. worth of damage done, I will
pay it you. LIe took bim round the farm, and saifl, pay it you' LIe took bim round the farm, and said,
Now show me os. Worth of damage, and he (tho tenant) said he could not. He asked the man why be had not taken up his Swedes, and he replied that they were caught by the frost or he should have done so. He coull not point olt any damage He (Lord Berarrrs) simply sad, what he be rall with, that lio question
shoull be ore of arreement between landlurd and temant. passionately find of sport niz there adjoluing his house, the land of which was miserably bad, and the temante had hardly cultivated it, and at one time did not cultivate it at all-it was all given up to game. That was what the landlord chose to do with owe andord could do just as he liked with his own, aud be gave upt that on game and took no rent, on all occasions that people should look on that question fairly!

Trfe question as to drainage, whether 3 feet is an efficient or a sufferent depth at wheh to lay tho chamel through which tho otherwiso stagnant water of the soil and subsoil is to press 2ts way wat of tha fichl, and thus establist that current within there substance on which fertulity in mo many ways depends,-this question seems not to have oxeited nuluch interest of late among our correspondents. Ruisca by a memorandum
from Mr. C. Pacier, of Tuddengton Grange, Nottingham, and since referred to by ono or two, we had hoped that before winter drainage should have commenced we might hate known from mon in all parts of the country what the experience in rarious soils has been of not too late for such a record of experience to be immediately serviccable, and wo venture again to recommend the subject as one to which our correspondents might most usefully address themselves.
 porsonur, chozker, lut a fetater, firtuliser, deopaner of tho anil, Wo profer the deener and even tho sufficiency of the shallower, is worth recording, and we shall be glad to receive it. Meanwhile, for those of our readers who are disposed to tako the Iatter view-biassed, perhaps, by the mpression that by drainage they ought to seel the cheupest way of getting rid of water-let us state the case once more, employing for the purpose the words of our excellent correspondent, Mr. D. T. Fisir, which ho used the other day in a most saggestive speoch before the Iavenham Farmers' Olub:-

You lonk upon water as a thing to be got rid of in the easinst manner. l'or year after year you allowed it to water-log jour land until it
was licked up by the sun, or dianissed into was licked up by the sun, or dismissed into the
neareat ditch. By deep and thorough drainage neareat ditch. By deep and thorough drainage
the land is ernverted into a sieve. The ranwater falla upon the earth freightel with car-
bonic acd gas and aminonia. It is robbed the valuable essenco in its passage, and disminsud
from yonr deep drains pure. More than this,
 sage of water and presenco of air livin the pas of the sma with them, and thus thin rough in an ame unickons tho carth with wamen aral ennu hro it with pasny at thu same time. Then why should these soil-formugg processes be arrestad at a depth of 6 or 8 inches from the surfece? To look into the bottom of your furrows, one would suppose that fou farmers trere all devoted worshippers of the god Pan - not, indeed, the noetical deity of the shepherds, but that most impenetrable crust Years ago, gardenera sent then of shorn fimples fears ago, gardencra went themp shorp simatry depth and productire porver of the carth. Other conditions of climate aud yuality beiner tho same, ratio of its masower of the soni is in the direct does not want more land is not one of you that
sons. I will tell you how to get it without any incroase of rent or taxes-go deoper down for it. Steam has familiarised us with tho term horeepower. Now I wish to apply a sumilar mode of reckoning to the land. Its powtr of production examining your tilths we cam tell whether your farm is \& $4,6,8,10,12,14,16$, or 18 -inoh power furm. Every inch you add to your depth mucking this deep tilth, such results as Mr. Meriir has brought before us may readily be reached, and the arorage produco of the
be raised from $3 l$. or 47 . to $20 l$. per acre."

- AT Mark Lane and throughout the country the forcign $2 s$, por quarter. The quotations now show that at Mark Lane even, where the most inferior Irophed to 3ot sent. pricea for thits rear's growth have
barley is 1s. por, ofr. cheaper, pat bushel ordinary feeding-stuff at last weok's prices. With the large supply of 4,483 beasts, on Monday at the Metropolitan narket, there was a good demand for all the prime qualities, and the high fprice of 58, 8d. per stope was maintained. Sheep, were in brisk demand, at 5s. 10d. on Thursday. The agricuitural seed trade with the exception of a specelative demand for White Clover seed, is in a very quiet state. - Eoglish wool stitl stands at previous low prices.
M.P., just as wo zo to press from Mr. C. S. Read, M.P., juse as we go to press. It relates to a subjec
mooted some wreks ago by a corresnondent reoted some weeks ago by a correspondent - If Gazette a fery weeks since asked for information on tho best mode of proventing hillocks of ses sand from blowIng. Ihopod that some one bet ter qualified than I am to offer advire would have anassered the question, but as no ono las spoken. I will give the result of mysmalt, experience. Plant the hills over with large patches of
the Sesmat weed or Sodre (Arundo arenaria) it will pread its lateral roots quickly, and do much to stop the sand from moving. Anywhere on the west coast of Eagland or in Treland, Grass will in a short time spring up with the Sedge, and when the (rases produces resently die out Rabbits must bo exterminated they should be everywhere else, save in warrens. Itheir continual scratelling expoces the fresh sand to the action of the wind, and cfectually prevents the Sedge fronl growing.'

An important meeting on the Transit of Cattle Miss subject to which the interest and interference of buted to direct public attention, was held last week at Peterborough. After a rery instrustive and emergetic adrew by Mr. Wallese, Seoretary of the Home nero a ionte thy the Chamber of Agriculture:-
Whioh their view have bean asked by the Privy Council, ihey are of cyininn that their suggoations should be conenned to
the siuple cucstion- How a suficlant suply Grater may be providod for all snimals oarried by railway in 2. That they consider tlemselves precluded from offering animais, helding as they fo mone strungly than crer the ${ }^{\text {port }}$ " 3 . That Thitg will be advisable in any future legisiation compel rafiway companies to improve the construction of
 cattle."

The following lettor, referring incidentally to dismusied last Magel planerthers cause of the very strikiog testimony which it contains to the servicableness of town sowrage as the sold manure is more likely to frowth. Dry and runnina of a biennal plant to seed, than a manure disolved in water, which tends to develop leaf and Sipwaye Company, writen an follows from Metropolts Burke Company, write ay follows from Indge Farm, Gazette, that Messrs. Sr TroN's Mangel Reeds had
grown fine roota, and that the crop had net rut oxperience on 4 aores of Mangels, under run. Our with the observation made by Mr. ANDREWS. The of $r$ well covered an the roots close, and the the land other farms. I wery imall, if compres l withe crops on mation, that the same seed ie, a for inforinto the land on a difterent part of the procured, put had farmyard manure, and wart of the farm, which sewage irrigation, did produce runners in avernar the belief that has been prese rather confirms namely, that if the been previously expressed, ands not run. The same seed planted moist factory aise Creek so selpaged presented a like satisfactory appearance, and the contrast which it preit, and wheln thres of
Tery markoil. In contrast.ng the tion cerof of of Mnsely of each crop. That taken off the land uader sewrive taken of the other land (10) acires), which tons. That

experiment) at $4 l$, an acre per 4019 ys in
pood dressings, and when their lind it loss sewage than that which they recoin ind
for them better crops."

OLR LIVE STOCK
Mr. STRAFFORD has advertised tho
Shorthorns at Shobnell Grance tor been long and carefully bred by ite preand J. Meakin, and representa some of the mas strains of blood. The 40 animale co offered to the public on the doth of next en it

That serions ohanges aro perdingan subject. There is nothing imposalile, indefnito lenorth of time, and now thylow and commercial speculators have process to perfect a chesp, simpintwil their ingenuity will begin to show itsell. Ther Professor Gamgee before the Mirland hima The Professor has been encazed during iluby consudered as finally sentleri He is inspa frove tiat meat can be keph molst and ahater intention here to fully deseribe Prol, Gampary It consists in causing sulphurops soiti pas sud clambers. The air is removed ly a pump fron containing the meat, and carbontc oxide is ats subsequently e certain amount Professor Gamgee, consignmenta of mat a reach us regularly from Amerion an apparatus can be provided for
which 500 sheep could be cured dily. in connection with the above statements the im facilities for the transport trade of this country many well be fooked unos ransition state. Professor Gamgee हa, the metropolitin market might bo solit in to prices varying from $4 d$. to $5 d$. parlh. Such arem realised, would exert a modifying nifluene Mrrioultare; nevertheless, we concur in ; Gamgeo's remarks, that any feasible surgestaz Would enable the poor to obtain : harger sma with delight
E P. The Hampghire Down shepp, aceording Wiltshire horned sheep, and the old Berfale With the Southdowns, which were Introu Wiltshire and Hampshire early in the prezar These crosses were made with vary ing game
ing on the instinctive capacity of the farme proper animals for the purpuse, Prom 18 Soutli Wilta were, owing to the d. flerent cond what constituted owngod sheop, to thly dis character. The Wittshire sheep was liter colour as those of Hampshire, and a eme mithe face and ears was not neeessarily was posessed of other yood pornts. To j1f Hos
 the sresent char*eter and pos.tion fieted to the flenhed of the Babraluan Southdown floces. Th
 Old
flocks
others.


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 oertanly me an narily assert hat im chtion emintry has this atate of thnizs been yet arrived at If we
man up ans retcu.turai periodieal, or look over any of "tane male at farmers' dinners of farmers






 1, hi of ast only wil the farmers' ternasis



 sta doul wed with adrantan hat in eorn and meat, mignt be and tan mervantaze the to the farmer and the labouref,
 Cart- awis ly tine full thde of popular clamour Brf: mitery arises the farmung interent should at far wita...Mike anl sce whether we ean an perat











 lath of the tarm 111 improving the land, and the laxt
 hezarimg yatem that materwiea min the fart of the
 of tie risht- nf lan ilord ant tenamt that a reag 1 red om












 mouring the tenant a reasonable payment for tillage and hall sillagos, aud other unexheusted improrament In Irolandleases or loneterma, or for hives in somecanes, nut ume mimenly In the latter anstaym there exist ahon int firity of tenare. In mither, molaneles shortar


 hor $2, y$ gars with thr cipelimess of Araingge and other nork of improsement I propase it a fulure 1 the comaider low far we can buad ont these foumithon, entarga the superairueture, sn as in meet hise grosima

 Tha fallowina scount of Mr. R. W. Thomson mat-stomme
 has been. Warkms resularls for the last firee m mithe
 Dherdeen on to was in and from the ma $\mathrm{Ha}_{\mathrm{s}}$ In Cutauce eamil was is thran and a ha'f



Which it does with the most perfect ease. It will easyl bo seen on calculation that, taking the coefficient roat friction at 1 -40th-which is established as thit average on a good level road-the drawing of 10 tons of
load plus $f$ tons of road-steamer un 1 in 7218 e pulvalent to drating 104 tons on a level mad. The nominal
fi-horse power engine actually develops at reetann in-horse
mints of performis fous sicale journest darls with a insil




! watelt the working of the road-steamer employed there

























 and down there st he rute of 10 mules an hour, the
rin pouring all the tome in torrente, The folfowin ti
in an ontrat Prom e letter reneived within erm days from Mr. A bernethy, of Abordeen, himself an engineer,
who is a kenlleman well-known in Scotland for his Who is a kentleman welt-known in sootand for his indzment on stah sub, enta great tritat is put - We

 in lowir, at the lum out fume of the day all the way in
 angle wear falal ul-at leq-1 it wiv wiat a lalanow.
 to bave mon behiad with ropmes is hald hack on the



 clat to mar lom mond

 Tomshaynorsil of the r mid-steamer tock pll he as recemtis as Tratalay, the 17th ult, und on wht day the preation whe hor

 Tuminoll had lomz been impressed sith the idea that from the road steamer's facility of running orer soft ground without sinking, owing to the indis-ruber
tires, which at the same time bite the surfsce with surprising lenacity, it wouid be eminenly adapred fir himsel oug unod an opportunity for putting his encine to the test, and on the morning of the trial one of hiz 6-horse power romd-ctrmanes was on the ground Whilst handiness in wrioria



 1 msik . On wind on etthes
wak the working of the road-steamer employed the
ploughs, when the handle is once set no guidanee is needed, and so four furrows were thrown simultaneously without a hand beino put to the plough. greater ease than horses could do, and ploughed its way back again up a liill with inclines of 1 in 1 ?. The ploughis were set as deen as possible, and the work done steamer and the plough-horsca was most remarkable Steamer and thre horict- wersere paufully struggling along with one double-furroiv plough through the exceedinsly hard, drs, still sol, ht was draw ing its two double-furrow plougbs with suclu facility porrer to spare, and that it could binve taken another couple of double furrow-plought belhind it; indeed the furvace-door had to be kept open the whole time The road-steamer, too, was quite free from the ditemnia to which horses are liable, such as getting their foe
 "Woa !" would bring it to a stapd. It ran in froniog

 alloted portion without meeting with a single ditlleulty all who had witnessed tis performance declared that its behaviour was perfect, and that it could at once be put to practical work. It promises to be of incalculable advantage to farmers, as it will enable them to dispense almost entirely with horses, since it can fetch
its own fuel and water, and can be employed in ploughing, reaping, and mowing, in carrying manure and taking produce to market. (Great gratification was expressed by all present, and a brilliant future predicted for tbe rond-steamer

THE CONSEQTEXCES OF INTRODUTCNG MUNGREL BLOOD
A ltrot'uli goof animals are, as I have shown, pro duced by pure breeds, I by no means deny that indiVidual specument of ettal, or even oetststonally of smperior exce lence, may be fond amonj crosses. a Shothorn buh, the orfering usually unite the hardihood sad fine grained neat of the dam wath the 8120 and early maturity of the sire. Steers of this character would probably be worth more ner lb, than pure Short-
horns, and be heavier than pure Scots of tho same age. horns, and be heavier than pure Scots of tho same age.
Mr. Darwin appars to consider increased vigour to be the general result of crossing two distinct breeds of domestac animals Thas is probably part of the law Whal makes the union of near aflinities injurious, When continued too long. Whle even a slight change of blood is beneficial, a complete cross appears, from the imparting poculiar vigour to the offspring. The succes of a firat oross is indeed proverbial, and where oironmstances are invourable there is no better mods of pro
flueng animals for the butner that the inion

 particular " I renly, that as an anmal for the sumer, it is by no means inecesary consequpnce, W' fat shows against all the pure breeds. The celebrated Durbam ox himself was a son of Havourite, from s cow without a pedigrea. But suppose that the
half-bred stecr, which has won tho (rohl Medal at Islagton or Birmangham hal been a bull, what would lave been his value ${ }^{2}$ as a breedina animal, absolutely nil. If there be any one point on which all breeders of roputation may be considered unanimous, sense indead points oust that, whengrel sire. Common thr antecedent parantage of an animal, wo cannot Ilace the same reliance upon the uniformity of his progeny as we can on that of oue whots we know that belonged to one race. The habisty to "brecd back", ast, but popularly termed, is a univeraaliy reconnised fact, but at was renerved for Mr. Darwin Cully toinvestithe lswg which regulate "rewaraion" कutch mas erentually expand our knowledge far beyond its pre-
sent limits. $3 y$ elaborate and sourate experiments, sent limits. By elaborate and soourate experiments, has conclusively shown that the result of crossing two
 which peculiarities nes in who breeds when orosaed are precludef from crossinz, brechs, as long as they mernat mie to attempt evert an abriugment of the discorery rests. i ming Mr. Darwia's importent to chapters 6 and 7 is the readers, therefore Mr. Darwin romates his I have quoted, where pigeons and poultry his experiments in breeding pecond volume, when, and then to chapter 13 in the sobject of inheritonee recspitulates his viess on the sabject of inheritance, and more particularly of breeds of poultry and of result of crossing certain moncrol offspring certain characters phicl do the to have been parents on either sude, but which appear they originally descended from wald apecies from which shown rometimes to follow. A similar effect is also shown sometimes to follow the crossing of shecp. The
iability of black lambs to occur even in the best bred
bicester and Southdown flocks is weil known, and, Long witl other evidence, points to the probability that the enrliest sheep were brown or black. The following instance of revercion, given by Mr. Darwin,
 lack spots in his sude, and thev produced 13 limhs. ll perfectly black Mr. F. beheves that thas ran belonged to a breed which he himaelf kept, and whal salwass spotted with black and white; and he find always produce black lambs. Ho has gone on recrossing those crossed sheep with pure white Loicestors during hree successive generations, bub always whom whom the spotted breed was procured, that he likeswise had gone on for six or seven generations crossing with produced
IEre another principle evslently was at work, viz nrepotency" as Mr. Darwin terms the stroncer
ntluenco of one breed over another on tho ofsprugg and I atr anclined to estimato the prepotenus of
When prepotency appears to characterise more recent breods, euch as Lueicester sheep and Shorthorn cattle, which undoubtedly have swallowed un a large propor fion of rival races, this may be caused by the persisten use of near attioties, which has impressed unon them unity of character not ensily to be attained by more miscellaneous breeding. Whien wo seo, however, how persistent is the latent force of promeval character, it is will perced that all who desire to mprose there herd risk is not an imaginary one, for at local shows prizes are not unfrequently given to animals of whose pedigree all tliat is known is the name of the sire. Nay, I laave never known a case in whith prize for brecding atork was given to a heifor Whicl hat been purchased at a market, and whose hned the blook of Scotch, Hereford, Welsh, Shoriliorn Loughorn, add conntless other breeds. The injury blech may accrue to a herd from tho introduction of from the offical sanction of prizes being awarded to such mongrels, every unfluence oursht to be brought to of pure pedigree. Alliourh the for ther herd; sires of pure pedigree. Allhough they are becoming more considerable proportion of farmerg deem it mere fancy. If it were otherwise, we sloould hardly eo well-bred bulls sold below them store value so frequently as is now the case. Take, for example, tho recent asle at the Prebendal Farm, when the balls chiefly of Knightley blond, went for prices quite disproportioned to those make by their dims. Thus, one yearling, whoso dam was sold for 120 gan, only made

 the jud dew, as one of the eaments for enabling them to arrive at a sound derision respecting their merts Willuughby Hood, IIolly Bank, Nor. 13.

## 320me rorrespordence.

Steam Cultivation Charges.-My lotter at p. 1193, when speaking of the horses kept to work the hoavy and just bonpht, shonld read thus. "Five
horges have alwas beon kept to work the heavy arable larges have "alwas s been kept to work the heavy arable anotuer wipe with hin stick, in faet, has "fallon foul" of me by givinz me a secont blow before I rould get we with havinc "fallen foul of another opponent " whereas it was Mr. Greig and Mr. Teopfer who "fell oul " of the roundabout tarkle at Peterborough, and I stood inn to defend it, yot for all that I was to be
thrashed. Well, aever mind, his blows do not hort me: and I take it that the back han led blow at yoin, about the 1s. Gu, an acre for wear and
toar, did not fret you. My letter (D. 11e3) has done all that is necessary for me to do upon the eighteen penny question; therefore, I will follow "G. A H." to Tip tree, where, if Mr. Mechi did anything so utterly contrary to honest accounts, I warraut Woolston Would be down upon Tuptree with a vengeance."
Now, I have never been "down upon Tipree with
Fengeance; " for all I have done has been meris to
show up Mr. Mechi's own figures yengeance:" or all I have done has been merely to
show up Mr. Mechi'a own figures; nnd all the
good G. A. H." is now doing. to his friend will not fret about his reference to edeprepen. I ans other point upen the question of steam ourltivation and if my advice to the farmer is blind adpico it What I am practisiag myself, fin ling it vers profitable is only 163 my occupation mas only lle arres arable, and of my secd-beds, nor am I wrong about about the cost Mangels, although it stands at only tho bit after People on the spot who see never express a doubt, and when "G. A. H." falls upon mo about the change of you that 11 yenrs ground, for I have long since told and lof)l, for the engine I nove my first fhorse engine trim, although it hasdone noond of threshing and capind during the $\begin{gathered}\text { my ploughing; and its oost in repairs }\end{gathered}$ would cost moie periou has not beeen so munh as it and he is vastly wrong when he gays thus-"How, muoh does he gupnose he will he says thus-"How


 demned the practico from the stark. hat work must bo done at the mitg.
oos "anterest of moneg, depreciation,
 him ride it and I will heave his upon hat wie upon that point. But I muat hation s wit calls it, was done by a four-
regular way of charging guch woth hat
each horse $2 s .6 d$. per day, the matio 4 ., rice comes out ot of 8 giten der, the the the dead fallow that I have jurs taking these figures as our mode of it
 pioughing, and sn acre a doy tha

## One ploughing,  Two cultivatings, at 28 . per Half a yoar's ront gad taxes

I paid that and get no produce Won
oall that hen scratching It is in call that hea scratching? It is ratm , and well, too. It is of 10 ns ) lio hand horse-trodden work, that may acre, with mine: for he does not thesither
tho beantiful conduluon the nrerions hignoll tellw him all about it. Mit. But gesabour, sem for bimself, ind tello goos Thera is a wade contrast bentreen the w redit for intentomal truthfulness, 作 (p. 11-1) that he did not bolere bs
 awhile. Wilhan
Woolgton Steam Ploughing,-I obzan timel Smith adopts

## for interest amu

it means 8 pacres daty, it
100 days of plougling in cach yea
ploughing ats acres per day, would run in.
wathout bare fallo
evria fultrli, of lisat un
acres, then,
rotation, but every farme his some mitd safely sassume portion in pat
safely sissume that 1067 acted amder roun
a farm of at least 1100 aores. So theo ot that in order to earry
a man must heve a farm of 1100 actes. Dat
a monslerful discovery ofr. Smith has
smashing" ou tho frolston roude
actually will pay on a farm of 1100 scres
however, be misled; this is not phat
to yrote, or rather to insinute
to smother the ruestion under s

## dode of defenme, and I theo too ke

question is this: Mr. Smitt ledlarea tas form power, and the partial nsitatance oh it on a cost of 6o. $8 d$. per acre' 1 asiser (asi thica! nwn figures prove has deciration to be
foundation; that ho 19 , flu fact, as I decentur lumvelf,
decerving the jubl,

which loe alleges, on rather Wramanotialkinzaboutho


If the pubise, and I venture to thunk the


 thic, say froal the end of September to
l'ebrwary, or about $1 \% 0$ days. I Iow many of or ratis days or days after ma1n, Grans. - In sour lisuo of Nosember is you athers yot state-tathing the comparative
 t fiet that the dessicated krisias shonil from whath they are mnde mater very easy, and we beg tho favour o
would first remark, that the heat of er now it the bremer coagulates the albuminous



 Wh ty that wefmuld bo in tho ton of dry The quantity mechancally carried off in the Wall upara us a sample of our desiccated grains A simple test of their nutritive proa feve days they become a mass of
Milharn if $C o, 70$, Chureh Lane,

## Foreign Correspondence.

 Si faztle, Mr. Howard refers to 205
Slenaul syriculture is there 18
that statement, I beg you to correct it



poor sandy charscter, the left bank con-
the richest snila in the world; the same is
the Eibe and Vistula the Elbe and Vistula rivers, The famous

 the lett Oder bank. The counties 12. Frankenstein, Mlansterberg, Strehlen,
t.ae best 1 neat and Barley growiog parts Contunent, our tart is only IRy and Potato acghze a good knowledge of Prussan agrin recemmend you the work of Dr. Aukust are der Preuss.schen stazter nach dem adt et liemprel, laig.). It is founded on oflical and contans every instruction desirable in
oal, and other porats of view.

## Farmers' Clubs.

家!
Iecture os Contenental Agricultwre, ortions of Mr. Howard's lecture.
France -The farms I have hitherto ention to are large ones, there
liractical information to be gained
ones ones; but I cannot pans them over
remarks. Throughout the greater small farms preponderate. There one, two, and three-sore farms, held The size of farm contidered necoss mame penerally kept on such toldings finngh, and draw the cart to market. ores, a bull, and an anss drawing a harrow.
rork from

 is to be seen. Thrty bushels of Whest
excellent crop Leavins out of the on tentricts, rows of Apple, Pear, and
of the French peasantry and the English agrioul
tural labouret. The French are sober. live very hard scrape tokether every peny they can lay hon ls unal hand living farmers I have de-ar la drawing my that the Frennl farmeri un uealionably enigy buth soni and cumate great advantages over the fighosh I her hatural adsantapes, and thus redicel the fertility attribute the smaller proinctisenefs of Frauce to the permitious effect of the "(ole sund that the sublisiston of the land to the extent it has been carried ha most parts, offers thiek fow jiractical mess will doubt I will sot just now pursue this grestion further, but w. 11 rewume it
before I tinisli. Just one word on the (jovernment department of agriculture. A considerable number of haventasl landowners and agriculturists of France arriculture as an incubus, and rome tume since comSociety, somergat after the model of the Agriculuma
 that tho scheme in jlated for the present touder
the ban. the hant.

Restroot Culiture - Sugar and Spirit - That sugar coul. he extracted from Beetroot wash known as ear)
as $17 \%$. Tho discovery was made by Markraf, chemst of Berlin; but his discovery ex tited but lithle lierino chemist, Aehard, gave to the world an account of the process carried on at his Beetrouksugar factory in Silesia, by whinh lie extracted some \& per cent. of
sugar. The scientific men of the ('intinent from that trme were aroused to the importance of the subject The attention of Napoleon having been directed to it, he deternined upon introducing the manufacture on the colonial prospernty of (fireat liritann. by excluden from Fravee and the ("onturent the important colonal produce of sugar The first factory was established noout 1ym:, since which time it has made steady and constderng the diflewities, fisess and otherwise, raple no less than int ikk tons of sugar were made from lleft and, accordtan to the last return, there are now in France 170 Beetrout-sipar factoriea, in Bektuin 11ti, bect aro annualy converted into sular. In a Ilungary, Russia, and nldeer parts of Firrope the pronees. Is also success inl $y$ carried on. To lirance, that which not condmensedas a mintary expmatht has prixed to be
 try 18 heid in France, at an agricultural meeting held a
fow years ago at Valencienne, os trinmphal arch wat eroctad on which appoared the following inecription The growth of Wheat in this distriet before the prohe nua Beetroat sugar wa only 122,000 quarters thes sumar manufecture the grow the of Wheat has been 1ti, (athI quarters, and tho number of oxen 11 sith) since I live lorked into this suthect, 1 am surp rised that it did hot sooner opeupy the ser.oms attention of Einglish agriculturiots, Pernaps the indifferencen arove Wandevorth, Minety. Belfest, and other places, as wel as from $a$ settled belief that our climate was not adapted for the growth of the particular kind of Beet soil of for the manufccure. growth of the root is clearly set at reat not only by the analytical teste made by Profesaor Voelaker upon root growa in England, in Belzium, and in Tranee, but by the practical results obtaved by Mr, Duncan at the sugar factory at suffuls The percentage of sugar io at aboup upon an average, estimated on the (snalyaed by Professor Voelcker grown at Barkiog with London sewage only as a manure contained 13 ger cent., equal
to the very best Silesian. That the surar-Hee requires for 1 ts perfection a better chmato than ours whil, I believe, be proved by further experience to be a filliog. The temperature of the north of Fradoe and Germany is far more suitable to ite growth than that of the southern parts of those countries. What I of faed in be of movt impertance is, that the neenth cifuclait, September, sud the carly part of etoher shnula be warm and sunoy, for It mar the latte results, great care is necessary with the manuring and proper tillase of the soli, the choice of seed, the subse proper tillage of the soll, the choice of sea, the subseTisited a large ooncorn belonglyg to the Rheuish Beatroot sugar Company, a hrm oomposed of three part extensive farm of $; 200$ imperial seres, whioh I shatl notice presently, large quantities are bouglat of the surrounding farmers at 20 s per ton, the pulp belna
giren back free. The firm has ssued pronted instrue givens for the guldance of the farmers of the neighbourthood -
order to grow gomid agar feet it ia necamars that

 Whould bo ued ni n tompority covoring to provent damage


 If I do mot mastake, these rules contain malter for reflection, and may undzest to the thoghtful English
farmer sume uneful lessons int the cultisation and harvestang of the urdinary Mangel crop The processe pursucd in lle sumar hators or the omadion ar are driad and pulped, the juice pressed out by hydraulio urehines, followed by the usual retinimg process. A ho great manufactory 1 hare referred to at Cologae, at which 1-0 lons of I3ectroat are converted imto darly, the proceas of extractiag the susar iq unique, and far more perfect than at
opportuasty of aspecting.

Farmyard Manerp.-Mr. Jons Pest introduced his subject at s recent meetrug of the Logie farmersi fiferent kinds of manure applied to the eoil for my ificerent zinds of masure apphed to the soil for crow formyard manure is the most efficient, Our green crops are rastly increased when the land is manured With that made by feeding rattie. It is generally allowed that from 2 to 3 bols of lkeans an arce more are grown with the same ruantuly of thas kimd of manure than from that male by sututering eattle, prepared and put on the land un the ame sate, besiles the after
crops being materially detter. I think otlokes, along crops being materially oetter. I think otloakes, along
with Turnips, and a mixturs of other feeding substancea, ander the double purpose best for pro
ducing beef and enrichivg the manure. By givieg to ducing beef sad enrichigg she manuro. By givieg on considerably.
 haviog it properly keph. The tost of ondo against thia waste. Corered courts are neressary to keep out rajn and draught. The warm manare from the stable be regularly maxed wes the whole, and makes it unform in quality. The drains frem the duferent byres should. f possible, rin tito the morls, and their contents thrown over the dank. This enriches the lieap rery much, and ra the cheapest and mout ptla tise motiond of apulyme the liquad in the somi dalues and wralings cullected abmout the steading ousht $n$ ot to he pult arongs coslected amor dong, but by themselves, atsit tut no extro to the other dung on bare parta of tha thell Notwith-
immediatoly begin and go on in the heap, I find it the crops, espectally to those kinds that are rapid in their growth, and come early to maturity. Turnips and Potatos grow a better crop with short tasm with long dung. A braird of the former is somenmes unfermented and rerently runde. Most kinds of crops thrive best when the land is dunged Beans are, perhaps, an exceptoon, I think that thouk the land is dubged in. November or Devee ber previous and aliowed to he in that seeminely carelpss state weather till ploughed in spring at sowing time-the crop turns ont as good as the more recently manured portions. With Turnips and other green crops it turns out quite different. It certandy saves labour at a very busy season, hy duaging in autumat and drill befor they never do so well as putting the heap drill as short
 had an opportunty, under favourable circumstances, of pay the expense of pumping and oarting; but I, like nuost others, after three years trial, gave to up as an
unprofitable speoulation. When liquid can be made available over meadows by natural gravitation, there cam be no doubt of its utility; but when this cannot be return it bsck over the manure-heap frequent sllow the liquid to pass slowly over a tank or large ditch, occasionally conted over thinly with any waste substances, surld as dred wreck or weeds potato tops or jeat moss, sc. $h$ hadred tons of good Turnip manure from the last mentioned plan.
Ir J. Finliksus, Pen Ireich - The enlargement of tio manure heaj on the farm 1 s most important, and
whutever can bo got of weeds, gathered otf the land, sawdust, or the like, should be collected and spread amonsot it; for, though these may be almost valueless apart and in themselves, all of them, and many things else beside, become valuable mazures whell muxed topether ard decomposes. It would be an itwease were roofed in, as, where there if such dependence generally placed on the breeding and rearing of stock, all the straw requires to be used for fodder; but, as matters stand, a hatie of the above-mentioned ingredients, or such-like, spread under the cattle occasionalı, will help to keep thend dry, and aurment the mapure-heap. I beleve that sawdust is very much boddine for a manure, but having used cow sheds, I find that it absorbs a great deal of the surphus inquid in the byres, and becomes, when mixed in the duophill and decomposed, an excellent fertiliser for Potato, Turaip, and cereal orops, and although I for clay larid
Mr Chirifin hagite, ('orutown, sad-It apnears that lime and anmal and vegetable substances have foente knowlodge higher than the experience of repeated applatation produchng similar results; but chemistry has to some extent dispelled our ignorance, by disolosing the component parta of animal, veretable, and mineral substances We are told that vegetables have carbonic actd, water, and ammonia as their chef alizuent, in combination with certnin mineral substances, as these are found in plantsnamely, lime, jotaill, soda, maguesia, silica, sulahates and phosphates: and as these are taken from the soil, the quantity reriusite for the frowth and health of plants becomes exuausted, or so much reduced that the various silustures immediately essential within the reach of the rnots of the grains and (irass plants carbonic acid and ammonia, throunh the ageney of the sun, are decomposed an insemmlated by plants: that potash is essential for cultivated plants, and in supplied found eoda, whin is uzuay the cuncon "ith potayh, found an the dungheap. that sulpline is found in ald Rrowth; hence the eacrn-ed and increazing demand
for various sulphates and phantiates now qo famiar
in oommerce. The sulphates of magnesia end lime are

## vegetable matter in the soil, and corrents acidity in th

 orparir mater, that it abmisto in the deromporition of fact, it is an cxcellent solsint when anplied in prove quasitity and at the proper thue. In rectard to farnigard most important of, from every account, to be the contains all the eiements upon which plants live. richer the food is of the stock kent, the richer will the the withdraval to market of grain, hay ant dairy produce, can only be supplied timeousiy by artaficial Parmyard manure is impupily so well understood importance in the production of Closera and firasies mode of preparing this manure ${ }^{2}$ It may be difiealt each ohber, fy seasons and places may be so unlike recomnend However, there is ane morle which is to fiow from tate sisbles or byrea into tanks or pitsplaced 3 or -4 feet below the lovel of the ground, the ghorbing the gases as they espape from the ground.

DOROEESTER -
Aaribultural Coffages, - The following is an ahridgeAartultural of a paper on thas shbject read by Mr. IFomesk, of Martinstown, at a past meeting of this olab, to whio The subject I have to brine before the clab this ovenimp for discussion is cottage acemamodation on farms, and the way in which the cottage system affects general look at the present state of the mottages in general in the aqricultural parishes, which I cousiter insumforn to meet the wants of a growing popnlation. yake, for find that thare has been no increase in many parishes and it is solely attributable, in my opinion, to the wan of houses to live in, ayd many good labourera are under the necessity of taking houses or lodgings in tho nearest own, where they have to pay a hig orer and walk months, when work is plentiful; but in the winte When work is short, they are iriven to tho freatest more cotkages in your parish the population would inorease, and the poor's ratd be so very triflag under the present system holds good, the uaion beang assessed alake for tho mainteanice of the poor.
We will now look at the present state of some of the cottages, alld the ingronem be made. For some years past, upon many of the large estates in our county, these improvements have been carried out, by bulding now cottages of a more
comonodious and better description, additig greatly to the comfort of the poor. Stin there is a she deat more that ought to be done, as in many cases the otd cottages have but one bedruoun, and in tae majority ouly two, and, where the families are large, bolla sexe are obliged to sleep in the same bedroom, whath is great evil Every cottage should have three beuroom and all other applances for decemty, which would improve very much the morals and health of tho
labourimg classes. There is another improvement thiak would greatly add to the comfort of old people after they are recelving parish pay. At present theso old people must either receive out-door rehef and live with their chaldren or friends or go to the union workhouse. The former they always prefer, if possible, as they lemm the latter a prion, tho man and his wire together. family, the houses being generally in a crowded state before. In this case I will suggest a plan, winch fort, and thrtied out, Would add greatly to their com on the same floor, one for a sitting and the other a bedroom, with small officesattarhed and a little gardon, and cali them charity or alms hotases, the oferspers of the parish to hate the sule control of tinem,
$1 V^{\circ} \mathrm{e}$ will now como to our subject-viz, on cottage accommodation on farms. In many cases there are sufticient for the use of the farm; in many others only two or three are allowed for the carters and shepherds, and I know a fow cases when even theso aro wathleld For some years past many of our landed nrowrietors thought it expedient for the gocki of the farm labourer to take the cottrages (with the exception of the two or tisree before-named) and let them at a law rent to the labourers so that the men shoull be inulependent of any partinar master and lise lavejendent any pat I vill give $\quad$ and their p. $x$ an their philanthropy, but I think I shali be able to prove We will now consider whether it is an advantage for men to hre their cottages, or th have them rent-free, found by the craploser*. Take frrst the man that hire market, and make a calculation of his earninge. The first six montha from I. wy day to Michselmas, I asl culate if a gond workman, 12s, per weok; from
Alichaelmas to Lady-day, $4 s$ : making an serame of lus tod per week for the year. Ife will have to pay at
least $2 s$. per week for Louse rent, fuel, and rater learing ys, tsd. per week for lus maintenance. Thas
believe to be up to the gongral out-door labourers, as there will be several Weskes lost
by bad weather and eertain of getting work. Thake another instanoe of a
mom renting hig houge. This men may hire himen ford his linuor extra for harvert. This mer week; 20 s. will leave him barely with ?s. per week. This man depending on the better of tuan the man alway depending on the labour market, as he has his regular pay, and loses no time from bad weather. The two penerally to all men renting therr cottages, as there cannot earn the wages first described, and others wil? not hire themselves by the year consequently durin the winter they are of ten out of work, and poaching and petty thlesing are reanted in.
a provided with his house of the barly servant whit or a year at \&s. mer week common work, to have piece Turk, surh as hedging, draining, mowing, reaping, and more to the wages ithis, however
the man, as some will earn much more at hepend on than others) ; to have his crist-from ? i.o thushels of Wheat per month, according to his working family-at
 ocoupier of land and the labonrels knows that wain labour for the

to the farm or in the yarish. We will that
a farns reguring 10 eotias. working familes, if possible, tho io crowded together recardless of coment grow up they leave tueir father to lot selves or met marriel
gond young man for want ant large enomaz
yearly, which is a great 1 sulyanto or moro from any parss,
cottages,-and I know cases of thit got, and they are hirrd at arere and pore men will have ts walk a mile ererg be night, which wall the ole hour creme nioce thate the mem buier on the form lowever, are very ull certain, and ha quently put to great meonventence to We will now coombler the menera labourers, farmers, and landoris of cotlanes attached to the larms Iflin ir bo near his work atu? comfortably howe eo? t pe he derives 19 one of the greatat in the fresille, and whem wet and fuat nome. Anothre advantape be has, is th spend 10 has parden during the sprus from his work The farmer dentes por baving certain labour without fluctab the farm forng on reglasly families beine near he las an op.
thenr menera, conduct, and also Cuenr genera, conduct, and aiso gesitur, But here I must observo that te chemper, as the cottages are ald
sumper monthis but in the w more than is really reciulred for buld leto farma them with the farms adpantage, as I believe ever withont it, besides having lis lar much betler way
Int us now see what number opmion
pasture farm, the former requarim labrur than the latter



## teaant. Thas, I thank



路cicms.

## 

## klad to lear thay a sociond edition

## It hot not ry.ith to say of yre ven, as it were, enlore the tee




## 

## theirpulitical adviser- <br>  <br> a cultivating an cirst crop"

Id he t.a. la rel from making any agreement just as
with a thant, fur as short a tume ss he may culease, Whith a thant, fur as shent exists, the presumption
 ant 13 minis pear pahie poscesson shoul 3 , exceppl oss unfersonnble - a periol of at least five ycur-


##  $=$

at, from the kum'edge obtaned by the threshing test
up to the present time up to the present time. mobsbl: the th+! - tacn ber worse than we expected
 To cegard it as the mand satise factory' om the farms, but
 The (ron) of hay was end, and has theen followed by
 are turmug out well. Cole do mere a Ragic rop, but the

 reported as largely disease! . The 1 heat seedmix shacers. We have limashed, but many peoty.le are ath
bus. The late and long harvest made the preparations the, and threw work very mach "in heaps, a state of things always undesirable and perplexing. Much land too has been unfit to sow for want of moisture,
and even now is too dry nad unyielding. We are and even now is too dry aud unyelding. Wo are
nloughing some atiff land for Beans, and it breate up wers lizrt ant dry is hition il heato where early,



 mate teet of threaluts has mow o I I rmeed, what might otat of ctache at the close of hirsuat that our cropthas suffered more from bad weather than it has done for These 12 yours past. Fully un-talf was a-lield when had better been out, and hally bult stacks were drowned by rontinuous rain Thangs were worst un ler active manaroment, as lhas made the work of twico or thrice cortm- slom conches were content to keep thenr stowhs a not, anl want for fair weather.


Of cuisen, it comforte: 12 during that weary thine of rain and heat t Insin fr mon our "leading journal" that the bulk of the crens in Neotiani was recured, and
it would henefit the fimms. And so it dud, but it would henefit the 'f rmins. And so it dud, but
winter's wind canne tomomin after thas and rint down the topes, so that we weel lo is for no further inerease. As


 here, st least, we find it so. Although liere have dry and firm for folding of sheap amd storing
of $S$ wedes. Streams have been very lithle moved, much to the advantage of ithose that travel for hire. In spite of legislattre wis amand police surveillance, fort and-mouth disense wur name of murran is leas clum-y) bas hept it lime arross enuntry. To wellconditioned eathle it dues in harun, but on lean beasta and cons it 1s mprisestive not so much so, how. orer, as the Aot, which wcula actually compel a beast to remain in the ield where firat attuciked, when he Fould be so mucli more confortable in a straw-yard or shed. Care may delay the march of the diveasechance and be free from inspectios Why not compel farmers." in the interest of the consumank publes," to keep tirioe ns mans cattle as they at present thonk they are able to d
 Since the dite of our last report we litve in this district experienced weather of a very chequered a cover of snow and abnut 6 ' of frost, and accompented with stront north wiods. We have liad this interReneral character of the month has been wintry.
Several farmers brought theyr fationg catllo into the yards during the tirst week of November, and all store yards during the !irat week of hovember, and sis store ,efore che sveraze time of tultitize

 sown early are mi many phaces a inure; the late sown
have done better, and are pulling off fairly; but, on have done better, and are pucarcely come up to an averaga proved a good crep, and very little disence in this district. Some farmers sold in the field at from
$15 l$ to $18 l$. an scre. The price now is about is. a Wheat is threshinc ont quite ns well as was expected, ut on some farms thy slelid of Bariey is complaneed of. Siore cattlo have cone 110 in price, and sheep very
mueh so, the litter quite lus a-liead from the prices mueh so, the hitter quite $14 s$
curcent at this date Inat year.
Fiont-and-month dusease still hngers in the district, Fimt-and-month disense sili hagers in ine district, have been sustarin i.
Dirif-sown Wheats have come rip well, and so far look promising. W: $^{\prime} J$ il
Caprera- We hare heard but hittle of late nbout Garibaldi's domgs. Some of his most melanolioly annversarles occur $2 n$ this and the fortheoming
antumn months, and his bert friends must rejoioe at
the alunost perfert certainty that notbing this sear will

 of some of lise friends sot the luctler of the moutud, but


 worid awes hum eredit itwere can the zwthang more charimulut thats the actunt a the of the crenerals reoent nisior glve of the manuer $1 a \mathrm{~Wh}$ h has love and labour have 14 hthe more than tean br l? yeur- contrived to turin a bare rock near the cuast of sardina, not only intis a sumbeg trden, but als) into a rulay jroductive It pate
t has natural to expert that a man of ciaribaldre smple laxtes itad nb-temmous hat, ts hould heve barren his mand hermitaze lor the mere kake of the barren and desolate look, and that the hillmg of a fow acres for Wheat, and the growth of the commonest vegatables, should have met all his requirements. But tho cultivation of the more necossaries of life would not have filled up tho cravings of an extmordinarily
netive mind. Inlike mous of his counvermen



 lon,y root All rosiml, in the liellims, Whermer shelter coul' be fuatad ur uate, the (ranac bat 1, mmen are

 Palm, thoukll the latter bears ho fruat (iaribaldi huseef dranh no who, bat he we hevertheless, a bitegrower on a large walle. IIis hill siden are covered With low, clozely prubes itima shach, an wuportation rom the most celebrated piedmuntere aud Tusaan
 suffered to riso uibuve \& or í fuet frum the ground, aud sever lear more than tho ur three Lather of (iratee liy thas thrift the homputable (ienctal is emalbed to phace choice namm befure the nire-le wiud erowd upon
 hilt on lua lofty arbour suphls liae ilaspert with sinela luncouls fruit an he muth falote hluws of. The generdiar orchards do nol 3 nid many dpplos, l'ears or l'eaches, but the l'ro $\mathrm{kly}^{2}$ Pear and the Carob Tree
are so jrolitio, that their produen is thrown with a full hami In fatten kwime Garbahli's dars is supplied moth nulk awd butter by mat cins of the tall cremons the datal, mendinz bo theller st any tuta in tow year ant prowtitg the matabimmant with montan-fed
 oonatnas proapority does not attand all the Genorel's weed with which the island once toemed have not beon and herds is thereby sensibly checked. In the same tursted att a falure, the achimatise bie bilworm hel crovith of the lion . arowth of the Al unerry. (iar,balu, thwe'ver, ponats Fiti felds. Do spectis of the fitwourite tuber is nejelected and there is tho trest he so heartily emuse as a fish of his own Potatos, buked ander etubera, with h.s ownhand ith tho open air a kreat which calls ut remasmonoe of his camp isfe on the Tonale or the stersio, of of has plomorr's experionce in tho backwoods of Mississippi or
the JJate, fiaribald indulxes in the luxurs of the late, fiaribald malyes in the luxury of a
 object of 1 of whell har tasb dready nue hives, "the dependent on has beds for the. r hanery, but cull it out of the fraseant shrubs wath whech bouli ('aprers and the adjoining Haddalena are covered. Tu get hives to do well on so gusty is snot ars that bleak rock of C'aprera his bees accounted hittle less than a prodiag On the
coasts of his own bind all round Madualena and along the shore of Sardmia, Garibalis's nets have the prek of the Meditermanean fishery: whale quails, partridges, and wild goats afford hem plentiful liome sports, whenout reckoving the pheasant and the wild boar, with whell he las stopked same of the most We nuast admut that (iarmailis has not been smgleWe muat admit that (idribalin has ant been singleLar, I- the bean ons Barhorat, from Parna, for many German mamed 11 eber, whose and and example supplied theory and practice to is msn who could bring to his work litto more than an amatevr's earaestapes and Geod-wil' It should also be borne in mind thends ane legion, and there is nothing in the ghape of parden implements and agrioultural plant, or graft, of dead or live stock, nothing that could minister to bis wants or Rentify his fancy, that man wo could turn silen advantuges to so good purpose. Garibas di, however, lowes work for work's own sake; and he bringe to has work that energy of Will and that magnetp" itacendenmy over other people' wil which fit a man for the task of $a$ ruler of men, aud enabie him to whela all subordinre forces a a mere of a catupaign the government of a stafe or condize management of a larve farmutie entahliwhme mes in the meanm haliz not a littie interestinu io ace it is, who has played so striking and get so f ine see a man is contemporar ssana his next-oor-towhlime moments sublme, and
man, we say, kive 50 solid an evidence of stron torling sense in matter in which he takes counse from himself alone
It would be well for Garibaldı's countrymen if they would spare a little of their admiration for their hero in action to bestow it on their hero in repose. The world has heard enough of Garibald as a cammus or Murcellus. It would be well It litlo mattors or not the Italians have learnt from Garibeldi how to or not the Italians have learne from craibat bor fight, for others lave in a measure done that for tom, and they can now afford to think their fighting days aro over. But it would bork; if they would strive to make as much of their rich plaias and verdant hills as he has done of a naked rock, which before his time was hardly fit for buman lubitation. A body of well meaning gentlemen have been lately inauguratiog an Agricultural and Sylri-cultural Institute at Vallombrosa." It is to be hoped that a school of husbandry under those classical and monsstio shades may hare of Professors in a country whero the teacliers so very neary outaumber the pistik, is less in want of public help than of private exertion. It is not of model farms that it is in need, but of model farmers- of gentlemen and men of subsaance to speed the plough, to take the work from the hands of the mere abourer, and buliply intelljgence and eneryy, as well

## 

On Marketing Poutry,-One of the principal things that stand in the way of farmers realising a good price for their poultry is the wrong time it is seat to market. As a rule, the poorest time to sell poultry in a great
 overy butcher's stall is hung with most tempting cuts of stall-fed beef. Some extra poultry will sell then at fancy prices, but there is reaily no demand for the great quantity of ordinary birds that come in every day, both in cars and un farmers wagMons. They are disposed of to the poorer class of customers at prices considerably lower than is obtanned for ordinary beef As a rule, hve poultry sells the best in the market, and this is particularly the case with sprimg chuckens, that wro lisely to present a scrawny aud bony appearance not be made of expensive material and they should not be henvy, as this would add to the cost of transporta tion. They should have a good floor, and strong partition or end pieces; but the sides and top may be forned of laths. Shippers often errin not having their cons roomy enough to accommodate the birds, and To the case that many die in conscquence.

## buve ion focdr $r$ are killed. Ing

best to draw thom same reasm, it in air that goes juside of causes the flesh to become tainted. If the prancipally off-and chickens look best beheaded-it should be done with a sharp knufe or latchet, and then the blood should be carefully washed off, the skin drawn forward over the neck and tred. If the skin of fosls is of sufficient stredgth to jermut of their being plucked without tearmeg, it is better not to scald them, as them appearance, after a little time, is injured thereby: I'he plucking should commenre as soon as the bird is dead and before it becomes cold. Remove the wing and tal feathers first, then the smaller ones. Pin feathera may If moved by means of piocers.
If it is desired to kill the birds without beheading them-and turkeys are most saleable that have the heads on-a cord may be tied around the winge, fastening them to the budy: then hang them on a pin, and with a sharp s nife serer the under part of the neek, or simply cut the large blood vessels in it, beung carefu nill die sud no blood will come on the featherse bird ill die, and no blood will come on the feathers
place till they become cold before they are pelad otherwise they would soon becomo tainted. The packing should be done in a nice clean box. that will anderal sizoss or kinds of fowls, they should be sorted
 If you have clearo Rye, or unbrolen Whent-straw. nothing between then Pack them as olosely as use can, without pressing them out of shape. Poultry treated in this way will sell, if sent to market at the right time. Prairie Farmer. Every markot has its own rules, and American rulea are by no means recessarily obeyed here
Rearing Chackens.-The following are some rules that Keop the be well to observe in rearing chickens - -1 Ket them run out in the chean, dry coop. 2. Don't lemored the dewt in the morning until the sun has plomoved of food and from the Grass. 3. Let them have pist-proof. 5. Donnt let thater. 1. The coop mast be or staganant 5. Don't let the chicks have arcess to slops or stamant water. B. See that they aro l.oused when in proper order a proper order 1. Clean out every day, and sprinkle two or three times a Week. 3. Frequently change the straw or hay forming the nests, and whitewash the nest-boxes at every renewal, and twice rear -Roroughly whitewnes the whole interior of the jouse. -Rules for the management of setting hens: 1, Set the
hen in a place where she will, not be disturbed. 2 Give a large hen 12 or 13 eggs, a medium-sized the or 11, a small one elght or nine. 3. Don't let the hen come out of tho setting-room untul she has hatched but zeep her supplied with gravel, food, and in the nest for eight or 10 hours. 5 . Don't meddle with the eggs during incubation; turning them once a-day, and aggs suring foolishness, is apt to prevent the eggs from hatching. Rural New lorker.

## CaIendar of operations.

Noveyner.-Subsos all lands ploughed this mooth Novemper.- Subsoal ail hands From the soleing of if the subsoll require loosening. Froms in the bottom che ploukh and the treading of the horses the country is of the furrow, byuch larger breaderoor-band, than is reneraly credited, and now that ploughog and sab-
soilme by steam can be done nt one operation, the soiling by steam can be done nt one operation, the
work should be so done at this season. Moor-band exists in calcareous and limestone sorls and class, as On thie former there is seldom any dificuity experienced in letting in the air and water freely to the subsotl, so as to deepen the staple. In subsoiling it must ever be borne in mind that, as a rule, to double the depth of the staple, is to double the area, of the ficld subsoiled. Draining should now be executed on all lands requiring it. The pipes or stones should be mut in and covered close up to the diggong, so as to ob
rom the weatuer and Ditohes and water-courses is best done in the summer time, when the flow of water is done in the summer time, when the fow of water is low. There are, however, many cases where krowing crops so interfere that the new cuts cannot be laid out until all the crops in the way are harvested; but che
sooner the work is done in November the better both sooner the work is done in November the better, boti as to opening tue new cuts and filling up the on ones with the earth excavated therefrom. be put in the old cuts before the carth from the
ones is carted or wheelbarromed in to level them.
ones is carterin or wheelbarrossed in to level tham. other live bedges. (irub up) crooked and superfluous fences, and plant new ones where required. For steam culture the boundaries or ophosite sides of fields should be parallel and rectaugular if possible. Where there is a command of stone from quarrie; limestone walis. make the best fences, and they are cheaper in the end than dry stone dy kes, as they occupy much less ground
require ferrer stones to burd them, lact longer, are free require ferrer stones to build them, last longer, are free
from the objection of shelterince and nursing seed and vermin of various kiuls, and they nifford better and healthier shelter for the live stock of the farm.
Land-fast Slones and olher obstructions to steam tillage and subsoiling should be removed. Many stones that are land-fast to horse-learns can be loosened and brought to the surface by steam, others require very little mannual laborir in enable stram trenching imple-
 itseti ma mamher alhast harepelnje tu thome who hase not seen the work done. There are, howcter, larke stones that reguire to be blanted with blatagg powder, As a rule, very few improtements pas citter stan the removal of large stones, and tho deence.ing of the fietds they occupy, such soils beind maturatly krateful, both in sectina and larvest for all they cet.
Wheats after autuman fallows Remore Ereryrhere, - I it should tee cone over as ocmaton demands, as after a setting shaph lise and any ched that las fitten mis on remosed and sprearl thonly over the ridge wher lands are beinr ploughed, cross water-furrows, required, sinould bo opeod with the spade danly as the work adsances, so as cllectually to remove any rainduring the day and thus abviate stagnation and berm Thorough under-drainage should render cross open Water-furrows unnecessary; but it too frequently does not do it during very heary Norember storms. Pools of water should not be allowed to staud in grass-iands, or on farm roads. The ditches should also be gon aver, and the mouths of the main drans exammed, so place, if they are not discharging as may have Laker As a rule, half the expenso wifl keep things right that is required to put them to rights when once they aro Foatting stock as they take to their winter food will not relished by many, ane expression is, we are aware but all who have any successful experience in matter know that unless their bullocks and sheep now is smply wanufactur-welthat sast, It wils not pay. It beef sad mutton, and whether 40 use a chemucal faure or a mechanical one, or the more correct expressicn, their full carcase-weipctive action to produce so much increased ten to one, for the who enan the a fallure rule-start your beef and mutton manufactories into full play in Norember. $W, B$.

## Notices to Correspondents



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A garden with emptr flower－beds is like a house without furniture．

## BARR \＆SUGDEN，

12，ELIG STREET，COVENT GARDEN，W．C

Norember ${ }^{18}$ the month to provide for a display of Flowers in Spring．The most desmable Bulbs to plant are

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| Runqnealus Anemonet |
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| Muscary |
| Lily of tha Valley |
| Tnteletay |

The most denirable Plants for a Spring dipplay aro

## Alysmum Arnbus Abritelia <br> Arbretian Dinsfell <br> Tomet．me－ N ot（Myosot， 1 ）



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## The Gatuenerge Chromide．

SATYRD． $1 Y$ ，N゙リl＇KMPLR $2-1869$.

[^41]Those who have travelled through districts where mineral fuel is acarce，and where in conse－ quence TREES are looked too to yield some heat－ ing materyal，have no doubt noticed what are called＂pollard＂trees，that is，trees from which the branches are periodically cut for faggots and cord Food ；and others－long，lean，Janky things －tmmmed up like a whip－stick，and mith heads scarcely larger than a crow＇s nest．These are trees which rarely attain the timber size，and if they do they are such as the timber merchant， when he comes to purchase，will reto as being unsuitable for his purpose，unless perchance the incessant pruning may have given thom a gnarled growth，and then they may yaeld a little reneer． Look into the primaval forest，where in the struggle for existence，might has crushed out right，and the few trees remaning hare become monarchs of their locality，or go into the park or dressed grounds of the proprietor close by， where room has been giren，but the pruning－hook has nevergained admittanco，and what do we find？ Trees，possibly of the same age as the pollards or whip－sticks，each containing hundreds of feot of timber，and worth，it maybe，scores of pounds； and what is the reason：Just this－the pollards had been pruned out of existence；while the trees where Nature had been allowed its natural action－where root and branch reciprocsted each others services－had become in reality ＂property，＂ornamente of the country，cush to the owner，and such as we Britons are prond of．

We are not，however，going to write an eassy upon forestry；our object is widely different： and we merely cite the preceding facts to illus－ trate a more utilitaman object，viz，the Growir of Fretr．
A few woeks back a correspondent gaye the history of the Bishop Stortford Tines，concluding with the intelligence that，being worn out，they were to be rooted up，and new ones planted in their places．Upon reading the fact，tho excla－ mation involuntarily rose to our lips－．Pol－ lard Vines：Poor thinga，they harn been fwarfed （pruned），if not to death，out of f？l useful exist－ ence！＂Now，what is the difference botweem theeo Vines，and the pollard treea to whin spe
have before referrod? Just this, that while the pollard may have been decapitated, or denuded of its branches every second or third year, or oven less frequently, these Vines have been "whip-stiokod" every" year: snd, not content with that, the more they attempted to develop themselves through the growing season, the more determinedly did the gardener, "by his perpetual "pinching" process, say-"So far shalt thou go, but no furthor; Nature may know her ways, but we, the gardeners, are superior to Nature, and you, the plants,
submit to our ways as being better for you."
A quarter of a century ago, and for many years subsequently, the Vines in question were the pride of the country. Every autumn Covent Garden market revelled in the splendour of their produee, and now, in what ought to be considered their prime, they are to be rooted up and cast into the fire ' Are we to regard this as an illustratuon of "f fast life," wherein, by high feeding, hard drinkings and thae neglect of hygienie rules, a mapa lives seven yeary in ones and sit thes sge a 30 finds himeoll constitationally a sexagonatian? Practically we think this to be flae faot, and that constant pinching in the summer, and slose pruning in the winter, engenders a something akin to those zymotic diseases, such as slow, low, and internittert fevers, which, while they do not actually kill the patient, allow him to drag on but a wretched existence. When these Vines first came into bearing most of the great gardeners of that day wished to see thom Dr. Linoley wrote a glowing panegrric upon their cultivation, demonstrating the porosity of the border, by asserting that he could "push his walking-stick up to tho handle anywhere into it." Wo accompanied Glendinnive and Bapnes, Charles MicItosif aud Bailey, of Nuneham, to see them; indeed, a gardener who had not seen Mr. Joves N'ash's Tines was scarcely recognised as belongug to progressive horticuitural life. And what are they now ? Just at the time when they nught to be in their prime they are "used up," "pumped out,' useless cumberers of the ground. There must be a reason for this, and what is it: It is of no use to beat about the bush, but let us grapple honestly with their lives' history, We aay the reason masy be found in the slow and tormenting process of the pollard or restrictive system; and the fact that these Vines, not-
withetanding the vigour of their early, youth, have been pruned to death-have, in fact, by the hande of the gardoner, been systematically daprived of that breathing space of foliage which yas not only necessary but indispensable to theiri profitable existence. These Vines have been kept to the singlo-rod, restrictive, and closepruning systems, and thoy have farled, as thousands of Vines have done before them. Head one of them, instead of being confined closely to a single rafter, been allowed pradually, year by year, to have filled is or 16 of them-in ract, a whole horase, it is not improhable that, itike the unrestricted monarchs of the forest, thry would annually have accumulated strength, and been now in the fill vigour of their youth. Such an inference is not improbable; on the contrary, it is in perfect accord with physiological induction and practical experience. By the process of restrictive pruning, we must have restricted ront action.
We cannot have one without the other, and thoogh we may think to regnlate and balanee
 man in charge saysi there "is no hnowing where the ronts are." From the experience we hand many rears aro in lifting a quantity of old Vines originally planted by Speectiley, we venture to say that the Stortford Vine roote have rambled little beyond the area of the border. When the branches are restricted, the roots follow the same law; and it is surprising how few and small they are, even upon Vines half a century old. Even if they did ramble at stortford, they conld socmooly in that elernated spot take any inimys.
tion of we parieg for the present, with the inten-
There netural history of the differont species of Lwskots which attack exotic species of OlichivAcke is mecesagrity but little known. Tho collector of plants naturaily salocts, in thair native haumta, only healthy slepecimens
which, free from the attacks of insects, are able to bear the journey to Eingland in good health:
and it can but rarely happen that the coonomy of the insect parasites are likely to be investigated on the spot, becauso tho collector, even If he were inclined to undertako such an investigation, remains but a short time on the same locality, and is hence unablo to pursue the examination during the often long period which is necessary for the transformations of the different insects to be perfected. Thesi remarks are necessary by way of apology for tho incomplete history of the two species of insects represented in the accompanying engraving, the central figure of which reprosents the basal portion of the overlapping leaves of tho bud of an exotic species of Orchid, to whicl2 the mittee of the Horticultural Society was directed mittee of the Horticultural Society Was The species orchid attacked was unforturately unte termined. Socurely nestled between the overlapping leaves wexe two white fleshy grub-like arver, with chestnut-coloured shining heads of the natural size represented in the central figure. In thin position they were feeding upon the thirkened substance of the leapes, the upper surface of which was eater of to some distance, without any hole being gnawed through the leaf


The upper surface of the body, shown in the right-hand figure, is very muoh wrinkled, and on the underside the sntesior segments are entirely destitute of articulated legs, their place being represented by fleshy tubercles. The mouth is furnished with two very strong, triangular, horny jaws, the inner margin of whioh is somewhat irregular, the right jaw having two amall conical teeth, which are only blunt awellings in the left jaw. The under jaws are of a less rabust cinsistence, haring a somewhat oval terminal lobe. arned with about eight strong, short, blunt bristles, on the mutiven of wheh is the short maxillary palpus, consisting of only two joints. The lower lip is more tlemhy, and rather heart-shaped, with the fore margun nearly strught, and having the two minute two-jointent labial palpi afflead near the anturior lateral angles. From the characters thins exh.bited by these insects we have no hesitation in arriving at the conclusion that the larve before us ars those
of one of the weoril family, of which soveral thomeand, diatinot species are known, and all of Thinih ape vegetable feeders.
of too littie is known of the dietinative characters family to onable us to coniecture to what great or even sub-fiamily the meckure to what remus natels one of the layvo had recerveu an injury and died, as did also the eocond spocimen soon after we had examined it.
Immediately in the vicinitay of thoos lurrim Were also fornd within tho bund sevoral munute dead pupae, bying in a mass of bard dry particles of dark-coloared matter, which we houl no difficulty in recognising as the axcroment of the larve from which theso prpin hai bean devninfed. These pupa, representel of the matural our central figure, and move lirhly magetifed in the upper left-hand figure, evidintly lumbngeat to a epecteg of the evtremaly ntumopous fitmily Ohblcididre, and by Fory carofinlly smaing off the outer horny pallicle, undn the mioroscope, we
the middle left-hand figure, mapriseren the midule lett-hand figure, magniask the Eame degree as tho puphe. The 11are
brought to the light of diay proved tobe of a species of Eurytomidix, a sub-famit Irymenopterous ('haleudida, aud on dime other specimons of the pup:e wa oblo fomale of the same species, the malea
the antennax more strongly five intermodiato joints of the fhy ancrulated on the jnner margm, whemen joints ave oval and less sotose is the tho antenna, whech is reprosented in the nphan and that of the male in the lower 4 th figule.

As the Chalcididse have been almof tha sally rogarded as paras tes unon other fis like the Ichneumonidre, the question of the nection of this species before us wth this
with the above-described laryo, ham lotermined.
uninjured, and the pupae were no dition to attack them parasitically minute laryes must have se so arculionideous larta or whon the pherer Tho ponsibnlitg of the latter sugmatha eaty increased or momo obshrymether have beexi mato upon the hahit of worm Amoicun speci in of lurgtomi ho bacion the joints of tho stinws of Barley) bf ham I. W. ILalikis, in his fine work apmen rious insects of the United States and fo Walsu, in the eighth Number of tho "f Fntomologist," in whul tho non-pansitat of these particular spectes of Euryan insisted inpon, Mr. W.ilssil haring shm fi.w they bolong to a flatimet subgonus Iv du: whoreas the typical lingtomar are wer ous. The insects which we have ic in
 toma but to tha reatrietnd gems ix 7 .
sis that it is most probablo that the $y$. the carculloniskons larya upon the plesho and were not piaraates on the white grd fur above described. I'or ident "feation mipe the name of I snsoyna Orchudearum for thatpr insects. $/$. (). II'.
—— Ir is officially announced that his 3 KiNG of the BrLariks inteuds to honour
Hortioultural Soctety's Gridens, Hortioultural Soctety's Gardens, at South
with a visit this morning. Man of the with a visit this morning. Man of tha gadi
men have signified their desire to osbidit promenade and band will oommance inatead of 2 P.M. Sonmelj even the To: more reason to acdnculledre grateinits he Belving Kine and his people, than has oulturists. We hope that the Connai as the representatives of British Forth like to the K ues and his sum ects for the courtesy and good feeling.

## R.T., We are informed that himt Cold

 oultural Society, offers for competition first meoting in 1870 (vizm Janusg 18 Cbitucrsm- When alluding to thee Scez Caysilite, two since, we alluded to the probshilid fr. gardener would have to be called in
tho empineer. An ceirart from tho

 shrubs, and planty of all decript.0ns git Wherever the soil is irrigated, Formation of the empent of the plat corresponding change in the climeta, ab Burn time Ismails, during eight months of the pat Mr bably the healthjest Gean temperature September is $94^{\circ}$, the foll was unknown, but in the twelve mon
the last, there wore agtually 11 days nt shower of rain, a phenomenon whic had nevar previously witnessed. violent atorms. Here we at

$$
\begin{aligned}
& \text { - (htr French nel } \\
& \text { onder the ausp) }
\end{aligned}
$$ Horticuttaral

Wh incalls, regularly, raptdy, and conswoulacturen, IIere is a chance for eathusiastr,
ventors. w woald have us beliese that ther ant entorst wht of a binhel of coal than was ever juit ho it in sat, the great tiremau.

- Uar lis hiturah contemporary, The Firmer,
 It L: of the Dulmenv lark Gordents, su the (' Thpres whtt the well-known Thite Mun it if A! xandiria, sysuur northera emaooporazs, tae variely is a good deal like it both in Then lualy nile. It is, however, detededly coltruer, icher, and laterented, and dossolvmz na the mimth, so
 ad thar $b=1$ liavoured white sorts. But its most sme whinct it juosesses, and whioh so dietinotly appre inble on entering the vinery where it is growing, ss btained from "Snew's Muscat," by which we presume
 hoxallura
I W. Whadvartently en iorsed a shlament of ti.e Cushat ixsulat Praccx dons not frut in
 maded $11 . \mathrm{a}^{\prime}$ the plant in questrom does oc:ustonally


## New Plants.

Macinumit tranifolia, $F$ von Mweller.
it rillato to thitis, Tuicromato dentatis, os the $x$ of



## F3x+5:

Fet is Mamdama (Proteacea) Was originally

 -prextions as correct, as the fruit dhatmunublies the resent ylant from Helcia Some smal plants of the
 Bal Commilef an Avenuer l; bat its nat le country (Moreton Bay) it is deasaribed
is tree : metune attainiug a beight of 100 feak, but aeraly : of about 30- -10 feet, with leayes ia whorls of Hepe or fonr or rarely two, na: in stortly stakel, leathery,
 Wh lie the attul upwarls in brealth The gh-stalhed raceme, each subtended by a single bract, destribed as having four linear spoon-shape 4 ber, inserted near the middle of the oallyx-tube; finwentr are longro than the anthers, which litter cossear, with a surrounded at the base ly a denticulate ring. sty. The frutitithe, is kind of drupe, with a fleshy orlor, en arcing a hard shell, lite that of a W alnut, rkeles an purtr ularly siseet and arreeable lo Mr 8. Whas churmang the statement of 1ts discoverer, Wa.ter Hill, who compares the flavour to that of an the paucircy of nature the more noteworthy the rarity of any edible scerl among Proteaceas convervatory plant it will be grown in this altoretiee sahe of its shining Brexia-like foliage. yaddition to our hery int of conservatory plants; and da some fortumate cultivator surceed is iaduciag Frust Committee after the culocium the delight r. Berkelay on the amported frust $3 f$. IT II.

## VINE SOITS

HarhMeyel as may be almost every subject perinitag to viticulture, we were novertheless
Mr. Cramb, in his interesting paper, read
anchenter meetua, writh some new food for dis
reapuet to respect to the des wath some new food for disoussion, of cortain soils for Vines.
fe are minethed to Mr Cramb, who is one of our best

$\qquad$
 voll thriy loam, worders have beon *uq from clay on the oge haud to sand on the other, maly ali the writers on Fing rulture ferommend the
 ofer velured in the fields of the seo ogiat and chemist Grape cu.that.ou,


 severely 1 thme ealled to areotut Mr Cramb lat
 ant in the sinnt of coniras ing the or fasta fornsid, with an honoumble destre this to shat some usefu. and reliablo information. It may uut bo a pleasant upset such a lonk-cherished pet theory as lila has been. It has, as it were, become so wound up in his very existence, that, lover-liko, he can see in it
no blemishes, nor listen to one word of argu-

 that I have not only read his paper carefully, but I had atsu thie pleasure of hearing the suthor maself rear it. I aun told that I hate "no right to - 1 lt up truth," "hatever that rather ambiruous expreain may mean.
Is Mr. Cramb, himelf, the per-onfication of truth, that his writings must be asceptes as the veriosi, nospl: Mr. Cramb gives us, a few facts, wheh are raluable, and it is a pity be did not contine humaclf to these-the rest is behef or matter of opision. Very It 1 imposible for any one to ras up from a perusal so wuch to ath, or even to prove " what sis, 1.5 l lest have his verdict ic farour of the alliceons sith of the ol red sandstone (cot excludng nthers), as a lahmured attempt to prove bad, and
areacireons matter in our Tine borders, The questinu, naper, butt are calareout sank ingurions 1os Vime I hope I have shown urders mrevious writings that an le vers liberal minled as revards Fines and ans one had of $\rightarrow$, is , whether the mas or fortion of it le

 permeability in its reastions to heat and moiature and
its power of rekaining and transmitting under all
circumstances, wet and dry, the necessary auantities of moisture, are of ten times more consequence than its Elements of Arricultural Chemistry," sas Eoll must not merely be considered as the source of the morsabue food of planta, for it las to act alao is a support for them whyle growing, and t and unless it powsess all the propert,es which fit it for this purnose it may contain all the elements of the food Fegante, and yet be nearly or altozether barren. Fegetation is by no means a sure indleation of the prosed. over and oser afain, that plants frequently possess in a great degree that whe 'h is almost entirely absent from tho soul. and it must never be forgoten hat tho essential food of plants so fund in water with light and air; where these, therefure, can bo beat
upplied will the plants best succeed. There are abundant examples
Tine is are abundant examples to prove that the rine is one of the most accoramodating of plants alterations in our Vine-borderg, that I have had to note another illustration of my statement do not find the roots in the fuely propared
borders of Wimbledon loan I do not fund them greedily devourine the top-dresstnge of manure which have been oft applied. I fiod them, honever in the
gravel halk. Ind them clasterine r sund the broken
 liudiey, in the columns of this paper wrote a giomring account of Yir. Wilmot's Pines at fleworth, telling as chat heir roots were aimost entirely in coal ashes and coal clinkers, which sat overybody with sny of thase
commodities to spare to turn then to good acount
in their Vine-borders. But I need not multiply in compose and manipulate his ioner will grow zood Grapes

I an not about to disputa for one moment that the calcircoils mixture, as he lias foand it at Tortworth, or that l.e has nut and srounds for preferring the one to the other. Ire we, however, to bo led from experience of Mr. Cramb, to such a hasty conclusion,
and rroter again't the presence of alt "alcarenus
natier: I hope that I Lope the sub, ect now agiteted



 dow not exis tha atateof Ial ro 10 Hes to be made


 thelf, or whith, ur etf te lane, arthuthor th 心 earbonale of masuest, wher in a cormprocut part of the

 ought to have cuable 1 Mr Cramh to undernain ! this
 oil approsel to a state of carlontite risto yay ina that
 it becomes. Chalik and hmestone whon burnt form ime ; the buruing drive soff the carbonic acid; it is than custio. By exposure to the alr, dio, 1 l ggain sbtorhe

 hoo op mivan of the mual leand them to theluding Sir H. H.ws The oril, therofore, of whill M1r. (ramb complains musti bo trased to the magnesia, and not to tho hame, Jet it in dilli alt in ar gut for the even here wo the soik ou the suakhesoma limestome are as fortule us ary others. The question whath mill come upparMr. Cramb's?
All fert.le soils, 與y our loarzed ohemints, contain some prothen of osloareous oarth. The three earths
 one of these singly can bo considered fertile, and the aneet bolls are thowe in whinht these hareo earthe are great river valley: that (f tue Thance, for example
 finere dolt umi noher hant, or hand inore favourable pileased tu tall its naturil state, without any adiansture hatever: These are Ca, ied allushal loams, bong the doposits las water fromb the sianouls formations, along there in a cond perventice of celicareons mather, ation folazhy lie almost sterile

 upply of in stine than the former In a rawh repunty shiceulls soll shonld yove the best, semyly because its great porosity allows the superabundant moistruse to decompose manure faster than do either of the other for the cultiv. Cramb confirme somewhat by havin part manure, which must strike every praotitioner being a very large proportion, and tements one to faney hat the silex had not, after all, such a great deal to do with the sucuess.

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                                    (T, be (Dort ruel)
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## EVERBEARING STRAWBERRY

Durivg the last two seasons the agricultural and horticulturat world in America has been much interested by the advent of a Stramberry, claimed to be new by its introducers, and affirmer to bo an old really is a curinsty, and thout taling part with ether its proprictors or usris, I will procead to Tho plant is called by its propretors the "Moxican Everbearing Strawberry, "it has been most extensively Everbearing stramberry, it has been most extensively
advertised and putfed by one portion of the Press, and considerably decried by the other. Strange to saj, those who decry the phant, "don't advertise it;" whether from not being pand to do so, or from conis quite clear that tho advertisenients are very long, is quite clear that the advertisenents are very long, the beginning of the prosent season, about May, the
writer froeured some of the plaut anibset them in his
 bround, and throw out new leaves, than they also began to blossom and bear frult, and they have con-
tinued bearing ever since, the plants never having been three days without ripe fruit on them, and now (October 8) each plant has a nonsiderable number of
berries on it in every stage, from the blospon to the ripe fruit. By notual measuramant of some just picked,
they are one and one-tenth of an incli long, six-tenths of an inch broad at the upper end, tapering to a blunt
 o aord as many hands theery are fery plearant. They mould not be much noticed during the season of the ordinary stran berrie- bit later thes berome a rarily and a treat; thee all part from the crown in their size, the forter is perfeit, and requri- 10 other
to fructify 1 t, it is sery sinall, and the plante are, as a The plants do not thross man5 eres miti blossoms. The plants do not throws many offsets, but many of
nd konetines the fecond offset does so too. The proprietors esam parhaps more the plants at two doliars and a half a dozen (10f, sterling), temptation is strong to do so; but that it is an "everbearing" variety, the writer can vouch, as he has gathered them, more or less every wex
during the present season, and they hlow for fruit now as much as ever.
Whether it is a new veriety or not, botanista alone can deedide, but that it it a Mexican varietty, the writer is
 brousht, i.e, the mountain range near Jalapa, Mexico; that he had there seen it in a wild etate, barring pro-
fusely, frome early
spring throughout the year, until fusely, from early spring throughout the Year, until
the frost stopped it. Of course the frosts in Mexio are not severe, but the plant oomes from the high Andean chain of montrians which form the highlands of Mexico, from 5000 to 10,000 feet above the sea. The
berries there are much larger than they are here, and higher đavoured. In Mexico they are delicious, but there all truits come to greater perfection than elsewhero. It groms well under glass, and in pots.
As a native of $a$ hot climate, and from its everbearing habits, it would I should maggine be a valuable variety
 tive speculation. At all events to those to whom such fruit all the year round is an object, the experiment would be worth trying; the plants could easily be sent from bere by stearoshit at a small expense during the proper season. The traducors of the plant say that it it is etrange that the old bush Alpive has a much rounder berry, and is a very shy, though perpetual bearer, whereas this is a long slender berry and a protiose bearer. That it it an "Alpine" or rather an good evidence of ite existence in a wild stato in the Andean ravege, and in great profusion.
The plant with the writer is not a strong grower, but it spreads into a stock of several inches across in one seasod, and thus each plant becomes a considerable lighter green, and different obarrater from any of the ordinary cultivated varieties. They have not had fair play in the writer's garden, which four years ago was a play in the writers garden, which four years ego was
mere sand-bed, bearing nothing but the poorest kinds of grass and Sorrel, thougk now brougat up to tolerable fertility by manure. No Strawberry. how-
ever, does well in this garden, and bitherto all have ever, does well in this garden, and bitherto all have
died out but the "scarlet" and the present Mexican. died out but the "scarlet" and the prescnt Mexican.
The latter has not yet stood tike winter here; but The latter has not yet stood tike winter here; but
the growers assure us of, and warrent, its perfect the growe

As a stook for raising new seedlings from, it must be Valusble; hybridised with others to inoresse its size sud favour, and care being taken to retain its everbearing gualities, it mast become a uselu Veriety or the Canada, Octobier 8.

## POTATO CULTURE.

I HAVE just secured a most satisfactory orop of Potatos, exbibiting all that could be desited in size, quality, and quantity, and as the results obtained are by no means general this season, I feel more asatisfied
that my suceess is in some measure due to the system of culture I pursue, - a system, it should be remarked, calculated to counteract the dieadvantages that attend the cultivation of Potatos on cold clay soile, and which may be called, by way of distinclion, the super-suriace plan of planting, The system was devised to meet certain dificuities attendank on the gromth of Potatos on cold retentive soils; but its genersl applicability to It would be vromg to dormatise on modes of orltare practised in the case of Potatos, so various are the circumstances of soil and position which exist in every district; but if every large grower of Potatos were to try to Jearn lessons by his failures, and borrow hints from his successes, and so adapt his management luf er of fewer failures in the Pokato erop. My Potatos are grown 10 well worked but strong coil, reatiag on hay. 5 inches in deptb, the Potato sets wrese within
Ginches of the cold subsoil: so placad, the rooks of the

 and jight we man give it, deep rood mould, and immunity from sour soil, in which water rests and apart, baving well dusted the ground with burnt egrth and wood ashes. The Potato rows are drawn out 3 feet apart from each other. The soll for 18 inches on each side of the rowis drawn over the sets in a oontiouons the ratural furows thus formed are made deeper than advantage of being above the way the sets enjoy the never rest among the tubers. The Potato thus placed has 12 inches of roon sotl belon ith ryith pased 36 inches laterally for its roots to ramily in. The rows fre run east and west, 80 that one side of the ridge is In expoced to the 6us.
use of frech manure, sed if emploged I avoid the dreasing is all I think ned if employed at ail a light and wood ashea is an application rich in the best manure for Potatos an application rioh in the best but this if notall. In diggiog I have as much of the
subsoal brought to the enrface as the weather is likely
to operate upon. 40 कoon as wind ond fron
have oansed these heavy, ger ky lumps of olay to break
up, a dustiog of burnt earth is thrown upon them, and up, a dusting of burnt earth is thrown upon them, and
the cohesion of the lumps is destroyed for ever. In thus treatiog the land the Potato geta a certain quantity of fresh soil, and this, with the dry warm drassing

 the sore, sre obtained. William Ingram, Belvoir.

##  <br> Colouring of Pelargonium Leave日.-By the leave

 $0^{3}$ you grand editors i' the sooth, I want to hae a, word wi twa ${ }^{0}$ cour writerg, that ca death nonsense. If that's nonsense, it is tind of fulery that Nature-that mustas be os a a fule-indulges in gie muokle. A the woods are lushed ower wi this nonsense jist afore the bontieleaves fo' down and dee. And in a' sic cases the fush is no s prool o' robust health but jist the sign o
comin ${ }^{\prime}$ death. And hoo does Mr. Srndy, Desn ken ony rate, he disna prove his pint by telling us as that a droothy bottom and excessive root action baith alike paint the cheeks of the Pelargonium leaves ade prottily. Nise man, gin Sandy had ever euffered frae whusly drooth he would hae kent brawly that that maks pale faces; whereas, when oor feet are under a weelspread tablo, they become a bonnie red colour; and I smon sure that it wades be jist sase wi' the plants But I canna see hoo the starviag of the roots in the Elegant Pelargonium could cause the robust bealth that maks the high development feet (roots) can matc a rosy face or briuht leaves. Gin it be sae, nor fair leddies bae only to put their feat in roses on their cheaks bloom tae perfection; which seems rather a nonsensical and dangerous proceeding, Kent mair aboot it than Mr. Sandy Dean has yot telt us. $A$ Canny Scot.

Judging Molons,-It would perbaps be well if the rule laid down for judging Melons at the Edinhurgh show. I sm of opinion that it is not neoessary to cut a Melon to arrive at a pretty correct estimation of its quaities, ualess it be zan or unknown kind. The mind, most unsatisfactory. It is simply impossible for any one to go over a multitude of dishes and make just awards by favour alone. If we sre to judge our fruits at horticultural exhibitions by flavour, it will often be at the expense of good cultivation. Rather lat us place this in the foreground, and judge with our eyes, and We shall not often err in forming a correct judgment of cloys the palate, and often misleads, but it is an easy matter to run the eye orer a larse number of dishes It, there are the two senses to guide to a decimon, viz,
sight and smell, tersus taste, but if the number of dishes are thus redured by selectiog the best grown, $1 t$ is easy to decide by favour. If the oompetition is very as it is not uncommon to find at one show that the judges have cut fruit on almost every diah, and perhaps an inferior looking collection has the award, while at the next show size and peneral apperrance ha
Helon Judging at Edinburgh. - Mr. Thampen has explained a aboot hoo ${ }^{\prime \prime}$ was that the grumbthat the Caledonian Society, alter scoorin the countrie for able judges, sent their officers to thase same judges to tell them hoo to dae then wark. They taste them. Weel-a-well, wonders will never cease If sic a mode o' judxing the Melons was to be adopted the Society needna hae sent sae far for judges. The neareat grocer body has a pair o' scales, and ony bit o' a painter frae the wohule o' Design could batejudged the
Melons as weel, or better, than the best gairdner in Melons as weel, or bettor, than the bost gairdner in
Britain. $A^{\prime}$ that was needed was an ee to see the Britain. A that was peeded was an ee to see the
beath, and a nose to sniff it a wee bit. Then, presto! least; an' ence udmit that Melons are only grown to be end and smelt and no entec, and the pion is a' rioht
onough. But, then, on sie a plan we macht jist as weel
grow Gonrit or grow Gourds or Equantren, whioh are larger an' hand-
wi' Esulde-de-Cologne or ; an' they conld be moented senses can but be pleased, wha cares aboot the taste? Sae at least thinks ane o' the judges, whe has He likewise pangs on to baud up the practice on the queereat rround ever heard o' this side o'the 'Tweed. beoteh tobacco and whusky todidy are no only atrong but irresistible to oor southern judges. But it seems that while sio things dunt or deatroy the taste, clear as afore. Noo, it is weal an' sicht strong an ${ }^{3}$ square wis oor experioneo weol kent that this doesna see dooble; and it is kent pie weol that onything that benumbs or bemuddles the palate blunt the smell as weel as sends the tasto wrang. bacca-numbed judges, wa has either totdy-muddled or times, whoot nocorin Englad for them at show limes, But Mr. Thampan has mast to say in favour ther mode of tasting a'thegither, because it gios us

throe senses against tewa? Or does Mi,
mean to say that the judges whe insigt on up their noses an' ulude their eon? ?an ? baith see an amell when he is lastia' in the baith better after the Melon is cut than to the skin shuts in the best $0^{3}$ the perfume on
the texture, an' baith $0^{\prime}$ these tell quality. I' the face $0^{*}$ Mr. Thampoon
Wise officers o' $^{\prime \prime}$ the Caledonian Horkiontin Whase rules he thomires, I mak bur the ithers put thegither, $2 n^{3}$ in faot is bit
ocht to be firat considered. If Melons be word as ohignons, or suspended as now y. but as they are growa for to please the senge $u^{7}$ teste ooht to be consulted an ${ }^{3}$ h judging sio fruits. It's no a questio senses doinc their very utmo b An' Melons are sio kittle fruit to ${ }^{\prime}$ sharp nose, a keen ee, an' a weel cencont - as ' them numbed Wi'sbacea, nor mudided niven pae been $s^{\prime}$ richt because haith seems tothent
 nutil I read Mr. Thampson's letter, Ithod ive nntil I rea
 n saying that I think the judpment, merthl meddes an muddie fra berinning thy
 hows, a gude mooy $0^{\prime}$, a wili rather iwe mot hame than hae them sniffed at an' patw he
fashion. The proof $0^{2}$ the Melop fith pudding, is $i^{\prime}$ the preenng $o^{\prime} b$; $a^{\prime}$ ' it attempt to judge the former wi' a lookd ant aiff or the nose, as it would be to tesk han puddiag i' the same way. If the Iruitis habu ana the prize, lot it be keepit st hem, $=1$ uality comon sense let it lihe Eron inseots winas eat their fruit nith heasi 300 if it 's gude; and surely oor jndma Herbsceous Grafting. - A Do
rilting on Potato arafting raminds men ut ments tried in herbaceous grastivg dun part of the present season, and whin Congreta, "On the Influence of the Strat ine cion, \&o," sud subsequently pubbisk, cess Burnett) says :-"W"Lat I value mosh moilioe eeds that may be produced on the gratu This is precisely my wiew of the subject Beana, Scarlet funners
hether or not the stork whil produce nof ${ }^{\text {sit }}$ b influence upon the produce of the sclon. 1whers cannot bo ascertained before next semon cies
 ratted upon tho common dwarf Froach $\mathrm{Hing}^{\text {ping }}$ was contrary to my expaptation, and the ghom bow the robust and
woanf gry sustenance through the fryms shen the soion to emit roots sbove the junction the other hand, dwarf Frencle Bes Suarlet Runner were considerab tae same varietibs growiog upou weth on phada in nember of the cases can I perceite of hare
the seeds so produced from that p. Gnu fran
arown upon their own roots. P. arown upon their own roots. folinged Pelargoniums for the purpose ith b. decoration," I intended to say Or

## Potting Liliums. - Hark ${ }^{1}$, Natulu the to londiy oalle to "W. E.s to disconsinu ithen aod we see him apologisiag to tho aid artars a pity " W. w ." had cot got wishin bourolat Because she has been gaying the swe the whine Now if ". E." will folow Natare tha Wigiog

 such-will he pardon me?-nonsens whth the stem-and tise "scaly bulbs b ongaged in enllecting support frow fresh: and fresh: I say-pot your bulb is least active, fo opinion never etern begins to deany of its resting period bulb seems to draw up to make other roots, and the "invisuble as this proces is completed,
the bulb will begin prepare itself to throw up laid suoh a foundation in it atem will not
I must refer
kentlemen her
spa been ras explanstion

## tent to shide by the teaching of our forefothers, but as. like "W. F, awakened by the teaching of

 folloming uy the nrocess by whieh she of i $s^{\prime \prime}$ note, it is candid. I hope he wili I : " note, it is candid. I hope be the task of explanning "spring." I wouldreanectfulls ask Mr. Smith to give us the
interpretation of his time of "poting" Lal.ums. e interpretation of his time of poting "Llilums
would adrase "Youngster," sud all-I question if Shinning, the case may require, to prove it, and in at once. M.
ine Roatit.-When I propounded the question (see be ad of netr rootlets? I expected that it would be collizentl) uaderstood, and debated upon its merits. seemed to me to be a very suggestive question, tually co-mperate to settle the question. In order at there mintht be no misunderstanding of the text, ung rootlet formation, was more the congequence D the cause of leaf and branch manufncture. This no foregone conclusion, but warranted by repeated arsations of Yine plants growing under hiflerent theory propountied. Mr. Kmaht s adjitiomal to speak wilh more decision and power,
Mr. IJawson's observatione also Ro to establish the construetion and meaning oreced. But 0 run axay with the rdea that berause nsiolo manufacture doos not take place simuleolsily with lear-and-branch development, that den that the extabished roots are committed to the leaves and branches are entiroly indebted to stem, Which 18 supposed to bo like a river and its dutaries. the river of sap which 18 manufactured into neh extension flows uphull. Mr. M'Mulan, who aeh extensioncular attention to this subject for a
siderable partine," seems to fully appreestate and
side derstand the hydraultc pressure of sap in active oinon, and its tendency to ooze out and "bleed" at
fracture, when it cannot be otherwise utilised; but - instance, as un other physiofogical quertions-such, left somewhere equivalent the increased bulk of every bud upon the tree," and theory as to leaf-fall, viz, "hy their (the roots)
ire to an to rest refuse to supply the food ire to gn to rest refuse to supply the food more or gina! than sound ; and in fact, to borrow,
 vending Eap into opongioles. llanose puysiolrods intimate relationship, and because we see leaves
brunches forming in Vines and deciduous trees
 action wos fast asleep, or that every available Aisle of sap was withdrawn witinout the ofd roots power to replenish themselves. That seems be the foregone idna upon which the whole sap elaborates itself, and manufactures of heat and moisture, and of plant A heated Vine border will accelerate but only in degree, as has been dantly testified by pot rines, where root
branch are living in the same heat and atmoBut by far the most important lesson to nng, and not preceding, bor going hand in hand branch extenopon, follows on \&iter the wood is rentiy ripe If the ascending sap takes priornty in race during spring, the descending claims a given mple adduced by Mr. Dawson with the Gooseberry and the oft-observed habit of orchard trees The vine plant shown the same habit, ared the same theory, as anyone may see by
Fine borders that the white spongoles, the ere, are cryiug "Give! pive! "" when
apparently ripe, and plants seeminkly in as too early pronine; and is there reing necessity for the conservaney of
ibese choice plants at that particular border exposed to the elemente, particularly umnal rain and cold, bodes no good much better plea for autumn than even early When, ar you remarked in a recent leader, the cell milatnt and is consolidatiag nutritive material.
 Prudohulhous plants, agan, as in the case of are only furnished with roots on their own account he joung eroz ths probably are from tro to three in whut they aro growing may be well fur-
d with roots beforo their crowns show symptoms ator studying their various habitu and cateriag for accordingly. To be sure there are plenty of
aboormal instances that might be plaood on reoord, an root base and puchiag leares by a resersion of the sap, also to adduce instancere of
 aperem took place. To the best of my behef, founded
mately
on several observations, I am bound to declare upon the side of those upon whobe banner ze uneanbed
" apongiole formetion in the consequence of leaf and
bro branch extension.". Jotmer Anderson, Nor. 22 an
Do Vines oommence growth without root action taking place ${ }^{\text {B }}$ Buds cortainly cannot oxpand without a fio of sap takes place, nor "taties" enpout from the same eause or, more properly, I shoull say, without in the animal or vezetable world without a continuous supply of hfo's juice, or a sufficiency of it stored petuate, and multiply their kiad. If a Potato or orhe fleshy root were kept in a very low tempersture pro bably growth would not take place. Apply heat, and the stored-up sap at once expands, fuding a natura large tre of cut down carly and full if sald. Thm return
 buds into leaf. Ans one who has attempted io ston Vine bleeding osn form zome ide of the immense pressure caused by the flow of gap. Do what you may action, so in proportion wisl the sap be propelied rasulting in robust shoota and handsome clusters, Your correspondent, Mr. Kmaght, unfers, that because and yushed into leaf, that a long broomstick-like Vine mild do the same thine without the action of roots, after this heat and dowing that caused the sap to fiow more actively, and a corresponding activity at once takes pisce in the roots to supply the uncreased demand. If your correspondent wats proof of this action, let him sever all connection between roots and top of one line just before starting his house, and was the result. I Fill venture to prediot that soarcely a bud
will break. I am of opinion that roots are ever at work in a greater or less degree, and that the circulation of sap is as continuous. If it were pot so, the branches of pvery tree would be dried up by the wind and frost of winter, and nlants would cease to exset,
Mr. Dawson appears to have fallen into asmilar error in the case of hise Gonseberry bushea, as he says at the in the case of his Gonseberry bishea, as he says at the
time they were formumg roots, there wis no correapondtime theey were formumg roots, there was no correspond-
ma nction taking place aboveground The rats hal
had their allothed work, viz., to supply wood, rind, and had their allotted work, vias, to supply wood, rind, and
hud with sal, and heep, the whole plumpl, reaty to wush
forth fresh leaves at the prover time; and wno shall say forth fresh leaves at the proper time; and wno shall say
that no increase of rind or stem wha taking plaoe
booguse not visible to our ken ? J. Shappard, Gr. to
 allow me to recommend the above. A cutting was given me in February last: I struck it at once, grew $1 t$ on. and began flowering it in the first week in Aurust. 8 feet highand 1 feet $\sigma$ inches in diameter at the botom it ig a spandendıd. Besser with being a free flowering variety These two points, I think, are generally forgotten by the raisera. What we want is something that wil grow, make specimen, and repsy us for cur trouble.
T. P. Turner, Gr, to E. S. Simpson, Esq, Walion,

Yeliow Hodding Plants.-I find Enothers macrocarps a most efficient plant for bedaing or ribbong, it grows evenly to a helagt of 8 to 9 inches, but should be peaged down to ", or 6 incles; it is a hardy, herbaceous plant and a free grower, and lasts all the summer in
bloom. I have two round beds of it, planted 16 years bloom. I have two round beds of it, planted 16 years aso, and at continues as beautifui as when first planted.
This old plant has succeeded better than ansthing This old plant has succeeded better than angthing I have triod, and it suits itself to almost any soils and seasons. It is easily increased by seed and divisions of the roots, and cuttioge masy be struck under a havdglass iu andy soil in the spring, when the cuttinga are inches long. William Smythe, The Gardear, Elmham.
Amaryllii Johnmoni.-I have here at preseat a bulb Amaryllis Johnson, with two larke blooms on it, each bloom is $7 \frac{1}{\text { inches in diameter. About the }}$ were large and fine as aoon as they were over it
May-they were cqually large and fine. The last four sears it has had six flowers in each year. I should like fower a thitd time in the yeai. Robert Stokcee, Gr. to
H. C. Marthall, Esq, Westwoad Hall, Joeds. We suppose this to have been a case of "antioipation,"
where the buds, destined under ordinary circumstances for future seasons, become developed before their
Cordons and Calvilles.- In your report of the last mecting of the Rayal IIorticultural Society, tit is stated
that "from Mr. Shepherd, kardener to P. Laura, that " from Mr. Shepherd, kardener to P. Laurie,
Fsq, Pankill Park, Sussex, cane a good dish of Cal-
ville linno Apples from smail trees on the Paradise wock :" and further, that to these Apples a Special
Certicate was given. It may intereat some of your Certlicate wha given. It may interest some of your tree worked on the true French Paradise theck that
the trees (maidens) wero planted during the toping of the present year, and that the fruit wis matured againgt a gouth wall. It need hardly be added that the

Trentham and other large gardons, whe Complared to to these other chere it is much mere Crabs. The trees from whentugton latel? nere
 considernblo vuriety of frait athered from oor showing the besutiful tad pabundmating and a plant
she the treon are betraying a trave of the contortions or nakedina dwarl trees grafted on other atocks when submitted to the oordon form. Both fruit and tree came too late or notice. In doing me the honour of reproducing of Parks, -a cut wheh shows lons the Calville Blanc, al the fiaer and tenderer French Amprina, and Britinh Applen may be gromn to a perfection they have aever jet nttained in this oountry-rout prise the
 prove of funimaly vertor use fo sll the laras pardeas n these islands. In the pardons where there 18 rpice
nd light and iutelingerce to gre 11
a furs chance the those shove named on low Falls, the fsoce of pite, tc. in the gardens Where there is a large ruit room to be
 will bo found in rood time all I here asortod it to bo 1 mayadd that I have had some of the finest Applee Rrown on this syetem in the past unfavourable season rom Mr. Tiliory, of Welbeck -one of the largest and noblest gardens we have: and I hear that Mr. Stevens, of Trenthum, is also tryiog the Eystom on a large notele

## Balibburia

bancuris adiantifolie. - The fine specimens of Salis all surpassed Pies all surpassed by one in the Botanical Garmen a 9 feet 7 inohes), int 3 feet above ground. In could not take an exact measure of its beight, but I am sure that from must range between 75 and 90 feet. It wha reoeived from England, and planted in 1787 . It in a splendid which the leaves asmme before falling. Tro other 6 feet, and unluckily male trees, like the first. Ithink that thia muat be one of the largest, if not the largest, of its kind in Europe. The Grakko, of Montpellier, is

 breet-it 14 a periect cone of verdure, the sireadigg a Luturus Camphora, planted in 1849, measures 4 foel the garden, A1sculus Hippocastanum, planted in 1097 , has attained 10 feet 6 inches. I will send by-snd-by some otber notices about remarizable trees in Italy, aps interast your reacers. Ou remains of her ancient forests, more rich in are and remains of her anfient foress, more nich in mre and We cordially thank our correspondent for his communication, and shall be pleased to reoeive the noticee ho
Cedrus Deodara for Timber -I would advise your correspondent "O. M." to be cautious how he plants the Deodar for timber. If his land lies low, and is well sheltered, it will do; but in a high and cold situaton it will barely live, and never become much more hanis shrub. Ihave some on my lawn, 1100 feet above the sea. They were planted nine years aco. The lest
of them is altered from the south-west by a high of them is sheltered from the south-west by a high benk, and it is now not quite 6 feet high, end two others more exposed are siarcely
tonies planted et the same time are more than 10 feet high, stout and healthy, G. A. B. [it is quite clea there are Deodars and Deodars. The eevere frost of a few winters since destroyed the tops of seversl sud
left other adjacent trees unscathed. We can scarcely left other adjaceat trees unscathed. We trean scircely or northern outies, nuless under exceptoal circum

## Tberis gibraltarice-May I record a few words of

 praise of a very beatiful hardy plant not generally Iberis, none are so ornamental as the Candyturt, Which decorates and takes its name from the Rook of plants whioh have almost ever since beem continuously in flower: and one specimen in the open border, whichwhs frozen hard three weeks azo, is now (Nov, 19) Whs frozen hard three weeks aqo, is now (Nov. 19)
covered with delicatelilac flowers. The corymbsand individual flowersara trica the size of those of Iberis seuper Firens, and the folisge and habit is also much larger.
It seems to difer from ail the other species in being a continuous blommer, the lateral shoots outgrowing and propagated from cutings, The usual colour of the flowers is a delicate lular, but I found in the mountains south of Tetuan, in Barbary, a variety with pure white
flowers. I did not, homever, succeed in preterving it in a living state. Messrs Hackhouse, I believe, importad the plant irom Gibraltar last yesr. George
Hav, F.L.
Benthall Hall, Broseley, Nov. 19. [See an article on this plant and ite allies, at p. 711 ,

Telastoma granulosa.-The cultifation of thas showy
rough sandy peat, treated os a stove plant during the stopped until spring; then shift, and grow the plant in an airy greenhouse till autumn, when it is pure to
blosom freely. I do not stop after March. Young shootes, not too luvuriant, root freely in bottom-heat under a bell or hand-yltss. I have a young plant here now, not more than 2 feet high, which a wreek ago had three large bunches of flowers on 1 t. The plant is not by auy means tender; the stove in which it is growu during the winter is often below ${ }^{2}$. P. Frost, Dropmore. The snecimens forwarded by Mr. Frost were very beautiful. EDS.
 ing the Blue Viola, which he saw in bloom here last August, and I hope I may bo pardoned for correcting a mistake which has been made regarding it. It is not Blue Perfection, butwas sent out a few years ago under such mas the name whicd I received with it, and
whet I $I$ have every reason to believe correct. Wh hether it is, or 18 not, synonsmons with the variety sent to
South Kensmantni hy Ir. Jobson, I cannot qay: but in and perpetual blooming, and deep blue colour, I may say that I have not seen its equal either in the spring or summer garden, Many visitors to Wilton House, Allow me to add, if any one is particularly desirous to possess it, that I shall be happy to make an exchange possess it, that shall be happy to make an exchange hor a white Pansy, possessing the samn moorl qusities of
Wailton IIouse.
Ionsters delioiosa. -This luscious fruit has been brought to great perfection by IV. Addison, Esq, of Oak Lawn, rear Leatherhead; finc frut, measuring upwardz of 13 iaches in length and 11 nehes girth,
have riponed most successfully, thie scales swelling most have riponed most successfully, the scales swelling most prominently and separating distinctly when matured, exposing s delicious amber-coloured fleshy frut of
unsurpassed flavour. The course of treatment pursued unsurpassed thavour. The course of treatment pursued wishing to grow and mature tropical fruits. In an ordmary span stove a brtck arched chamber was constructed, throush which the flow and return pipes passed, a false bottom was land on, and the Monstera planted out in a bed of loamy soil of abont $\stackrel{1}{\hat{V} \text { feet in }}$ depth. Iuning the arowine season water was plentifully supplee , but alunst withhed after the spikes of flower were sct. The sulderranean warmeth was kept up correspond.agly to that of the atmosphere The result for table up ta is that whle the auxuliary buds the terminal shoots have all again set flower. Thus the fruiting of this tropical delicacy, and indeed many easons, together with the terrestrial condition of the
and a cystron of treatment hasen unon these principles
 up a anol suph s of gren Penturensh the winter by a pot of Mianlean's Little fiom, a delimpuls carly early worly, nel is undoabtedy then best fise flost prapose. These, when sown. are plačed in a cold to the shelres it the sarions boticec, to come in 11 successiou. Mr. Carmietian kathered the first duath on the 11th inst, full-sized l'eas-truly a dish to set before a prince at this time of year; and a succession Fill now be kept up for some weeks, Mraclean's $L_{\text {a }}$ title Gem, mast not be confounded with Berk's Lattle
Gem, and greatly indebted as we are to the late Dr. Gem, and greatly indebted as we are to the late Dr.
Maclcan for so many fine peas, we must especially walcom: for carly use twn sumen first-class carly Marrowfats as Marlean'a Littlo Gcm and Advancer. We
Want now an eariy Pea nomensing the chararter of Adrancer, mith the earsiness ol First Cropt or Diltistone's is. $l$ - - am still obtaining Peas, whech
were suppic I to me for I) innel ()'llourke, that have been grown without any protection, sud were somn in the first weok in August, Another, of which I do not know tha name, yrolded well up to the fnd of lavt



 The oncy "on titoms are to put planty of monthem. decompond manaure in the trench where they are sown, and never to nllow the earth about thour roots to become afterwards quite dry. Llso, in the event of very dry syringe them well overhead occasionally with a mixture of soft water and sulphur, in order to prevent the midew appearing-with which, as every one knows, late land, Carmarthenshire, Noo. 18.

## Foreign Correspondence.

## Prospect PiRh Brionklym.-This new park, the

 larigg-out of wheth las been entruated to the same ploted, and must be pronounced to be one of the finest and variety of surfice and decoration it is fully equalto the Central Park, while it has already even a more aged appearace timber trees that happened to bo on the grace. The new planting, too, has bean done with
paterial sufficiently larre to give imraediate effeot, and, owing to skilinl previous preparation, the trees, since
owey have been put in, have thriven untisually weil.
they have been put in, have thriven untisually weil.
It wril thus be seen that in selecting a site for a park it is important that such natural advantages sthmuld be secured as are found in well-grown woods-an agreeable variety of surface, and far prosipects, buth of
distant and local sope. It is true that a
dite distant and local soope. It is true that a site may be
defivient in siny of theies charaoteristios, and jet mith time enough and money enough be convertibln, hy
well-directed skill and labour, into a mark of variel and well-directed skill aud labour, into a mark oi varia in are most desmrable to be added should have been al resdy
provided by Nature in the immedinte vicinty of aste, it would bo felt ou the one hand to be an extravagance to repeat them upon it by artiticial means, while on the other the disausantage of its being without tiseu there are two possible misfortunes in \& in ite which, in
ever be remedied: these are, and lomate dimemsions a sense of enlarged froedom is to all, at all times, the coost certain and the moat valuable gratification Therded by a park.
The scenery which favours this gestiffostion is therefore, more desirable to be secured than sny other, nud tane various toportaphimal conditions and cireum much in the proportion by which thuy give the merys of increasing the general impression of undentied hmit. the degree of this impression which will be found in any particular park must unquestionaby depend very to say, on the manner in which the original topagraphical conditions are turned to acrount by the designers. The latter must first determine what accommodations are desirable within the nark, and next how these shall be situnted with reterence to one another and to exterior circumstances; for the best bustines is to materest it in objeets arreeabio to the t.ste, aud, at the same time, entirely different from the objeets connected with those osupations by wheh the ought to be found by townspenple in a park in what (1) mantatn anything of a rural, mstural, or tran quillsile' charaeter; the driving room, riding room, walkng room, skatimg, sailins, an 1 playing room, must be not only liberally designed, but nust be studied and be notonly liberally designed, but must be studied and the greatest care.
These points have not been overlooked in Brooklyn Park, and I may add that one feature peculiar to American parks is having in them what are called adanted to the ascemblate of large numbars of
 is ohtatsod a vien of the plewhhourmg harhour, offing, and other scenery of interest. . were, the ocean oscupying the highest ground int the prack, it is fxpmesed to refreshing ser hreezes, artud at tho same time a view san be had from it of military speviacles held reen is proponed to form here a terraced platform 1100 feet in lenuth, with seats and awnugs connected, hy a for car terrace walk and starcase, with an oval court this "look-out" broad walkg leard across the park to the east end of the lake, Where, at a point commanding the largest water viesw, togethor with a ruch opon verdant landscape backed up by evergreens, arrangements for oplen air concert have been made.
The orrchestra is in be situated on an island in $a$ hay the maine, ant that it can be wen rrom three al ins On catanere the musion of a well-apponted band man he prifectly appreriated, standing room is provided for horses and carriages in a carcular space abo it sin feet unf leet long, aml 1-5 feet wrinat whine in frime at a
 Mrenmmodate upwards of 10 ,(11) peopie.
Midway between phat is ten
Blidway between what is termed the "look-out concourse and the "music concourse," and with
apprombea from both, a Beries of terraces and arcades
in provided, nonnected with which 18 room for restaurant. These terravos look out upou the lake, and with the vurf.ce of the . The, it can be read fom the ce in uinter or from bent ill winly esterad unper terrare 18 sim feat 1 m , engta be im fert in widtle These areades pare of the strumber 17.5 fent by sell feet. architectural feature of the to form the promerpal Of sylvan eharacteristue park.
ble importance chacteristica there are four of ronsi lerslopes of the upper lake some of the freen sward and forest trees stand singly some of the finest Aneriman admit of the amplest individual open groups, so as to in the central portion of the park is an open grosend orest trees, in wibich visitors may ramble in shade Wishout mpediment from underwoon. Thard, a coiler both Conifers and what shrub, especialy evergreens, plants, sueht as IR what we call in England American Andromedas, is arranged in a naturat way. Fourth, there are picturesque groups of evergreens and decidnons trees and shrubs on the shore of the lahe, while

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 Is rezurla, Wutar, the park, like that th

 fron thit print, the pump for that hat
worken by sumb-Duwer fine strem the
 overhuner by irees, so as to quare it the re
small mountain rivulet taking s rem With nimerous small rapids, falla and bis rucks and Ferms, unth it cmerges form on quielly unltl, after failmg orer a onat pantention sitle a font brudze ouste that on appearance of a small river with hid concourse," empties itzelf into the ath lake Lere, on the north shome 10 th mented witil arge trees and small thictar for water lilies aud other andatio phe or water lalies aud other apuatio pheme appropriatel r nriament ame porthom inis
In shape Prompest fith is somentich "sing alarly enligh," remarked a Bes esitranden are at tha eormers". Bulter theur poxitions had not bees in dedieman in
 amd termanal 10 all 'rfenue. I mivi Connuarable nith 11 , except the Piscodsto Coris. It is madn to pass through an min这解 vemurad Imed witl lrer,

## sides 11 variona \& 1 remboms

,on, someth, ng in t , a shape of a botso ountain in ite centre forms an eleantion fast two of thay man thoroughlares thit

 Is to druwes, the prine pal one, comat
width of wo fort it the entrance, pasd carried in a sout herly iliroction for some ber tself to sonse liwly gromad in the neirblon whimh a part of what eniterly branen ifata nearly di
 extensive grassy ${ }^{n}$ ]ade, dotted mit
small masses Contintina or indicated, this roard soon carp aveends to a jount from whi prinextral open aromul of the park. Fat the roal denrants
a battlo wheh is reportel to har lid near this sllot. Is Prosing thround pe
in question, a riow is otsined an glade of turf to the left, opposite sudra by thick coppice wo right tho drive contimups to $p$ as
presently divides into two smueml by whikh manns full centinc opportunitie. continuen to rimi in a sontherly
approsehes what if termed tra boundary lime, at this pont it dind mailed the milaso concourve triveralt ormasing the two share m o weat ris direst
 rearbes the notat al le of l.00k-out

 drive is about $\mathrm{F}^{1}$ I mrl les of
lake: and 4
intr interest within easy aceess of to reme porat in comection with ground nutside bougna alo out from or is ylanted orname with or view ang thrine thech woud bugs of American prat Lark Comanaqionera nbtul catefully is amply



 heir open
Myde Park.

## Societies

\section*{嘘} $=-2=5$ | I the Chrysanthemumes, and plants with |
| :--- |
| With Poinmettias, standerd and pyrimida |
| inged about an the talbles, helped to vary ani | F

## ?

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 edition of the "Ssytoma Nature." from tho Muxazin in his



 lance baling causo

## Totfecs of 3Books.

First Book of Indian Bolang. Bs Whal (hywer F.R.S., F.L.S. With numerous Illustrations. Mer millan
This little work is an adaptation of its suthnre
 reysore form an rtenllent handbook of elementary
physology and of sys. physology and of sys: ..t botany and wo pladly
see them. in their $n=$ ape, fited for the use of

## such work. In its or.gloal furm, with the olliustrahuns

 then ontiroly from Britidh plente thi -ith tho surie the British botarist, its valuable costents wero comparatively uselons in Indin, the jolants selerted for deacrim-i.on beine for the suost part beyond the reach of the student.
The work is divided into two parta, The fir-t of
these anled or The Elements of Structuras and lits an locial Bintany, is very mearly 3 rapint of the l. "sancs." with this important excel lount that Indian are creetrif in deweplion in the mominal Buttercup, s herbacous plent, in whioh all thr flom organsare perfeotiy distinct As the speoies of Ranumculus are not at land in most parts of In ina, the ctin tont is direvted to atit is the fhamarters of titn sinm minnon anmual weit andilioseof lite fintor in

 mod, fications of mhe - mant mation of organs, and interodire al to suphey tla ir maze
I'/a wapand part, or "F'r-t I3 ak of Iadian Botany, a necesarily an enltrganint of the ryatematie part o
 aatural orders whel hive to be gence ofct. It besins with a chapter on clasgification, in Fhich the principles
on which it is based, and the mewning of the terms on which is is based, and the mewning of the terms

 three common species of Fig, the i vi tharselers i
 India, and the characters of all the important natur, arders of Professor Henslow's schedules and the numeron nocdeuts (by Fitch), so clearly, that beginnors will roadily nuderstand and bamen them.
Professer Olivar modestly tells as in his prefune that The has neper visited India, Ie has, howerer, had mnse to do with Indian plamts than many an Indian botanast
and he bas in this titha book mofered a ferat boma



## Garden Memoranda.

Mp Brit's NuRserst, Kivg's Rosi, Chersta- -




It reame to be a motel Orchad-houme for masteur
 slructure, 45 feet lon 15 feet 6 is lan wa spang roofed

 is a good substantial wooden coning, under thion roller is fired, which, when suitable manteriale tor shading are fantenced to $3 t$, will be wsed either for in har ing out frost in severe weather in winter The houso is d, ijed into four compmotments, The frrt is a lobby, 5 feet by 4 , which mu: be (ntered
before reaching the other divisions; so that, lot the condition of the exterral atmosphere bo what it may,
 lobby is in foet in lentth, and is inte. le f fur whe erent point in connection with Orehid caltind ulsh,
 ure, hat their beanty is noes to ereater adyantaco and will nuch nuore finasume by ladree than when the ple ato are recalarly leent in the hot and damp atro-
 6 inches in lenpth; and the third or Catule; a-II mow is 20 feot long. Bown the oastre 11.0 if . M1. 5 . imt pipor, for giving of moisture. The tarok are kept filled by a pipo and taps from a reservoir outside. These pipen piaced in the oool house, the temperature can be raisod or lowered, as required.
At the end of the Catdeys-house, a compant and useIi finter whm, homter hr bot water, 15 hltarhed 1 is berng entered from the Louse greatls factlitates jrecsution againat draught. Under the floor of this Writ is a spacious tenk whioh roceise all the mind sater from lla rool. Pipes sre laid from the hotwater 1ank in the houne to this cistern, so that watm
chilled water can be caally hat when renulred either for watering the plantw, or frany other purpose. The hot-water pipen for heating the houses are arranged along the outer wails, and provision is made for regahaing the temperature in each honse, by having I entilatian lits a ast bectil prowidel for with pin sing. Centilation hise ans bectin prowided for with than same care to prelent the introduction of cond elurents tures made in the outer wail, Just helow the
heating melim, wis that pild air, before passinge heating melrum, wh that ridd air, before massinge bot pipet, and so become somewhat warmed. The veanliation is effected simply by a sufficient numbar of small siding glass frames for the requirements of each
open, botn 1 m the breadth that runs down the centre ovar the have sission of about 6 inches berween them for the hext to pass into that portion of the house which in parti in of the stase nearost the zlass The stages

 throughout the hamis, atr the pather in be knpt connparatively dry, whicus an a cosure nearcely dreamt of


Having briefts noturad the arrangemmat of the atructure, we mas rwe soma 1 leq of tre oontents of the three divinions, by stating that amonest plants in fower in the ronl housa were Barkerit Skinneri Sophronitis grandilora, (alanthe feitwhll sujerba, the towers of which aro of a balltini warn rosf colour goveral Farieties of Lycase Skinneri, the pretty Odontoglossum cristatum, and veverat varietios of Odontoglosum bictoniense, a fithe spike af Dendrobium speciosum, and the tame of the rmall flowered Fror 11 miner Mesospinidium; cangrineam: Burlingtonis venusta, different varieties of Calanthe and Cypripedium, \&r. Several other good or rare species may be noticed as showing good spiles, thongh not yet expanded, such as Ladis, albidn. a thriviag Bpecimen some 18 inches tnrungh; () Fontrarlasam triumphans, a specimen with bulb $\frac{3}{}$ inchin arross, the nivalis, \& \& \& In one
 niveum, Fhite, from Moulmein, not yet exhibited aiveums White, from woamein, not yet extabited fentre it age was a fine lot of Saccolabiums and Fandas Whe latter between 4 sad 5 feet high. Amonggt them Saccolabium, which hes not yet flowered in this country, from, Worneo-a net locality for Saccolshinms Pauntz, from Borneo-a aew locanty firsagcolaniams onearonounted leaves, some measuring is inches in pngtz: a varic zatert-learod Farrety of Phajuq grand fora, and tho Vionet-6ennted Oncỉmm ornithnchyn-
 Arpophyllum gigante im, about wis ituclecs through,
 of thateapatas were cont parats of $P S$ hilleriana SOO aud 000 . No wonder, With suo disactrolis resel as these, that some opecies should canmruand sis it high prineg as art orten asked. Whal prophing Dendrobium japonicum, which har $31-1$ arrived innuse rare some nice fittle sit ithe end of the

plants of the new A. Ordianus. A very remarkable cirametance in connection with this house is, that singe the plants have been placed in it they bave nearly all onided marer sers and decided manner, sending ou numerous strong green "feeders" in evers direction; even old dry stems, about 18 inches in height, are throwing out roots all down the
Btems, showiog plainly that they hise their situation. stems, showing plainly that they illy been improved by removing one side of a span-roof that formerly marred the view from the entrance, and the framework that did duty as a path down the centre has been replaced by a handsome arrangement o Minton's tiles. This path being much more affective inasmuch as the contrast in colour between it and the sombre green tints of the Tree Ferns and othe fine-foliage plants, is very pleasing.
In one of the other houses we noticed the largest o wo specimens of the wonderful Aroid, God wining gigas with its top cut off, an attempt being made to flower by first inducing it to rest. Another plant, new to this country, is Psychotris cranouarps, which is just now bearing small fruit of a rich bright indigo-blue colour It was introduced by Dr Seemann from Sonth America. The new Bertolonia primuleflory wes also blooming very freely. The plant is a neat compact prower, ric producesits clear so introduction to our stoves, from Ecuador. In the same structure was also a specimen of the plant produoing stryohnỉge, strychnos mux romica, from the East Indies. In a cool house devoted to Paims, of which highy oroaraental class of plants there is here of large collection, is a species of Artoconsiderable resemblance to the Bread-fruit tree, Artooarpug iacisa, but proves to be more hardy, and has broader and more deeply lobed leaves than the latter species, This plant is doing well in a cool house Whereas the leaves of the yellow in the same tempersture, and
Amongst the Palms there are many spenies deservink more extended notice, on account of their gracoful habit and general adaptability for the adormment of our homes, but though we have now so many species We have only a jew variegated ones. Amongst them Mr. Bull has three or four species, including Rhapis fine introdnotions, and Chamsedores Ohiesbreghtii fol, var. Curculigo recurvata variegata, though not Palm, is a fine substitute for one, the leave being long and recurved, of a fine green tint, banded cleary with white stripes,-an extremely ornamenta stove perennial. A new species, named Welia regia is extromely pretty in ita young state. It has smooth slender lear-stalks and bilobed leaves, which, when young, are of a pleasing bronzy chocolate colour.

## Obituary.

Many visitors to the nurseries of Mesgrs. Rivers, of Sawbridgeworti, wMr. W. H. PERERY, for nearly 50 years in the employ of that firm. Mr. Perry was well known as a judge at the metropolitan Rose showe and had an extensive acquaintance with fruits.

## efaroen ©peration\%.

## For the enswing week.

## plant hojses.

THovert not so much labour is required in Orehidhowues at this period of the year as during the growing seasan, they nevertheless require daily-nay, almost hourly-sapervision and attention to their .sundry importance in connection with their guccesplul oulti ration, it will be ncessary to keep the glass as clean and Resort should or other sccumulations as is possible cleansings with clear water at no period of the year moreover, is it more essential than it is at present, that the plants be separated and kept in at least two divisions knopen popularly as the Mexicen en two Indion Orchide. phe former, if kept at this time in the higher temperature which is needful to the well being of those which are natives of the tropios are
rure to suffer in a pariety of waya; not the least of

heat may be afrorded with greater immunity from riske, because any moderate amount o aroitomen which may be given will exhaust it powers in giving grester magnitude to the spikes, or increased size to the individual blooms, Those gems amongst Orchids the Sophronitio, will now be blooming, and they may be maintained longer in beauty by hanging the bocks upoa which they grow in a cool dry corner delightful fragrace sbout Christmas will showing its spikes, and mat now be * have been plants of Cypripeditm insigne, which may past summer months, may be induced to flower more reely, and to produce finer flowers, by introducing them arme or other similar struotures, where a moderate mat man in regard to the mean temperature Merimed to the two divisions before alluded to the hetwean $48^{\circ}$ coler house stould range somewhere $6^{\circ}$ to $9^{\prime}$ by day, mocording twith an increase of from light. The Indian honse may be from $9^{\circ}$ to $10^{\circ}$ highe
at all times. Be very careful, when water is needed by any plant, not to pour it immediately on to the pseudo bulbs, or they may rot off. Pour it carefuly roud ther inner rims of the pots, and thus avoid about more than is absolutely necessary, whether in tanks or otherwise at this time. With a supply of pipes sufficient to distribute the heath without much forcing, a very fair supply of humidity will pervade the house from the sud Pelargoniums of the Cape section, which are intended to bloom somewhat late in the ensuin summer months, oancot possibly have too much air on all proper occasions, as it gives them s sturdy form of growth, and greatly jacreases their future flowering capabilities. Where they have begun to push their crowns up, and where the pots are well filled with roots, crovms up, and where the pots are well they should have alternate waterings with liquid thay should this may be afforded tolerab!y stronk, as manures, this may be afforded tolerab!y strong, as they are rather gross feeders. Where it is prachichou to deluge them overhead with antagonistic to the wants of other inmates this should be done occasionally in the fore-part o fine days.

## FORCIVG HOUSES

Those Tineries which wero started a fow weeks ago will now be swelling thoir buds somewhat promi neotly, hence very uniform treatment must be entered apon. The moderate amount of night temperatur which I have ofton sugrested must still be maintained as undue forciong by yight too surely ends in a stunted growth. Maintain, therefore, au average temperature
of $50^{\circ}$ to $51^{\circ}$ by night, and from $60^{\circ}$ to $62^{\circ}$ by day, with of $50^{\circ}$ to $51^{c}$ by night, and from $60^{\circ}$ to $62^{\circ}$ by day, with a rise of $8^{\circ}$ or $10^{\circ}$ by actual sun-heat or external atme spheric infuences alone for some few weeks to come Moisture may be freely permitted within such vineries at this time, and until the shoots have pushed, Give the internal border if at all dry. In ingtances where the borders are outside keep a nice uniform warmith of $77^{\circ}$ to $75^{\circ}$. By no means let it excesed a maximum o and ms have previously lually ns we approseh the month of December; a day temperature by artiacial means of about Will now be ample, and contained in tann-beds; if it exceeds the requsite tem perature, give it vent by sinking holes into the material, gnd if it declines matorially, let a moderate quantity of hot water be poured into放, sumbe let air be now given at all times when the thermometer reaches $60^{\circ}$; and as soon as the buds commence welling, let them be damped over two or three imes daly. In instances. trees sre already in flower, if soy so early do exist, I Buggest the dearabuity of setting the blooms artificially, Bring forward a few Stravoberrias Where early forcing
is intended, and place them into a light arry pit or cool vinery, after frst well weshing the potg.

## HARDY FLOWER GARDEN

Do not let fellen leaves and other similar litter accumulate too thickly around freshy planted subotherwise they will become so drawn and weakly that they will not be able to withstand such frosts as may visit us before the winter is over. Look occasionally visit us before the winter is over. Look occasionally
over beds of Pansies, Pinks, and Carnations, and shonld over beds of Pansies, Pinks, and Carnations, and shonld
any have become loosened in consequence of the action any have become loosened in consequence of the sction
of the wind, let them be pegged down or otherwise made firm at the base forthwith. If any have not yet planted their Tulips, let them do so immediately. beg to thank a "Lover of Spring Flowers," for drawing my altention to the Calendar at p. 1188. What I meant and ahould have written was Aubrietia, and not Arabis, is he seems to surmise. The general who, as your correspondent seems aware, "marshals the flowers around the Tower," deserves the thanks of all visitors to the Castle for the fine display afforded upon such a toep and confined space during both spring and summer. Those who have delayed plaoing ashes or ther kind of protection armand stools of Tritomas. bould do so without further delas, for we may expect them at any time. Proceed with the customary forking over of all Shrubbery Borders as soon as the leaves have fallen from surrnunding deciduous trees, lead there is a fair likelihood that they may remsin tidy afterwards. I have frequently referred to the ralingo of coura anoply ropays, the labour expended during the enshing summer, independently of the or that atrord so much more pleasure and comwalks tie pedestrian during the winter. Good clean place; thay afford a certain amount of oheerfolnesa when all around is dull.

## KITOHZN GARDEN.

Place successional batohes of Scakale in Mushroom hoases or other similar places, This, of course, where ia Mode of growing it is practised. When grown ghasuroom-houses, where a the cro pisn to place a nice ayer of ionves over only tends to ward off direct sirecure house; this not he passage of any light whioh miny be ad mut obstruots remariss apply to Chicory and to be admitted. These Where it is desirsble to push them along quickly. Now hat we have had some rather searohing frosts, it may bage dirable to make use of the supply of Red Cab Caboberes, as is well-known of decay appear. These been aubmitted to the influences of a frost or tero. As
up otherwise than as they are required tor however carefully they mas be packed amy to afterwards. W. E.

Tr ${ }^{2}$ Chensant TOWN GARDANTE
before cutting down, as the arranpeanemt next season muoh depends on thangemention abels I find are those made from yellom iha intion will bear on and bofore diseing para
 shoots of last summers growth. Cut outing
and suckers that come up from the ront the breaches of two or more shrubs ioterlm another, or interiace, but keep esch one this is more orderly and pleasing to the ene see that the drains in the walks are rot chd The worms at this season, if the walk bottomed, make a great mess with their
walks should be well watered with salt nad water, which will suffice to len and if the walks be well rolled aftor, ther cil and clebn or the winter. The grass phoh make it agreeable to look upon. J.D.
STATE OF THE WRATBBR AT CHEWTCR, nin




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MRTAMENTAL FOLI
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 $\left\lvert\, \begin{aligned} & \text { linga Alba } \\ & \text { (huas Rosos }\end{aligned}\right.$


 Autumn Gardening ,


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$\mathcal{l}^{\text {(1AARH), CALDECOTT. B BWTREE, DUWLLNG, }}$

 RICHABD WALKEK has the following to offer fo

R. A ARSpectal Offers to the Trade. ARNUT'T, SEEv MPRCHANT, fy, Mark Lane,
 Hancer 1 Horeign ITALIAN RI L-GRASS, PEEGEN.
GRASS, Johnstone's St. Martin's Rhubard.

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 Rive a weferenco to it over vothers in thic marhe THOMASLAMRR" Mism he had true from the foriowing F.rms, who have it dirc



LAWES WHFAT MANTRF, for AUTUMX
 THE LONDON MANURE CUKPANY
 Also 60





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 The Cheapest and Best Insectictide.


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DOOLEX'S TOBACCO POWDER, for the Prevention
 Powder hatrlbutcith, 2r od. and 3n Bd. aten.



( COMPOUND. Taod by many or the leading

 Frult Trees, Hes outlived cupersertiot iotil by goorsin ob, in
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 CARRIAGE GOB and TUBIME HORSR SINGEINO APPARATUS, WIt




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 Section.

JANRG LTNE RANCOCK.
'THE GENRRAL, IANA DRAINAGE and






 THE LANDS 1 IMRUVEMLAN CumPAN I.--








 13 MMINGHAM (ATILEA AbM POULTRY SHOW,


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## Che ggricultutal Gazette.

SATURDAY, NOVEMBER 27,1869

metme por the ensuina week.



Some weoks ago Miss Burdert Courts made an earnest appeal to the public against the cruelties indicted on cattle during their transit by atermer and railroad. Now the recent Act of larlument which the Privy Council has to carry out in detall, contains certain clauses intended to provent the contiuuance of the eril complained Jht the Privy Council have not jet issued their ()rders on the subject. They are, indeed, in the meantime only taking counsel with the soveral Chambers of Agriculture as to the best means to be adopted under existing circumstances, with due deference to the interests of shippors, railway proprietors, and owners of stock. While the authonties, therefore, are yet deliberating, Miss Brroett Cortrs has attempted to solve the question of the possibility of convering cattl- by rail without cruelty or suffering, and without deterioration of ralueby actual trial.

Acting upon the auggestion of Mr. Reid, of sranton, near Edinburgh, who for some years has devoted his attention to the improvement of the ordinary cattle truck, she directed the following experiment. Mr. Rerid was instructed by her to supply one of his recently patanted cattle waygons, in which provision for the animals carried is made by a trough and hayrack, crossing the waggon in the centre; by woodon partitions to separate the cattle from ono another; and by protection from cold winds afforderl by tho waggon being closed at the sides and top, I pon the roof is a water tank, from which the witer flows into the trough. The cattle stand face to face; and there is room for six when the partitions are in their places, and for eight when they are remored. Un Wednomday, Nor. 3, Mr. Reif, by dirention of Wis Cot'rTs, purchased six hack heufers in

These animals had been taken from Grass, and lence in promoting the establishment of a better, convered in the usual cattlo truck 100 miles more comfortable, and more humene mode of to Edinburgh. They were placed in Mr. Remb's conveying animals hy railway during long truck at 4.30 P.M. on Saturday, and left the journeys. At the same time it most clearly Waverley Goods, 'tation of the North British Railway at (4. () 1 , M. tho tune night. At Carlislo tho truck passed on to the North Western lino; at Jngloton it was transferred to the Mrialha.l; anl. it reached Tomdon at 2.20 A.at, on Monday mori.ing. The cattle never left the on Morday, when they were taken out and driven to the lslungton market. At starting there were 42 gallons of water in the tank which is fitted to the truck, and the whole of it was consumed by 7 o'clock on Sunday night, before reaching Trent. At that station 12 more gallons were run into the water trough, whech were drunk before the train started. No more was given until reaching London, whei. the heifers drank about 7 gallonc. Of lay the animals, ata $9_{4}^{\text {a }}$ stnres, 10 stnuc, hrving been placed in the $1, a^{1} \mathrm{k}$ at calti.g, aud, un addition to the hay, 3 stoncs of oatmeal were consumed with the water. The cost of this food was 108 ,
for hay, and 6 . for oatmeal ; and the fine appearance of the beasts was the subject of general comment in the market.

It is plain that Miss Burdett Coutrs could not have adopted a more effectual plan of illustrating the position maintained in har published letter than by an experiment of this kind. She had assertel in her letter that, under the presont srstem, cattlo in railwav trucks suifer a great anmonnt of boilly distrens during their conconfidently inferred from the result of her experimest. il hus, it is shown that in the journey from Edinbrich, 311
cattle comfortalle carriage, these
cil gallons of water and ato 13 stoues cattle drank 61 gallons of water and ato 13 stoues
of har and oats. Hore much mreater would hare been ther need, then, if crowded in ane ordinary truck" A sain. if they diank 61 gallons of water in a conveniout truck during is hours in Norember, how much would thoy have wanted in an ordinary crowded and unshcltrred truck in July or August ${ }^{2}$ But suppose them sent in this ordinary truck, with a desire to drink 61 gallons of water, and not a single drop attainable to soften their parched throats-not a moouthful of food given for them to masticate and to ruminate upon, so as to prodace the saliva, neccory to limp, the I lifo rat
tonguo finm clearing to tha fouth:
Thw, then, is the sinat leamon thin experiment teaches. - Wrater culd food are uecesmary in winter When enttle 2to in a comfortable truck; i
summer, therefure, they are much more necessaly summer, therefure, they are much more neceskary.
In addition to tis proof of the inlumanty In addition to its proof of the inhumanity now practised on rallways in the conveyance of
cattle, it certainiy gives other results that will facilitate the adoption of a better system than now exists. In the first place, whether the present truck used by Miss OouTrs be the one that best combines efficiency and economy of construction, or not, is of no importance. If there be a better, so muell the better, but neen thas demonstrates the following facts: That tho cattle, i not actually improved in appearance by the journty in a truck. Where thoy can feel and drink, are rut at all deterioratel by the journes. They were, in fut, nold reakly at more money. than they, wi,uld base fithned it they had been
convegeil in the ordinary mann+e. 8
Here, then, i, a suma "tif monerey in the hands
of the salpsman greater thar le would if the caltoman greater than lo would hare had ment, and this will pay for the humane treat-
and and witention. Water ably, such provision is as valuable to the animal
systema as any food it has that it has undergone feeding. Auring the time must not grumble about the cost of it. As to the railway compranies, whit ther the better tueh he more expehale ohes or int, it is cithan that becauso it will cost mononey to build proper cecause it will cost money to build proper collar galls its shoulder, is obligod to give up his horse's work till he recovers, to get a new collar, or pay a fine or go to prison. There as little sympathy shown when the policeman pounces on him and shuts up his trade in this mannerer.
 the Npecial Act is about to catrh them, ther, thitt
and thon on their part to provide proper carriages for the traffic of hive stock becomes imperative.
reasone, hape no dither alluded to can, for these
deprisations that is of all others the most painful to endure; and Miss CouTrs has rendered onn of her many good snyrices to society by
calling attention to a very serious evil, capable calling attention to
of so casy a remedy
Whother the particular mole of conrvyance on
rails she has tried bo tho onc to be adopted or not, the experimont has at least done this great good-it has shown positively that animals do suffer hunger and thisst on the road, and that
the public opinion she has raised throughout the country, denouncing the systera now in practioe, is well founded.
The Report of Mr. Hoped Paper on sertago utilisation before the Institution of Surveyors last Monday, will be read with interest, as the whom, more than any other, will be awarded the credit of having achieved the success, when the country shall have been arolued to the enormons loss it now sustains in this particular way. Unly the former part of the lectura is here given. The facts at larking and at l'avi ins, aud thoge regarding the utriliation schemo at homford, of which Mr. Mores has taken the wholo burden on himself, are hero related, and on the whole thoy are sufficiently encouraging. At any rate the iliscourugements and failures are statel as frankly as the successes; and the 1 eader mny jutge wath confidence fior himself. Wo thurk that the conclusion to which he wall come
that for moot ordinary Binglish agricultural crops sowage, applied with ilucretion, is tho mont ferthsing manue he cier heard ot ; but that fur crops to whrh our chmate 18 of oniyy ocew:onal, mall produce only orcaqionill or dubuttul 1osult The l.fer and ch uracter of a phat are, in fact, an unalterable "quantity" in all our agrieultural ralculations. They may be improvable mithn rery narrow limits, but no onthusiastic belief in the power of any yew agoncy in agriculture
should blind us to the fact that howeror animals-and, à fortiori, men-who are capable of influence by many other motives than the merely matarial ones may impiove under clucatin
inde.t.
Wi. may educate our animals to some oxte.t $t$ bear with, and perhaps to jrant
br, an unaccusturn plants, howover, must be rmply s/s $1 /$ fol thenr ascertanned natural aptitudos. And how ever wondriful may be tho proluce, for oxample, of tho Maizo plant under
climate, we must not think that, even with the aid of sewage, anything more than an occasional surcess, in a year like 186s, will he att:cilablo in ours. ITappily, however, therre sire planta onough for which fiur clim to as well adapted, by which wo can most pertectly utulu:o thix, Wonderful agnnev. Italian lupe-grasu, Mangen Wuratl, Cabbages, Celeng, citranbr1i - - Aspa-ragu-all these prosper wonderfully under its intlurnce; and even grain crops, judiciously trated, will answer satisfactorily to the sewage
 criticinn and exuberant liuency of rhetoricul
illustration are brought to bear uron the
assertion- It won't pay." An extract will









- Great depression has continn trado throushout the marhete of the kol althongh tho lar no torcigit arrivals have realily at as per quarter furtaer reduction that retal trade las resulted, as confidene ita nreme + still wanting, The trade in spruy
deprent.
 sorta of Borley az 1 Outs are dd. to hin
lower. - Ln ihe seed marhet there is m infuiry for Clover secd; and for tha adsance of ss. to 3 s. per cwt. has tak
Potato trade dull and slow - In of Monday the supply of beaste what the in the previnua weck, and trade mas bita
there was in slight ads gise in the prices of bate qualitiss of lieef simep, too, were ato

 slark, ind prives wr re Inser for the smal bin


 hrving been muxh
whilst particulariy form tho lveal Shropshre tr will maintain no doubt that the exabtow kin lim The raisiag of the lees on
slightly diminished the numbers, but
nearly every kuown variehy of forls an certainly he as mans as not yisitors rill and interidiuc feature, aud will be fars bit antle pated in thre eazirer part of the geacon, de
 much so, imdend, that in nearly all cases tut
to be curtailod.


OTR TIVF STOOK
 names of the stres lately uncul in Jir. Makios



- The Belmant sale ob the 1941 iost is ressfu, ons: The very far azpr the average of the 17 famales. (20, 982), and of the Anla of A cotrb by
 I., it Foggathorpe and Prinnla Foggathorpe, by Halk Drke, brought reapectively 38 ga and 40 ks .


The sixth number of Thoraton's Circular, just  excels them in volume. Mr. Thornton may well be iso the shortiorn worm, in arn transactions placed thin their reach

- Mr. Walliam Smith of Higher Hoopara, Itevon I stor fangy years been in the habit of invitugg h peodias them of to the Birminglam, fondon, and wis enhanred bs the inauguration of a sale of Deven lated for keeping 12 monthe, and exhibiting in the wes a pen of fat Exmoor sheep, which brought 91e.











 bout 13001 . After the sale tho five fat oxen, steers, and heifers, which Mr. Smith is about to send to ring for inspection.
- A novel objection to white gattie has found placa in the columns of Betl' Weekly Messenget Th. - "fact" is based on the observation of a butche If ribed as "g, man of education ged of thought," wh his experience, that a white animal has not neariy as much blood in it as one of another colour-iftile more be easily tested by weighing the blood from antmals of appise colours, and it is our irm convirtinn that th application of such a test would show the sbsurdity of
this so-called observation. Ridioulous as the statement mas seem, it has an instructive side. It is an admir shande of the r ith yenerali-ations and irrespon IF hethor whichess is a real disparagement to an suimal may of course be open to discussion, but while malking cows of the "objection ble" hue, we can marding cows of the "objectionte that they are deficient in blood. Neither is the fact ingignificant thet not only our Neither is the fact ingignificant the wild cattle are nearly white but that escaped anttle tend to the seme colour. "On the Iadrone which were wild in the year 1741 are desoribed es milk white, oxcent their ears, which are gederally black' (Anson's Voysse). The Faikland In in In s.tuated far south, offer a more ivtereating case. Catio haverum Widd there during 80 or 90 years, and in the southern or whole beads or only their ears blak $\geqslant$ (Darwin). of whole beads or only thair ears bisok (Darwin). a kind of natural selection is constantly taking place. hocrme the sires, and, if suy particular colour was probable that it would at langth prodominate oper probable that it would at length predominate over
other tints. We should not have any difliculty in naming famous bulls and cows among our most noted hards, of a white colour, and the results of sales sho


## FINITY OF TEALRE v. TENANT RIGHT.











 interfere.
Whe remedy that I should first jromone would ba the entabliahment of an equatable tenant-right, aypilacable to






 21. I sou l wive io a tenant for years the jrimers of

 have tue if r fol clating tur, entar in the frat nstance; and, in the event of bis refuga, the tonant
 sentorbarge for a term to be the ef no, net eyepedong

 that the smount of such rent-charge should be the avnual sum fxed upon by two valuers chosen in the praperty in propat-is in he chargel



 chargeable on an incoming tenant by the oustom of the of sheth intention, and hre empowered to have the lands




 t.at they should be rotrospective. I would also make rent-charges saleable, so ss to be an available
 that may arise no arrving out the- lhree pirnvisions


 in illeat all the just reitrainits of tle difforer anant would have any reasonable objection to ar
anainst its enactment. I think the landlord wonla ha anabled to speure an imprositne tenant, wis) wauls rase the ralue of hia nopertr whithomt bationa bim the segurily of a respenal in temant invinall of ant imtintiriahe i one. Tom tenant on his $\varepsilon_{1}$ : 2 whild hisc




 that of his farnily in the event of his removal or death. He would also have the opportunity, if so disposed, of
gelling his rent-charge, and laving it out arasn in selling his rent-charge, and laying it out aran in a similar manner on a fresin undertakima: while in the matter, would reap the belent of the mitreasen and tho conera! monress of azticaltara. The only




 temantry, Who whu id be ante to was bound nfi in th the gericustural eommunty was bound nf in the




 ant it it in out bis capital in improvemonte dostrus, nis1 I I treciever the tondency of the measures

 theso meqsuron word ? he tu draw limar the bonles of metual grond aill het wren the infferent clasees: the wohld gradially do away with the nereasity of leases
and the perindinal quarrotlinge attending them; they解 1





 (4) be ara=|1mala ther woul! the the meand a


 mont of the thember of resident gentry, the employ

 mumber of monthn lose temuntet on extranenus sourcerfir their duly breni of $n$ if

## EREAMCTLTVATHON

I Reath in ront enlutune lhat " Mescrs linmler \&



 have used stoam-power to a larpe extent in farming opinion that we exaggerate the adrantapes, we shall ultimately derive from steam-power, it is not because I
 but stem cultuaimn makis comparatuvely little pro-
 - nd 'Ino reawin for is a is besalucc. from want of hnowle lar, we iafe looked on sterm inllage an a sort of I anacia hy whell two lan I was to be mave fertil Wherees it is nothing of the himid Ifs sumenas Tillage aprations at 1 deep cultwation are means of matueniz the land to part witb its stores, and yreid un its fertility in the shape of rrane Steam tillage incerfe, whe. mereloes the rrops, ult, mately




 - the natinnal an well ea the commercial view of this and ra choort lozan. in-tozd of "runn nig it out " in a - w years she ought to improve it siman tiliter ton, will not do this; there are more impurtant spoke 111
the wheel of progress."
There are two grest sources of manure outside ouk
 1mg-stalis. The demand for all these has increased in taliage hay obviated the use of mpanure, but the coatirary. 8. There is the manure arisine from the conkumption of $8,000,000$ of quarters of forej Whent and of nll our horne-known Wheai, beef, muttion mask, in, and thas is almasti, entitely wakted. So far to inti) the river at Iharking, where it is formung a har nopas the stream IBat as the port of Lot. Jon inn - lop

 the iund. nirt into she fisers, as it : to tion

 gatd with one roice on these vevasions-" It oand be

posed to drag trains of carriages on a tramawny by means of locomotives, at even the moderate pace of
12 miles an hour. But once show them a rail way with the trains of carriages running on it, 艮et them into the
new groove, and they will make raiways under the new groove, and they will make railways under the
metropolis, or over it, or across the Alps, or the metropolis, or over it, or across the Alps, or the
Chamel, if anybody will pay for them. The idea of steam navigation across the Atlantic was met by a shout of "Can't be done ?" gad the idea of saviug the
larger half of the manure due to the land, and using it profitably is met with a similar exolamation. Yet it wive arable aistricts, and even wholenger find extensteam tillage is scarcely adopted by a single tenantfarmer.
land is cultivation will advance rapidly when the staryed, any more tban it can go into the Great Sahara to drive a cotton-mill where there is no cotton, or plough ap the sand which is sterile. We don't say best in the world; but the price of feeding it is, as we have said, constantly increasing; and it is because English agriculturists feel this that they are shy at
present of steam tillage, knowing as they do that deep
cultivation 1 acreases the appetite for manure, sooner or later.
I believe that the duty of writers is not to side with obstructives who take "can't" for their motito, but to endeavour to rouse the public opinion when it refermers, to it does on the important subject we have defend steam tillage, which with a fair field and no favour can take care of itself. "Steam" and wrogress in which they are sometime used reminds one of the story of the old woman's hen and her cat who so sadly bullied their visitor, the young swan. If he once; "Can you catch mice, lay eggs, mew and purr?" -"No." "Then hold your tongue! " $\boldsymbol{H}$. $E$.

## THE CONDITION OF MANDRES.

A. MOVBMENT is being adopted in some districts for farmers to club together and contract for large quanthe plan, no doubt, offers ndyanted by tender. Although large quantity of soluble phosphate is the chief consideration, it may bo questioned whether it is generally desirable for obtanding the best class of manures, racter of the phosphates of which it is made the chainto account. In such cases it behoves the purchaser to make sure, by having the bulk delivered to him The "condition" of the quality guaranteed.
The "condition" of manures has of late attracted by experience that a well-mellowed iow well proved which russ easily through the drill, is of much more praotical value than one having the same composition a good condition is aimost tantamount to an additional which is present being applied to nuluch better advantage through the more complete incorporation with the soil.
" precipitaten" $"$ " also be added with respect to the been heard of late, and the nature of which I explained in my last report. The following passages are extracted from a paper of mine on the method I adopt for estimating this constituent of manures, and which appeared in the Chemical Neres of Sept. 10, 1869:-
 puted, -the question at ispue being whethor the phosphate so
reduced can be estimated "It often bappens tost or not
When freshly madee contaifns, eay 25 per cent of bolutble phos phate, is found atter keping (in forne cases only a short
fime't onave lost 2 , 3 , or eren moro per cent. of ita soluble

The process for the estimation of the phosphate so duce need scarcely say that it is not my intention to intro-


manuffollowing remarks are ofiored more espeoisliy to
I. The Relation between the Total Phosphates in the Mramure (the Phosphate made soluble, and the nowluble
together) and the Acid used.-It is evident that the less acid used, the more total phosphates will the tess but the jess of them will be soluble. The converse 19 also evident: viz, that the more acid used, the less but not Decessarily the higher parcenta soluble, manure. Thus, supposing we were to use 200 in the bone-ssh of 70 per cent. phosphate, and 100 parts of phate in 300 of mate in the product 140 parts of phosloas referred to material (leaving out for simplicity the Which is obviously too lattie ar about $46 \frac{1}{2}$ per cent., hand, 100 parts of ash were dissolved If, on the other 200 parts of acid, We have only 70 parts of phosphate in the 300 of material, or only about 23$\}$ per cent, which is as much
too little (the right the two). Although thantity lying evidently between case, it is mentioned to prove the fact that beyond a
solublo phosphate instead of increasing it, -simply
because it brings down the totat phosphates too low notwithstandiag the whole of this (as far as practicable) may be made soluble.
The same rules of proportion of course apply to the superphosphate, or other materials mixed be added to the preparation of special manures. Thus the addition of any extra quantity of water in mixing of course many makers take no account of the weight of the no water), and rer loft to the men operation, is the commonest source of variation in the product-especially as a little extra, water gets the work on quicker. If a bone manure, when freshly made, is
found to contain-say 25 per cent. of soluble, but does found to contain-say 25 per cent. of soluble, but does
not dry up well, and it is thought advisable to add a ittle drying material, the mass will not have 25 per cent. after the addition of such material, since the same
quantity of phosphate is spread over the increased quantity of material. Although this may appear selfevident to some, it would seem to be incomprohensible
to others, to judge by the correspondence 1 sometimes
2. As regards the Soluble Phosphate Produced from a gaven queight of Acid-the theoretical quantity is 80
parts of real acid ( $\mathrm{SO}^{3}$ ) for 156 parts of tribasic phos= phate; or for 100 parts of hore ash, as above, 55 $\frac{1}{2}$ parts of ordinary brown acid.
Bone ash, however, also contains, as is well known, phate,-winile much more carbonate, and also materials often contain oc.; but, taking all these into account, it is found, as wantiown, in practice, that more than the theoretical quantity of acid is always needed, and which may, I (c) To the necessarily imperfect
the phosphatic materials operated state of division of the phosphatic materials operated on, even when ground
as fine as practically possible, and by which a portion of the phosphate of lime escapes actual contact with the acid, even under the best mechanical arrangements. This is shown by the fact that the finer the state of
division the morecomplete thedcomposition, -it being almost instantaneous in the case of chemically divided phosphate. A too rapid decomposition is not, however, excess of aoid is borne with for practical considerations presently to be touched on.
which To acid consumed in decomposing phosphates the question of "prerapitated" phosplates I which throws some light. This is especially noticesble in well-made bone manures in which the greater part and sometimes the whole of the bone has evidently pulverulent condition alchough only ay its mellow and obtained as sctual soluble phosphate on analysis, but considera
The primary obsert of the shifful manupaturar is superphosphate lasiag the hargest amponet of sulable phosphate ausoclated with tise best mechanical condi-
tion (the difliculty of preserving the latter increasing with the formeer) without a striet regard to the greatest being usually considered a present prices especiallybeing usually considered a secondary consuderation. information is, of course, indispensable, but a cond deal besides is requisite, since it is just thut a good Which the individual experience and skill of the manufacturer is needed, and which no rules can altoAnalytical Chemist, 11, Eaton. Terrace, St Cossulting and Wood.

## FARMING IN THE NEW FOREST

Haring introduced in $18 \hbar$, by the request of the late Duke of Ruchmond and Lord Fortman, the a year, about 70 tons per acre of growing nine crops Socrety's Journal, p. in per and arain by their request In 18t, with further illustrations (Royal Soclety's Journal, p. 5,2 ), I may presurne I am not altogether a no apology will be required for troubling them with my present farming operations; and that those of the
present will excuse me if I am troublesome by taking
this opportunity of introducing myself through the
 growing little else than a fow Oakg, many Firg, an Fom May to november by those who have forest grazed pigs, where anyone turning out worse cattie, and bad kind wre not sure thaning out sumals of a better My yeare not sure the whe whil take them up ngan Barlay, Oats, Mangels of both kinds, Swede Wheat, Cabbages, Anstralian Prairie kinds, swedes, Carrots grasg. Samples of the white Chidbam Wheat, Mangels o the Birmingham Exhibition for compages, have gone all Eagland, lreland and Scotland. Others are sent, Street, Piccadiliy, to the Smithfield Fat Cat of Down Islington, for the inspection of the public Cattie Show, He has my white Chidham Whe public
April Wheat, 66 lb . Chicralier Barley, j8 lh . Wushel; Oats, $43 \mathrm{lb} ;$ Mangels of both kinds, Swedes, Carrots, and
two specimens of the Austrolign and potimens of the Australian Prairie Grass, dug up
and pone of which three crose
between between Ootober 10, 1868, and October 11, 1860; one

## duaced at the rate of 30 tons of hay at nightip

 oxcellent quality, und caten freely tho ereme
anımal, from the horse to the pret I have been asked whether pla. grass is the more productive. to this I moed t at prescot to reply that 70 tons of Italisan bo
been grown by others as well
ins by instance; therefore that well as by me matat But not lose more than from 5 to 2 by arthendind
whicli I was satisfied 20 years since of Australtan Grass amounted to 5 : to the the drying from 16 to 9 . The Italian was veryd hy
received one dressiag of liquid mane water) after every cutting-the Auntro manure at all; I have some now groming iquid dressing.
I know of no plant that pays so well for I know no limit to ats produce well fordigh I know no plant that allows itsolf to bo Reit Rye-grass, and after which such crops of What
and Oats can be srown. All my corm are grown after Italian Rye-grass. My Chithols grown after it and it was sold an Gigham hat he wo distinct market days, by Messrg. Iene
who stated that on those two dara the
one sample of high ample of Wheat in the market thatid ion, Manfs. Wliam Dicknson, Nero Pothen

## 

## Depth of Drains, - I willingly respond to then

 tion which you have given to practical mantion they have drawn from it in respect to the dep rally advisable for drainage. I adopt unaeme possess land which I believe to be of similar formation, and I have a well-founded confidems judpment. I have long experience to gride soils, for I have provided during 49 years of ment of my own property, under my ont otwern myself and my tenants. Wheur began in tre1830 to gire them every encouragement to during the winter their onn labourers at the and followed the same practice on my onn acted chiefly with the motive of employigs was rife, and the poor-rates wero unequal to cop the distress occasioned by the want of work at
on our clay soils. I, therefore, catered for the bion emppoyment in wy the-yard and of my
but from limited experience in draning my
land, whel, in the prevalent culture of car then seemed to me the only remumerative applex
of drajnage, I had practised and depth of 2 feet as adequate to the purpose for mim no wet or pervious aubsnils excent in rare path
ground, and only casual fissures on thaley strata to Waich springs can find a course, but the conlwan jus required to be rectitied or supplemented sur practice of subsoting has been resarted to. usually adopt 3 feet as the depth, though in user
fied stiff clay I would not mo deeper into meal than $2 \frac{1}{2}$ feet; for I have often seen the nt over drains when sunk deeper, and 1 bir
this stil! more remarkably in the Oxtul While within the 時me park it wis now go to the depth of 1 or 5 feet in
spongy subsoil of the overlying upper watat; and I bave found the same deceral the clay for a space of 10n) acres. The result, bat of my experience 15 , that no rigid rule ought to and of the dramatse comprames in this and of the drainase companses inthage been wonderful in the promotion of the cultu and the consequent improveruent of sheep ho and the prosparaty of labillord and tepants.
Grove.
Bnger-beot-So muoh has beon mid about b tion, that my employer was jndriced to obted here is perhaps as good
that it has produce i- at not always, frequentif shown at the Smithtied C'ub Show. Mre ent received the when wis grown on the same is as follows, -whle the
acre, the Beetroot weighed differonce in wejght occurred I am unsbla correspondents who could as tap-ront.
he sonl was divided more
ively, a dmanation in weight from that
the Mancele. The top was also much large On our Alanmel and had more diapesit.on to prod
"heerved tiuk peculiar "bolting" tondency which some of your corresposdenh tupirante, for soo soon as the dispwitinn to run up is apparent, the offender's top it cu conseruence 1s, at storing time there is little difference To my eje there is nothing more offensive in a Mangel fold thas a lot of sced-stalks towering all the season,

Steam Coltivation-Let me tell "G.A. H." that I mery busy this week with about so men, all at job Fork, stocking, digging and delving; some woolug Wirn troes, some and some filling in clay pith, for I Wonot get on with my draining; the ground a fem Work; therefore I cananot attend to his "interest of money and depreciation" question now, but by another meak inill prove that mine is the fair way of oalouoxceptin' him. Please give him my letter from the Tumes ot Saturday last, to let hima see what can be done
on in small oceupation. William Smith, Woolsion, Beeclley Station, Bucks, Far. 23. - [The following is
Sth, I have maddo up my book on Sterm Cultraton for the


## Heavy Laso,-Fuld No, 1

One rldge-ploughlyg and subboilling by steam-power 80
Too smasting by stanm-power

Ono subsolling by burges
Two ploughinge with hursas
Total
 and Beann four.

Field. Yo.
17 lac plougbings and aubsuilings by steam-


Ave cullivativga with borses
Oro subeilinga with borses
Ond nde-ploughing with horsee
Total
 Frold No. 3.
Two ridgo-ploughinge and aubeolilings by atoam-


Ones. . Nhitr mith horsor
Total

hest five, and 8 .
Fo ndge ploughings an


ac ploughing with horses
T,tal
20141

Threc rilfe ploughaza and subzailings by steam.
Fite rnashingy by steam-power

Ono rldge-ploughing by horso
Total


 Field No. 2
ridge ploughings and subeotifgs by ateam

ratinga by horscs
anlugg by horses

Total

Three ridgc-plonghiogs
Field
and
and



## Two subsulings by borses Two piaplink by boree

hent five, Pour nidge plougbtnge Field ANo. 4 ding by steamTwo erranthings
One


Four chetivating and dilliling by sicam-pomer

Total
Total .
Or an a rerage of is. $\mathrm{of} \mathrm{d}_{\text {. }}$ an acre a.year, Cropa :
Beans three, roots two, Barley two, and Clover two

Threo Higge-ploughtng Field No. s. s . Uno ermanhing by otineo-power
Ono culdratiog add y itesm power
 One subsolligg with horns
Four ploughing with hortoo
One radgo-ploughing with horeal.
Total

Ove rideroploughing and aubloolling by atoam.
$\qquad$ if our grest hothoum builden, would whe the hath End add the coveriog in of shble-yards ho there adsartithave them eocolosed. At any rito, grive thems the com. Edsoard Benmett, Osberton, Worksop.

## Foreiga Correspondence.

PaEis.-Some time sino the Emperor purchmed about 3000 aores of marsh lend at Arx, in tha neiphbourhood of Cape Breton. A portion of this estatio ha been thoroukty recialmerd, sud a now nevoted to tho formation of a model agricultural colony. The other
day, as it were, the donasn was nothing more than day, as it were, hie domain was nothing more than a the formation of abont 18 miles of cenal varyias in for parigan or for anothe for navigation, whech passes across the low lands to the port of Cape Breton. The purtion rechamed it furnished with excellent maceadamsised roads, bringing the 30 farms already formed in the doman int communication with the surroundink nelghbourbood. This large plot of ground wastho hotbed of fovers, which at timea ravasod the neighbousiog viluges fearfully and it roommation and oultivation are the gremes bonefits that could possibly bo conferrod upan the
distriot. The use of wealth and power is felt wheo distriot. The use of wealth sin
applicd to such objects ay these
applied to sucho objects as Luese arcount of it 18 th be relied on, nallels, that the soll of the departinent of the liaute-saine coataing a stratum of rich mineral manure, jying just beneath lue surface and being from 120 to 300 feet in thicknets. The analyyis of thls wondrous manure, which is desoribe as bearing about the same relation to dun
does to wood, kives the following resuls:-

## Mineral oil <br> sitrute of annmonia <br> Cartoonate of 11 me <br> sxide of fron <br> Sulphur



The precious deposits is described is the rocult of the decomposition of fish, animals, molluses, be. But the most wonderfal part of the story is that it is to be found in almost every part of Prace, lying clone to the surface. Resoarch is being

> results are promised shorily

-     - Important chanpes have been made this autumo in the arrangements of the limperial schools of Agriculture. Unti! the other day the rules remained the same as they were at their establishment, 20 years ago Formerly a Day scholars and what are called free scholars are now ad led. The age of admussion for all classes is raised from 17 to 18 jears, in order that they may come to the school hetter prepare 1 for the hipher branches of harind is now reduced from three to two years, the number of leprons boing inopeneed, and the practioal
 have six bursarships per snnum to award to iv Prasders. There are three of these imperial schoois in Fravce. Beonelor of science aro admaicion rithome araivalion who are admitted by special suthority of the Ministor of agricultare, are examined before admission by jury appointed by the Minister for ench school, in the drawias athmotic the elements of oatural nhalosophy and chemistry; the geagraphy of Eurone, and especially of France. At the geograp of the rexamination of the ont-ping pupiss consists of 8 rritten compostion o a puren subject, oral examination by the mastera, aod a dissertation on a subject drawn by lot, or on a modo of culture which has been nractised in the month preceding the exsmination. We.h pupil who passes in a satisfactory manner receives a diploma of Agricultura Instruction, and the first and second gold and silver meddes in addition.
Those pupils who stand well on the list are allowed to study two yeara longer in public or private establishments obtain commissions to travel and collee metiatioa and informstion, their expenses being paid by the Stste.
The courses of atudy comprise- 1 , Natural history, chemistry, mineralogy, and geology ; 2, rural engineerinc, mechanics, and construction; 8, agreculture, proper and compsrative; 4 , zoology and zootechny, applied to agriculture ; 5 , horticulture, arboriculture, and botany 6, rural eoonomy, legtsiation, da. 7 , agricultura book-keeping. In adilen the pupils are practiogily taught the use of all implements, and all modes of culture.
The fees are-for boarders, sol a year, for board, lodging medioal ttendence, fre, ligating washing, and intitrabioz;
instruiting thy, band paying an examinamon foe or io Born or naturelised Freach subjecte slone have the right of admission as boarders in these sohoois, but the Minuter of Agriculure cala present s foreigaer st a epectal farour. oxation, so long as there tre vacancies existing.


## Societies.

INETITUTION OF SLEFEYORS

ahort acoount of pomen of ont suocoanes and bome of oar diapppointmants at Barking durning hap past pason. further experience has eniblided me to make.
I will sommenence with uy diamppointuan te, or ra ther with a few of them, beoause as they belong to the order
 an erroneous impression on your minds.

## DISAPPOINTMENTS.

Italian Rya-grass.一 With regard then to the best known sewace crop, namoly Italian Rye-greas, I stated in the spring that, under proper curavation, 10 crops, obtaiped in one season by the application of a sufficient quantity of sevvage, il the Grass were sown at the right time of the sear, namely in the month of August. This statement I repeat now, and further experience has ouly confirmed me in thas viow, yet I am sorry to nearer the promssed 100 than bofore. On my own land I have, as y ct, no lise-grass under sewage, but on theound lad been sown in the menta which I had so adthoukh it had been sowewhat starved in the winter, yet that it would have been sufficiently liberally dealt with during the growing season to have piven a result approaching, since I first hegan to labour towards the utilisation of appoiotuent that it was to me on firting that when there seemed at lait lo bo a chance of a fair experiment desired result postponed untilt his end of the nind the perhaje tonth year. I say or perhaps tenth year, because, as I shall presently explain, if is now fortunately in may power to make reliable quantitative
experiments, independeatly of the Metropolis Sownge experiments, indeyendeatiy or the Metropolis Sewnge as full result can only be looked for from Grass sown in the month of August, I cannot obtain that full result next year. I must wait for the year following, whel
will be the tenth of my labours. I Iot us hope that there may be something lucky snd auspicious in that fgure and that the tenth crop of Grass cut at the dose of the tenth year of work will complete the last 10 tons required to make up the promised 100 .
with repard to Maize. I had, and still have, great utilise large quantiti cereal pre-eminently adapted to guantities of food per sewage, and to yield maximum Is skated, that 80 forcing was the effect of liquid food npon this orop, that I had every expectation that Essex, because the growth of thear in the ine in its early stages would be so hastoned that it would be able to gtill antortain, but with one modifioation, and that is, that to guard against the effect of a cold spring year, it is absolutely essential that the seed should be sown in an open porous soil, so that when the sunl does corne, it may penetrate and warm possible time. The soil in whioh I ripened the Maize last yoar, and in which I bave failod to ripen it this year, was a cold deose brick-earth, whioh was a day, or one-aighth of an inch an hour, as Mr. Bramwell forcibly put it, which the sewage enabled the Indian corn to grow last year for a month continuously, had it struggled above the surface of the stiff earth, than the cold north winds in June nipped it, and, in midd it was frost-bitten, so mueh so, that down to the like Celery or Seakale, and appeared to be all but dead. However, having entire confidence in the stimulating pawers of sewage, I then commencod applying it with previous north wind, and the result was that the colour
rapidly reappeared, tomards the enil of July it began to srow; and, at last, in the muddle of Oetober, it

 that Maize Forila 2 whys

## plece of land on which I grem it that

remport of an ecre, and from thes I ate ant
 you will revollect in the thater bitcer nurta whed, which ounce of this was valushle food, whather for bivery catite, and all classes of stock are ravenously fond o difleaving all other food to fosst upon it, it is the feeding value of Btate, including the half-formed cobs, at leess than sis. very large, besides percentage of sugar in the straw is staroh in the coob. It is olear that the partislly fons of sucher tood per acre would effectually protect s farmer a mant any handiome of loois, and, in faict britig him in a very With profit,
which I dide to the calculations which I made, bus previous ocearion veature to put before you on the to bo obtained merate the probable amount of grain cultivation, I sen haper to sov that I have airce bege
informed by Mr. Henry Evershed, the well-known
agricultural writer, that these calculations are borne out in every place in the C'nited States where there is anything approaching to a careful and exhanative cultivation. The calculations I made were based upon the average weight of a great number of different seeds of Maize, which I reighed individually. I then care-
fully observed the nature of the plant, and compared fully observed the nature of the plant, and compared
my observations with writton accounts, and I came to ny observations with writion accounts, and a oane to of one plant to every s square feet, which I am astisfied would not be a bit too close-and well fed-the quantity of from 20 to 30 quarters per acre, and this not in the cob, but after being shelled. Now, 60 lb . to the bushel, and that its analysis shows a feeding value very little, if at all, inferior to Wheat, it is quite clear that for stock-feeding and for sowago-farmer can grow for home consumption; and even if he solls it at the low price which it usually
commands in our markets, say $30 s$ a quarter, he will get a return, inoluding the further value of the straw,

Stman crepes - Among the minor disappointments of the year have been-first Strawberries, which suffer, of course, is muoh from cold north winds under sowage ss under any other kind of cultivation; secondly Lettuces, which, under the combined influence of cold clay sotl and cold north wind, wore very muck etarded in their growth, and, although moderately ood, never attained maximum size; thirdiy, $f$ mas neavion all other kinds of market-xaruen proauce Which I tried in my own stifi land, with the exoep
The Celery, which is one of the most difficult and oxpensive crops to produce under ordinary cultivation has axacoeded in a romarksble dogo, and hav brought here a plant as a specimon. I am assured tha whe rent of the rich black monid to the soutio of condon, where the greater part of the Celery for market is produced, is no less than 161 . an acre. This I was informed on the best possible authority, namely, that of the gentieman who is sgent ior a great part of the and, and who was more struok, on a visit which ho paid me a couple of months ago, by the appearance o the Colery than by anything elso.

## SuCcesses.

Among the successes of the season, either at the Lodge Farm or on my own ground, may be mentioned also the following:-
Grain Crops-A crop of Wheat on a acres, the land being a poor gravel, and the crop being the third保 o the acre of grain, weighing 61 lb . to the bushel, from an application of about 700 tons of sewage per acre
however, in the judgment of Professor Voeloker as wel er oritical period of its growth.
Two acres of Oaks, following two succossive white noor yellow gravel, some 600 tons of sewage per aere and yelded 102 quarters of grain to the acre, weighing Six acres of Barley, following two successive white crops, on a poor gravel, and said to have received rathe more sewage, yielded 4 quarters to the acre, weighim b. to the bushel
reen Crops.-An acre of Beans received 800 tons of
Foir acres 1 road quarters of grain
Four acres 1 rood and 12 poles of Mangel received a more uncertsin quantity of sowage, and produced altogetner 201 tons of roots, or not far sloort of 20 tons per three roods 10 poles of Potatos realised nearly 262
Three roods 10 poles of Potatos realised nearly 266.
the Borough uncertain.
An acre of Carrots, which reoeived about 1000 tons of sownge, realised 36l. 10p.
An acre and three quarters of Onions, which regeived one light dressing and two heavy onea, sole or 80\%. 12s. $11 a$., or about 262 , an acre.
An aspe of Sugar-Reatroot, grown experimentally according to the direotions, as regards distance apart manufacturers, yielded some eminent Belgian sugar of sbout 1000 tons of sewrage; that the seed was not vexy kood, and the amount of top was enormous, and out of an propoction to the peots, partly, as Mir. Duncan
biliove owning to the inferior seed, and partiy, I have
no doabty owing to their being too close together No coabis owing to thair being ton clase together. results. Nevertholess, this ishall pot muoh superior veight than has been obtained by beliove, a preater of Envenham. Still it is a question whether in viem of the large returng to be obtained by the growth vaer ciopa, surar-Beotroot will be a payieg crop for a awage farmes to grow: for it must be recolleoted that is almost impossible to precede it by any winter catoh crop, and that it remains in the ground so late thatese it is lardly be followed by any other crop ground, for whioh, ho takever a crop of cereals off the good preparation, inasmuch as full dressings of manure cannot be appliad to it without the risk of reducing the the difficulty and expense of crgat rather, norrasing ore, of course, diminishing the value of the rand there

## Parsloes Exprbimentar Fiklo.

Many now present are amare, from personal obeer-
ration, of the peculiarly sticky, ungenial character of
working, Those who have Lut
selves will, perhaps, be interest whech is a pierfectly fair samylo gentlomen, however, who gise personal visit during the summe
the peculiarly backy ard, unprota the feld then presented. If is no someciman of Mangel, which I being taken up, as smong the hot of : not been able to weigh, si I have 4 acres I have have measured preight of a cubio yard I find $10 \frac{1}{2}$ awtic Consequently, as from
352
whabic yards, equal to 184 would be almost 41 tons per be considered a satisfactory result by is, I venture to submit, as remartrably goce tor stioky yellow briok = cartil Sewage Farmat lohfon
I have said that, for the
cation of town sewage. This is
from London, together with
the town of Romford.
contans a population
the present time. Homever
be obtained in the colurse of threc actual amount of population drainad
The farm consists of about 120 ante reater part is a light sandy and axceedingly poor land. For the kan buildinge, I pay a rent of 3002 . z jea delivered upon the farm, I pay ar the largest dead rent juid for the wolt no matter what the population, u1p of Croydon only gets about 8002 . pry, for the sewage of a population Neat as that at present drained by Novertheless, I believe that I ha ike $8 \%$ per head of the present intention, so scon as I have got the ready for the proper distribution o soon as I can procure a solf-recordin nommence a series of quantitive B correct and rigid account shall bo hepi for :-3 of the public.
Having this farm to
almost in a ring fence, and hat
model se wage f
in which to
consideration, first, the eflect o
ploughing channels, in arable laded; seroctit on aience for distributing an equal qumatay both in laying out the land and in thu $=_{0}^{8}$ ploughing and cultivating it after it ris inion, was many careful observan was, that the breadth whion furrow, with as great a len thereforo desire to amend
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and cross ploughings

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considered too much

tself into the labour necessary to oultivation, plus, in the case of fist land to o give the necessary fall thong the ridg served to cheapen the
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ng , of 18.2 zd . per yard forward, mhech is
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 ly famiantion would have boen ton
ther any orop th which it might haro ried. formod \& deposiled a blace medriment 4. througa which a no sode upould have bunt, il ag tho hatility vantilation of the noll and,
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 the remnindor of hi- hecture fo desthis

## 3uruictus

and Inprovemont Intructions, witt the Plaus and

sirut, for Her Majesty's statocnert?
Hero ien ac.al "Blue Books", as we should call it,




 Th : want. suptred mare cheapiy than any other.



Thome: lid -h propintora, alack, ir intinz thnma


## Fam Memoranda.

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 the sso moctly in cidhl, for two rownis - fuar is Many pediake ib thus Delghbourtiood aro undos heiz ant ment cannol bo remoned. Tharo sing lats owne of


 or mimitated -or boib "The neal mant in our octhen
 ground will not yivid 90 buhbels to the nore, mod! II trem!


## Che Jouliry Xaro.

Bieminatar Pouncer gmow,-Today is the day par escolleme of the poutry yer, for it is the judging trouble of tonany tombst poutry rear we ul nex

 factory recmipte at the doom.
 rond tbrough 8azony would wonder what hecomi In flooke of from 10 to son or 100 -momelibe.





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 and dovecote, and the crater rymint of the esis.

 pumber of thes tiere as minoluiovons and deatructive \& fimey are taid to bo by tis The conetry brimen Ilrolen and leipsig is in many plaoes very 'hady ruitivited, the crope coming up to the rond: no

 I ne qeanerality zate one ine dea of degraerate liam burgha crossed with indifferent game; and in oollec
 an English markef or suleroom would not find



 the when esen heme liafe bern desers harl as chane⿱


Calmbar of epprations.





 reath. N... inractios of fooding in boxes under well.









## pay lur tuir <br> \section*{Mamers Recomony it a question seoond to nome.}

 Whatever may be the chantictor of the homestend. mahlen, cons loumen, fatting bullixhm, and of fer houred











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 culare, wis lo botha harnis I reode thould he magele
 to exerian llayif a ranling is the requiremanto ot healthan ad manimial momomy



 and in the decpening of old, is to be praferred to ploughing and aubsoliog in all angos where thero is
 hequines an by expmore to tha tmorphem Tho work







rare to be put over pipes with the view of getting them out of the way, open two or three draing at oDe adde; put pipes in these; trench the two or three ridges between, one ridge beiog trenohed in advance of the other, and the stones gathered into small wooden bozes may be carried across to fill the next set of drains being opened. In this way we have drained and trenched larke areas of old and new land, the whole work being done by oontract at about 10l. per acre-the land the following season being under Turnips, after bonedust dibbled in on the trenched surface. In examples of very bad, poisonous bottoms, the top spit or furrow only is turned over, the bottom being loosanea wild the pick, dug over, be subsoiled several times before it is fit for being mized with the staple or arable soil. In such cases it is a prudent plan to deepen by degrees, bringing up an fincts or so at a time, and exposing it on the surface as mnoh as possible to the infinenoe of the weather before seed time.
The Stable-As the daye shorton some horseleeners reduce the daily allowance of corn, others take nearly as much work out of their teams this mon ploush deep, and hence do not reduce the feed. As a rule horses should be kept in good working condition this month.
Breeding Srees-Attend to as last month. As the westher beoomes colder they require more food and former. In the lowlands of Scotland and northern counties of England, the rams are generally taken from the emes ahout the latter weak of the month but in Hichland sheop-walke or mather if emea have to lemb Hige the rapare only puk to the eves about this time there, theras are onfy the bathin or hogs in el more elevare grazings, hhere in remaio durng the rond return depending upon the nature of the senson and return depend. in us beather, and some of the mour are in their prime during November, and when the weather is open they supply an abundance of feed, not only relished by sheep, but by black cattle also, and both do well upon it. Milch cow, when turned out about mid-day for an hour or two, browse the young Heath greedily; but the change from open to stormy weather is often rapid, and stocks must be shifted accordingly to their winter quarters, to avoid being stormstayed.
The Dairy, in the common aocepkation of the phrase, is now a secondary question as regards the daily produce in milk; but to this old rule there are exceptions, more in number than formery. According to the old plan, two or three cows were timed to calve about this season, or else calvers were bought in, and the remainder of the herd allowed to run dry-not al at once, but to suit the calviag in sprivg time. But improvements in stock management enable dairy men now to produce more and richer and better milk duriag tho winter mondas than formerly, so that
those who supply our larse towns with natk and frenti butter by ranmal endeavour to produce at thes season What their customers reciuire, the dally supply benng little stort of that of summer. But to accomplish this, the mewly or recontly-calved milah cows
must be kept uniformly warm, and well fed on proper rood; and 3 , hais is cone, they will yield an abupdance of rich milk throughout the winter months. Dry cows, and those mearly so, should be kopt fresh on plenty of Turnips, but not fatteded: and equal attention requires to be pand to ther tyarmth; frosty Turnips and whter bay highly oblectionable The currscomb and brush, more espectally the latter should be freety used on both the oalred and in-calf, to keep up a bealthy clead state of the skin.
Gorse comes into use when the semage Grass fails. When properly bruised, it 18 excellent food for malch purpose than at pregent. If s man cen eut as mur thit a day as wull serve lficoss Gorse will feed the 16 cows for a month, the value of an acre compared with Grass is easily calculated by any dairyman. As to the erushogs, the engine that threshes, cuts chaff, \&e, will also work the Goree mill The above calcutation is at the rate of three buahels of Turuipa, an acre would serve the 16 cows anly, whit and 80 on .
 Bring forth tow sards the end of Merch of the month to

## Notices to Correspondents.

Jerome Cows A ${ }^{\circ}$ writes $=$ "Ou October 29 a Jersoy helfer caval three weike bafore her time, and the calf (a dead one) had to be taken from her. Whe recopered, and went on tafnted as to be quite tigelesi, when her milk bocazae so badly as the mill. I can only compare to to hed findla as are at a lose what to do, and f should feel much fah. you could give roe a hint, as the cow is a valuable one, and a great pet." [It is poasible that the cow masy have eaten removed out of her reach? Try the fotstal membranes hyponulpaite of suda diseolved in the drito of 2 ounces of aday, or give it as a dremch in a quart of waten water hellth] Povirsy Boos. Dem your letter that the cow is in good
 Stistot, Gronvenor Square, W.) little book on poultry to prictical and matructiva.
land. Yot mutat por acre will not kDll woeds on Hght gathering, sad burning Weods up by scarifying, harrowing,
 Eatioums EOTWATBR PIPES ELBOWS TSE PIPES
(xizuma
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MACHINE-MADE



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 or Pavenenta, With pricos, rorwarded for moleo Elcohen Ranges Bathe \&e Grooved and othe Coplngs, Rod Rad Stomeware Drain Plpea, saterom GILVER SAND (REIGATE), at the ston


 QHANKS'S PATENT LAWN TOTEA EHANES'S MACHMS Soveral fmportant advantages possemod byio drin PATENT DOUHLE-EDGEO SOLEPLATE WYOT



 Lawn Mowera




 -HANK' IMA'KUV\&U W KUUGH'-LBON BOILER That Boller is mudie on the prinetple of the Borde. and of Wrought-lrotls and consoquantly arie not liable to brank lrom
axpansion and contraction of the metal, M Cast-1ron Bulern aro The Tubes are placed is the FIrebok nnd so nrranged ns to ezpone
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 CathURTICULTURAL BUILDINGS in 1RON or FOOD.








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opon the whole of roof and on bid Patent Fentilating priacoplo to
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T. G Mresratize's Valre (sidgle or doublel ls effective, nimple,
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OOK ER'B PROPAGATINE BOXES, -The EABTHENWARE
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 \begin{tabular}{l|l} THE ROYAL SEEDSMEN, \& taken place, there was some change apparent in <br>
HIGH HOLBORN; LONDON, W.C. \& the produce, -a change in the appearance and
\end{tabular}

## ECONOMY IN THE GARDEN.

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colour of the tuber, a change in the vigour or preocity of the haulm; indeed, it ras ans or of remark, what an "udy et of I'utatos were
proiucel, Now this realt, whith was putent provuced Now this result, whith was putent
to that some diviurbance in the organsing forces had taken place. An-uredly, under ordinary drcumntances, even allowing for the varnation that does constantly occor, no such collection of misshapen Potatos would be produced from wellknown atud established varieties; and be it specially romarked, these ugly follows only occurred where ther had been adhesion between stock and scion. In those cases where 120 union had taken place the eet developed tubers of average size, form, and shape, aocorling to the particular variety. It is, moroover, to be remembered that the experiment is not completo until we see, next year, the produce of theso now ungainly tubers.
In ourformerartjole weshowed how, in ordinary grafting, the stock, to a largeextent, Aerven on a chanmol of commumeation betwrean the reion ani the soil. The nourishment imbitesd by the in ts of the stock parsen upwards through it into the tissurs of the graft. Hence tho Jittle alteration in visiblo characteristics that takes place in tho scion is not, after all, so much a matter to bo surprised at. But in the case of the Potato prafts, tho stock is not a mero channel of communication only, but itself supphes the pabulum whereon the graft is to feed; and under such circumstances tre might, as a matter of theory, fairly expect the scion to manifest some
of the outward characteristics of the stock. But it has been objected that the set can nover art as a stock, ioasmuch as it throws out no roots. Mr. A. Dran even goes so far as to say that there is no passage or flow of sap through the tuber into the baulm. Theso objections may be mot by the fact that roots are not necessary in this cace-the scion has to draw upon the set for its nourishment, and that it doess so, when union has been perfect, is shown we think by the fact that in such cases the ret is so exhausted that nothing remnins of it but an omptied bag of skin-wherras on the other hand when 10 unom has thath place, tha sht pomuna plump.
By the miltimy promes of fr fiting wie mevere such adrant ines as a cwarfer habit, increased fertulity, onhanced flavour, earliar maturation, greater hardihood, and the Sike, according to the stock which is selected. These are facts, a
knowledge of which has been obtained by accident, or as a result of direct experiment, and their value in a practical point of view is beyond dignute.
It remains now for our Potato grafters to follow out theur expriments, so as to arrive at some practical result. They must not be discouraged because in the majority of instances no result was arrived at, or because that result is not at first satisfactory. We may recall the fact that one excellent variety is positively stated to have thus originated. and if one, why not more? Mr. Bennett's objection that he got no sesult in the case of the Jahlia does not outweigh the positive testimony sdduced by those who have. Moreofer, there is the case of the Dablis imperialis, the habit of which was altered by Mr. Saiter (seap. 1192), though that experiment must be repeated before much atress can be laid upon it. Again, it seems necessary to cantion some experimenters agaisst the very common orror of mistaking $y^{m s t}$ for propter. Mr. Simpson may have induced his scion of Ierusalom Artirhoke to grow when attached to a Fluke, and it may even heve produced "red tubers," but those tubers were of the Altichnke, not of Fotato. Io must excuse us if we are still sceptical on the point, though we trust we are not steeled againgt conFiction.
Future experiments should be direoted, not meraly to the attainment of salditional prooss, but also to the procuring of new varieties of fertlity, and so on. And if our premies be correct, there can be no doubt that with a welldevised purpose, and an intelligent selection of stocks, much may be done in the future.
Turning now to the other axperiments of Mr. Festi-to the results of cross fartilisation in the ordinary manner, we think they exemplify the tendener that Major CI, ARKE so wittly and trathfully bewathod at the Manchester fion yresgthe tendency. that is, of raisera and an primentors to run to nne gronve. Thua amnig Mr. Fenves hybrid Potatos there whm coorl, had, and in
a little and the fragments arrange thomselves differently, but still they are thesamo fragmentsand throughout their almost infinite permutations one common semblance runs; and so in these Potatos the "blood" of one or othor parent was to be manifestly traced in greater or less degree throughout - the combinations were diverse to a wonderful extent.bat tho material was cally, was the production of asmall, round, mottled tuber, almost precisely identical with the wild forms introduced to Chiswick from Peru. But this revorsion, howover intercsting as a matter of science, affords an illustration of the necet a ne getting out of the rat, and of striking outions of old forms, still less do we want, for practical purposes, to go back. In the matter of the Potato, our Hibernian friends even would object to advance backwards

But how are we to get out of the benten track hhow are we to make real progresB-how baflie disense-how improve constituton-how Numerous methods have boon recommended, and all sorts of srhemes proposed. Here is another, probably not a new, suggestion:- Thero ar soveral hundreds of species of the genus solanum. In the case of the great majority there would probably be no good result forthcoming from an attempt to cross-fertilise their flowers with those of tho Potato, but there are some few with which it would be quite worth while to make the attempt-such as S. Magha, S. immite, S. Commersoni, S. We shonld look to our Botanic Gardens to introduce the plants where necessary, and to carry out the proliminary tnals: should such trials be sufficiently promising, the expermmont moght unsuccessful, or follower up on the large scale by growers for sale. It is quite clear that in-and-in breeding has been carried on long enough -a little new blood is required, but we don't know how it can be supplied, except by some such means as we have pointed out.

There are two distinet forms of Picea Pinsapo cultivated in our gardens: the one with obtuse laves, which hac bmme conne pleatifnlly this
year in different parts of the kingedom: und tho other with grute leaves, of which a fine specimen was in Mr. Sravisis's pollection at south Keusington on Nof. 16, of which we have never seen fruit, and which is sometimet confounded with Picea cephalonica. This is the form of which an authentic specimen from BoISSIEr is contamed in the Kew Herbarium; but on reference to his plate and text we find that it is considered 88 a sterile branch of the obtuse-leaved I'nsapo. Be this as it may, large plants exist in this country like that exhibited by Mr. Standisir, and time alone will show whether whon old they exhibit the characters of the obtuse-leaved tree.

A supposed variety of the species, named var. baboriensis, from the locality in which it has been found, has been described from Algiers ; a specimen of this, with ripe cones, it in the Kew collection. The locality in question is noted as the apper woody region of the
mountains Iabor and Tababor, in Eastern Kabylia. An important difference, however, epperare in the leaves, though tho cones lewver Pimeapo the leaves come tiraight from the graished
bese, and the leaped have much the charactor of those of the silver Fir. Now, exactly as in the Pinsapo, thero is an acute-leaverl variety namod I'. cephalonica or P. Apollint *" and the ordmary obtuge-leaved form of the Silver l'ir; and Mr. Cox lately sunt up to South Kensington a branch with cones, referred, both by himself and subsequently by Mr. Andrew Murray, to P. cephalonica, with obtuse leaves; contirming the judgment of Parlatore in considering it a variety of Picea Abies.
It appears, then, either that the variety baboriensis must be considered as an intermedtate epecies, $\dagger$ with the leaves of the wlyer lir and

## *Thuro is an, ituse laved forns of $F$ Anollinim, fromat



the cones of Pinse,po, or there will be reason to
believe that, however different they may be, the believe that, however dimerenly variable species. It is particularly requested that if any one has fruiting plants of the rcute-leaterl Pingapo, specimens may be sent ton on Decomber 21. M.J. B.

- In accordance with the announcement made in our last, His Masesty the King of tife Brigians, and soveral other members of his suite, visited the cardens and art oollection at South Kensington. Mr. H. COLE, C.B., Mr. Ow wn, Mr. Thompson, and Mr. ReDgrave, R.A., and was for two hours occupiod with the 1uspention of the whole estalishment. the Royal Horticultural Society, where he was received, at the north-east entrance, by Nas. FRS. Fice-presidents of the Sordety, and by othre ween wrentel state of the weather prevented any atiompt the eve the open grounds afford; but in the large conservawry, where a aiful and ous company of Fellows had assembled, a beautinincipal extensive exhibition wa.
nurserymen and fiorsts.
- There are, we believe, but fow gardeners who ever grow their SHallots from SERD. This doubtless arises from the ebed not coming to perfection regalarly in our climsto. Nevertheless, Fe recontly baw some very fine specimens grown ire, five of which by Mr. TRIGG. of Eayling Hampsing 11b. 7 oz . Mr. Trige infor us that to Weighed 10 . and allowed them to seed, wheh they do the second year. He sowed the seed in good rich soil, at the same time as we fow thote wate tor at crop from which When in rows in the same specimens. Whem growing resemble the latter for manner as Onions, they begin to divide into offsets, when some time, until they begin oe mivide in readily distinguished. These improved examples are sand to be much milder in flavour than those oblained in the usual manner.


## - We believe that Schacer was the first who

 pointed out that the Fall of the Leaf was due to the ormation of a few loose powdery-looking cells formed This is equaly the case in the curious phenomens ralled Cladantosis in which twigs of the Oak'Willow and some other trees are thrown off by a process of and some ouning. This is especially visible in the nodes below the point from whence the stalk of the Pear hasaser from that hed os la In an emse however have we seca it moro strongly cxemplitiel than un the Vine, where the cells are so abumbant that hey masy be easily rubbed off, in the shape of a thick flittering dust, by the finger. What, bowever, we wish to call atten-tion to at present, is a fact which we have not ourselves observed before, neither has it been noticed by our most distinguished British pomolugist (the word being taken in its widest sense), viz, that the blade of the leaf in the Vine is often
thrown off before the netiole, the denuded thrown off before the netiole, the denuded is, of course, the indication that the leaf of the Vine is essentially compound, though only one leaflet is developed, a circumstance which might be expected at first not so manifest as in some other apparently simple leavec, as for example in the Orange, though a swelling will be observed at the point of junction, Whach is indicative of the true nature of the case. It is very probable that this fact may have been recorded Belore, but it was a useful doctriae of rolessor as possible such observations, as their publication can do no harm, and may very possibly direct attention to points which might otherwise bo long overlooked
 and others have ehotra the gradual formation of a very delicate layer of cells athwart the leaf-stalk at right alls; and we prosame thatit is these cells enlarged te mealy substance alluded to by "M J. B. " but wo do not recollect whether the whole rourse of developwent has been continucusly watched. EDs?
Hop The employment of sublimed Scherera in our boon to cultiras, heyond all doubt, been a great now pretty general, having outlived the anreasonable preydiees, whioh were at first raised amainst it, as indeed found to benefit. A communicaus, though not entirely without to the French Academy by W. Mapes with reference to the chsage which howers of sulphur or ground sulphur undergo when wat on the soil of vineyards.
It 18 found that it is converted into sulphure It 18 found that it is converted into sulphurie achid which then combunes with the lime
make sulphate of lime. Whether the
 of the atmosphere or from the sulphuretted hye orygen culphating from the mauure in contact with the alphur, coes not appear certain, though no odour o susphuretted hydrogen is perceptible; but it is found

Ho

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## t

 The parasite could not bo stamped out the en the wind would bring starped ous imn nerghbouring Lop grounds, where mattergon itsell so strongly, that wo zatinht hope for adoption. The aubject is sarvaly lex
to our Grape GBowers, who atill sulfer rom tho consideration. MC. J. B.
their careful cons
those into the oomposition of whose Fren hme enters: EDS, 1

New Plants

 act
nus
nu
$A$ A species in the way of Stanhopes Tart H. $G$, Rehb. $\mathfrak{H}$.


Restrepias of the orisinal shape we ret Favour by anatelurs. The Restrepia elegnid is koown in grardens, though ratber tare in
curious plant, easily offended, and thus and do weil for long together. We found itar state in the Hamburgh garden, but if h divided and partially lost without our hont remainder of the three areat patchas potims
for four years, and are only now reotomin ing a single patch. Lere is nom the the genu- sent frum the suowy s.erras of Sel aryer than tuat of IR. clegans, of a claretom numberless small cinnamon-brown biothes the oolour of port wine. The extreme batil furnished with two orange-yellow auriefer of the deep crimson lip has two slendar jalar The apices of the connate inferior senas bl a Trichor EROS PARYIFLORTS, M. Bi

 BIRNNIAL plands for lorket-me-Nots furnish such besuty or on the carden, that we cannot, or do with them. There are esver
varieties of which very little is 3. sylvatica is the species so
den and other places where th: den and other places where free-l charming mass of hright b


Well-knop, wheli I se nflower last reason, an acurisition, its plensing tioned.
peotes, introduced rend


#### Abstract

 of ant suring. to obriste the recombly of my taying a Werc it grows frim of to 9 invites in heights, and - won in bloom premonts a benutiral man of okj-blue inent yontif asorice is a very draner-mromian apecies ob-  henk.., As flumers are ngbt blue, witn a je.ow centre albe dwan, ath a farthink companion for the tise one 1. azur curentina is another charmbis variety, of What tor buth cannot be said. It claims speona athontron from every lover of apring flowers, on soc mat Cito dirard distinot habis, ita free-flowering oupabil. tio for the frat time to Eheirt in Prumsis during the it Thero ins a beal containung som anything more lovely. little jouts, not more than 4 incbes in height, each formathet fist, net, connprot, pyramdel litto birth, ind Fant varying the slightest, aither in sids of Every plant was smothered with fowers of thit deejl blue colour. It reproduces itso free.s from soed, and it mute be conndered one of the preatiot moquasitions for the gpriar gandon that has boen gulved for many years. A bod of those rarietion M. asorice edged with Arati - lacida Far Thare ar- ofher mpectes of the MJ onotia, but those I have matit 1 l colistatulu the cream of the family. 3f mof thrim naty he constulered perannials, but as Way If pratlums lleth, aud the phatis thus raised grow end flower tit re recely than thowe propggitad in the Anatist I'repare the leed by uaggull, and rake it rathar fite; water the bed some days bolure the sood io wown, so hat it will not readily ket dry. Aner the soed Tintorial, but an soon na the seed sppearn some lipht aso it, until the plants are strons enough to bear the plants strong eboagh to flowe the following pewross should be treeted in the tame why whe the Myomoth and Fill be found invilubblo for spring decorntiontig, and Amone otbar plantiof or sprag decortho. fiosed Collinuis bicolor C . mandiloter mad by menNerocphile insignit, N . fiomadillore mod C. veram Clarkia puloherrim in fl, aud the doutlo whith Candjtint, Jimanathe D) aud the duuble whit var Vo cicuria Those ahould also be sown about the middle of July, and should be tranmplanted as soou an ready into their wintor quartors. There are aloo many uther placon whore these planto may bo usod nith a very plonsing effect suoh is in tho viount plaos in the shrubbery; if these plantu ere ono loonted there they will reproduos thomsolves overy yeur, without any further trouble. The Mjomat. ui. i suenes would grow muoh more vigoronaly and flower more freely to the sub. lou could introdere thay are nally exposed Yrimroees, Polyanthus, Violets, and siscbolliko which would grently enliven the soene I kno of a Whlk obout helf-m-mile in learth, at Wialliamitow aroned e pioco of orratomital water; it is burcumded he high trees, and under theno thoum it is of Primerd by grow luzuriancly, nad perpetusto thomeolver without  montioned, hero and there we find 4 comploto aurpet of the oommon Anemone nemorom suld A. onpenion Ilive ia hopes of seeing our alorubbery bereder und wasl plaoes thma flled, mod until we en leavour to mumato Nacture by the oultivation of theme bandry plants our ardens will only prove to what a low ebb horticuicure has aubsided. In ruy next peper I shall give nurn desoriptive notes spou perenaiuls adapted for surum decoration, with hint upon theír oultivetoon adad propreation 1 J. $P_{n}$ Tottemicm.

\section*{GHURCR DECORATION.-NO. II.}

Drawing and Making Dewigne-Thereure fow kind the maxim that "What it worth doing at all frugh o


 an. BJ the cnd of September or boginning of October
taken not to plant them too olooely. A very genall in the kutchen parden will suffice to produce 19 under the Gooseberry and Currant thees beat can rere, ve protection from the heat of the sure, a the a.lega of the Asparagus beds, shading them iil tryotin: a mali piece of the kitehen gneden to Itr a wriser, far the propamation of these plante, us Annth chen ha lonked after more effertesally.
 pleavie pemdermala it is is rery free in growth, and from pleameminir is ind ispensable to the spring garden. ase mavs of live.y to mase-coloured flowers, which have a ary pleasnis appearance. There 18 \& white-tiowered
riet, which riety, wherk forms a fine oontrast with the former en be stroniz enound to plant mat fith them anmar a calabriemouis another olant nime bith them (yosi: ? it forms for grouping with axich es the dwar Heht i it forms pink conse cushions, about 4 inches in alow a lans tinue. It is one of the loveliest of the is white and deselter unlimited vuitivetion peasing Sow at the variety of this also, which is why Another very rmportant plant for the tinis. It is admimbly adapted for the centre rijs lish $t$ anout an abundant hoomer. and is
 a.. lisara mext riasm
ani. limara next ciam our attention The inr $n$ : rastien. to which it stands in the It as the Calceniaria done to the summer $\because$, wisht. At fowers as freely as the common T in plant is strictly perenmal, atid it can to wit! mit any nisk. but as it comex from seed 1ransfer themen to the bordor. The seed of this otrld be soma as soon as ripe, or you will not get
 requived tritanto will be producoed, ald ite throw side up, it will look al wayt the whimeter wop.ce you hang it up, Wo nill neo a waye he mane
Wo will naxt nsoume that the trawgle which pon have drewn if lacror than wat wind, and has yon require one of e differeat :ste l'pol Jisure? you Whl fad a dutted trisnple, in the satic naze me thei sa ligure 1 . Iou will also flad that dolles liwise have recon druwn from the en itre finste ansice of the dotved

 ormed hy ralun: mee thetwoen the imutri-where the urfle crosem 1 lie d.othed litee from the neinte
 Whioh it is comrooly nemesoury tin ispla, h has lye o ob asined in lite menner a rixill a a laver circte It is only by thus correelis frating the tryizgle withan motiot, that a proper forms is ta, be olthataed, for govering with evergrewhe or elerinathis flowern
In order to produoe the very pleasists, destign of two Migurgles interiacing, it wi.1 the seen, on refarsace to Figure 8 , that by dividing the circumierenoe of a dircle a beriom into dif gerts, and by ruliag linen botwoo
 determine the mis point upon ith ciroomference thy dolormine the mix point upon the ciroumference thy contre to the engler of the larre kriangle ithen mantw by straint linen every other one of theme pointa, and you will find that you have two kranler triengles, arr mpad perfoolly symmetrioully wius the piogareer tranugles. The eruing at rubing cull a little pieso of the linex wheri 1 thi wisl, anuther trianale to sppear to mase over, the elfeet of hiterlacing is pro duosa.
Hanging or Fixing-wp Jestigns-It in krevous to see, an we liave so ofues observed, mally mody-made lookinat at thens We weil know that it in mot an ent mattor to uno a hammer upon the top of not an ong matior to una haminer upan the tip of a tall haddar
 mukt be huak horizontally, perpendicularly, and at they ane intended to proiuce will be moriously marred.


For instance, an equal-sided triangle looks better when ixed with one angle pointing apwards than with one angle pointink downwards, but in either case the side opposite to that angle must he perfectly horizontal Agnin, a star compased of an odd number of rays suoh as 5, 7, or 9 , must alwas have noce of lum ras s pointing up werds, and math on si, a.enl that when a plambline is dropped from that opmont pont it slall pass
 But if the star have as even number of rasis say 6,8 , 10, or 12 , it does not matter whether the highost part of it is a ras-point or an imaginary line connecting two of the ray-points ; in the letter case, however, the imasinary line must be a horizontal one, or in other trords, a plumb-line placed ait a point equally distant from the two topmost ras-points must, when the star is correctly fixed, plis exnotly hall-wiy between the
two lowermont ryy-points. W. two lowermost ray-points. W. T.

## VINE SOILS.

## (Cont inseed froun p. 1231.

I sur asked to bring forwand my footh in order to prove where Grapas are krown to perfection in Bolls componed in a groat pid of chlcareous matter
 partisan of either one son or the other
quabilia, howsor. buted over the country I do not possess zcausintance with sll. Caloneous matter is found in almost every zoll. souls, however, which mas be ternma stinn ly calcareous, gre to br found in the coantios of Kent, Sussex and Ifampshim, and in these counties can it be said that Rond firapes ano not cultivated? fould refer Mr. ('ramb to the Vines an 1 Vine-borders
31 Donbies, Dorking, under the management of the vetaran MIr. Drewett. These borders were frormed in 1858-2 and contain a very larre gquatitt of micarcous matter, purpocely provided for then by 44 Irewett. Wha, anlike Mr. Crmab, believes in the alicienry of lime for the Vine. Singe their for mation to the precont tiome, Mr. Drewett has neve fatied to have satishotory cropp; and 1 ain informed that the "Denbie" Trebbianos tin he seen of the Mr. Drewett's success at the metropolitan ahow for
many years is Busficient evidence of their quality. exhibited by Mr, Drevett, whioh obtained the Ist prize at the great fruit show in St. James's Hall, in 1858, which, as reported in these columns, most perfect specilnens of the kind that hare been exhe bunches were beautifully symmetrical, and, above Grape always possesses when in perfection. They the show by Dr. Hogg, Mr. Moore, and Mr. Thompthe show by Dr. Hogg Mr. Moore, and Mr. Thomp-
Bon, speaks also as ollows:- The three bunches
extibited by Mr. Drewett were objects of universal admiration, and were excellent examples of first-rate culture, They were large, handsome, and well-set;
the berrieq also wcres larke, of a fine amber colour, and almont as unfurm in size as if they had all and the Muscat aroma was delicate and subdued." Is this evidence for ur acainst calcareous soik? Aribhton, the crayce are all grown on carcareous soils, calcareous soil, and Mr, McEwen obtained not a few prizes for Grapes grown in tho same soil

At the Grange, Alresford, Hants, the Vine-bordera Mr. Cross cut Grapes which took a good many of the leading prizes at the Crystal Palace and Royal Mlortionltural shows some six or eipht years ago. Mr. Baker now informs me that they are in splendid con-
dition, and produoe first-class Grapes-the Goldea Champiov, moreover, krowing very Tigorously. At
Welbeck, again, the Vine and fruit treo borders are sll onmposer of calcareous soil, and here it was that I saw tho best exsmples of Golden Hamburgh atardy as the sturdiest Prankenthal; and this, $b$ it unt, is is the variely which Mr. C. instanees as an exive a. ${ }^{\prime}$ hear. $1 f$ if the finious lBlack Tripoli Grapes, Speechley grew his famous 19 -pounders. Go to Mr. Rivers. Who, although not a cultivator, but an experi mentalist with Grapes, yet grows some of the beat Trentham Black in his ground vinery the like Which is not to be seern in the country, and it is growng in nothing but the natural calcareous earth. Committee. Mr. Wottam, ar to Meeting of the Fruit Committee, Mr. Wottam, gr, to C. Longmana, EsqCertificate for very superior examples of Alicanto Grapes from calcareous soil. Examples may be multiplier if necessary, but here, I should thinks, wrould be Grapes aro grownincelcareous soils.
I may, however, on parcant, look for moment across ine water to the Vine countriear although Mr. Cremb has refused to accept facts of that sort. The
vineyards all around Paris-the best vinesards and the
 examples of cultivation, But be it romembered
that they are grown with little sttention, and for favour it must be admitted that we can never equal their Chasselas de Fontainebleau with our best examples.
In addituon, have we not the example of Mr. Knight, In addition, have we not the example of Mr. Knight,
an English kardener, before us, who at Pontehartrain to the olimate of Eagland, nor to its soil, but altogether to skill and management that wo have been enabled to astonish the world with our English Grapes. Mr. Knight grewi magnificent examples of Grapey, which were ex
hibited at Paris time ufter time, for which he received several medals, and which would have graced any exhibition table in this country, and these were grown in calcareous $80^{\circ}$ ). Having seen the Grapes I can speak positively about them. For the rest I cannot do better than let Mr. Kuipht speak for himself. "The whole careous. Our indoor Vines were planted in the natural son of the distriet, with an addition of one fith dendorised lake mul, and sand. Ontside Vines all
orer the country were planted in the strong ferre franche, or culrarenus sill, in some rases quite white and liny in texture. Chasselas de Fontannebleau, or
Royal siuscadine, fruited in masses in this soll, and,

 against gables of houtres, still bearing good fritt, old In other soils, big sensational bunohes may for a time be produced, buth at the expense of an impaired conatifrint tree nescr fails in producingous soll, Ibelieve a plant is ubject to littlo or no disease. I confess to arme astonnsiment on heing told that calcareous soils are nert to porson to Vimes, nfter having lived in a Where every noit deau has to be filtered from its stomaob." The Vines at Grimsen into the human Lord Londesborough, m Yorkshire, sre on the magnesian limestone, which Mr. Cramb says is the worst of deacribed by "M." ( $\mathrm{p}, 717$ ), "all that can be dosir, or, as and Mr. Donning states that "they cant betesired i" orevicer of the limestone rock, which is only from garden more than tpro fesurface, and nowhere in the farden more than tro feet." Samples of the produce Ine-borders at the Deopdene are also ealcarent. The
resting on the ohalk. And thus I leave the question, hoping that Mr. Cramb may long continue to grow them. B.
P.S. I omitted to oulighten Mr. Cramb as to the difference between the new and the old red sandstone
Woils. Well it isn't much; so that Mr. Cramb is welcome to all the consolation the knowledge of such : fact will bring him. In the new red sandstone there a, however, a much larger percentage of calcareous matter, and more clay in it always been good. members a time when the fruit as exhibited was a long way below par, although growing in the same kin under the management of Mr. Stevens.

## THE MESEMBRYANTHEMUM.

IT was once my good fortune to see a house entirely devoted to the oulture of the Mesembryanthemum, the collection numbering between 200 and 300 kinds, I cannot call to mind the name of the gentleman wh member of the Soctety of Friends, and lived
Britannia Square, Woroaster. I was so delighted wit Britannia Square, Woroester. I was so delighted with
this dharming collection of plants, that I remarked this oharming collection of piants, that remarke abulous sums of money spent anoually in the purchase of Orohids, and houses erected and devoted entirely to heir oultivation; but it must be admitted that many Orchids are more onrious than beautiful: and if houses are erected for curious plants, gurely wo have in the Mesembryanthemums the most remarkable group of set apart for their culture.
The majority of their flowers are remarkable for expanding only beneath bright suxshine, which, perhaps, is not much in their favour. They possess in many instances very vivid hues, and have a very interesting appearance. Some bloom in spring, some in summer some in autumn, and others in winter, and many carry such a profusion of flowers as to be entirely covered with them during the hours of their expansion. Their leaves have some of the most singular forms which sre known in the vegetable kingdom. Their capsules have somewhat the appearance of little Figs, and, viewed in ocnnection with the composite-looking flowers, Fig Marigolds. The papillom, or warts of the largest subzenus, in some instances look like pimples full of moisture, and glitter in sunshine like bubbles of ioe.
A correot idea cannot be formed of the beauty and singular appearance of these plants unless seen in a group, similar to the one I witnessed. They were likewise most tastefully arranged, some being suspended rom the roop, some planted on rookwork in the centre of the house, some standing on elerated shelves, and drooping elegantly over and conoealing their pots; Whilst others of more upright growth were arranged on The arrangement was, most effective, the sight dazzling In my boyhood's days I remember my father effect, but of late years I have scarcely seen a plant anywhere, except perchance in some cottage window, Who will to fereraly much prized by the worthy dame, one up at the Squire's garien. Surely we are going favourite flowerg. hut at bo many of our once old and old styles occasionally become popular, so let us and otd styles occasionaly become nopular, so let us return and be once more in fashion. The age and skill in the art of hybridiging is so far advanced, hat should any of our old-fashioned favourites, we should scarcely be sble to recognise any of our old friends in a few years, with their new and altered faces. I would certainly adrocate the more extensive cultivation of the Mesembryanthemum.
Their culture is simple and easy. The annual species must be propagated from seeds, which should be sown chinly, about the end of Maroh, in well drained shallow pots, in sandy soil and peati, The pot containing the they germinate; when the young plants have formed three leaves, they should bo potted off singly into small in a warm frame until they are established. They may
then be traneferred to a cool frame or house where hey should atand near the dlass, in order that they
naj reosive the full byefis of the light. Water should mikes thery hotioble to be destroyed by damp ast the next phifting they should be repotited info a richer mixed with it, or peat, mortar rubbish, and sand seleoting a very or planted out in the flower garden, easily propagated during the summer months by seedlings. Some will require the same treatment as the have their cuttings taken off a day or so prior to their being inserted into the cuttiag-pot. Many of the ahrabby kinds are so hardy that they require no other under protection than to be kept from frost and rain, are suitable for rockwork. Edward Bemnetf, Osbertos.

## 

Aulphar as a Prevention againat Thdew, -In an Nant (given at p. 94 of the new scientific journal, Sciencen, it is mentioned that flowrere of andphumy of on the soil of the vinevards ars effectral in presorvia
averted by the game means? I hantint
Géant des Batailles, whioh I was abons Geant des Batailles, which I was about
consequence of the dificulty of keeping
but 1 think it would be but I think it woald be a good expp and situation of the beds are exach of your correapondents be so ocod ath quantity and time of application?
Budding Evergreens.-I should whether evergreens can be sucoent bon July I inserted several buds in the
seedling Rhododendrons; they reasain fresh for more than two months

## tight; the bark then gaped sind and

 meny of the buds foll off, havien an whe maited, glthough they had romainsppat only a very small proportion same occurred in the case of buds inmytuch of Aucuba japonioa Some yeurs agn It thought I had removed the ties too soon a good thing to cover the bark with the Monopangax Ghiesbreghti. f Plant Portraits (at p. 1183) - Amongen "Gartonflorm" 1859, p. 35, tab, 603 quin plant, which is there deseribed as a nyw lu by Recel I hold it to be prom the mient H J.K. which Humboldt and Bonst Mexico, Linden in Chiapas, and I in las of Hederacem " ubme of Orempanax xalaperise, Dcae etple xalapensis, De Cand. Prodr. iv., p. 2th iv acceptable, as it is the first everwhy so excellent a botanist as mo fow s, failed to recogaise in it the $s$ that he mistook the abortive opary of : (with its cobsolidated styles) for a ferme m one-ovaled. This of course readers t pansx untenable. Berthold Seenang,

Root Action. -As fac as I can undertan morn cet, your correspondents seem at a last man action, and one of them relates his erpent action in some Gooseberry bushes leaves. May 1 ask one question, whice
have overlooked, aamely, what becomo dh Vines and trees after wre summar ansman me
 depends the whole seeret of lear snd b Whe the Feather is warm and the comes on does it descend is the case, is it congealed
lose their nourishment appearance (Whioh they s
The ajap being conpealed, The sap being congealed, they are taken to insure progression by fermestin and the inke; the gap maturaly bepus
yourg wood first, and then like met sap helps to melt the reat untilit to when, if the borders are or can be whe of food is obtained. Now, take Vine ge doorg. Sometimes a warm or el sad melts the sap, the buds haps a return of frost or cold poon frem of in the sun has sufficient pon branch, and all goes wall
burst, and frost takes place, if unprotected. So if the lighto rere and the Vines are kept back 85 spondents have shown the restits Farm borders. And now to it on the fre, how soon the be a tree, and let it lie, how often it medeat and small shoots; here root them, if does the sap come fom, stored, as they say, for stored i
reanlts? But in the case of
? making root as described was only natural they should do Thish themselves hence the advant There is one question I should nk

the too great expansion ing the Fessels containing jt auch an expansion of fluids, m but an humble glaaner in

## Appleisan excellent farly varlety,

 The fruit is conical in shape, sum the skin is pale jellow, bat is
##  <br> 

## 


 ar. : Wntea. The cild gateen were formod of framed Prise in mod authonty had lanted abore and y ame




 and rat in in the latter cladae, which refera it

 iof


 on: - ar re can be no douht upon the fisinn Oor cratent phymolonet, including the wriunge

 outcre mort, moot of it, moend to the top of the tree. Ita perpiration." Bhiad sloo mpported this own that by applying a itrong lizetovery obvarver not hetow the ligeture patenlls formin above ajencs of a drecending sap. fiut toinhtiass you will o this I nowe sperially mume ine maln gupation, denme of yoir kreat predereaser to ohow that

 toteraian of "thin and that although the immepumpritg and one of the moat important pmintan Woe ta rtarticust still to be insestigated with referPhe matur ar the limazely the rolaboration of arganis. Werending cop wint nit ronta 19 murh askigted hy the


 thands rave. that the elahmerated sap in its down
 Whonl tis rand extando that the ascending sap will do the same




 Wome "irilua," as Jamie puts it in sat-





 aricrab limed ireves planted whero the old bedge had been



 Whate wilh mil tew, whech was no douht the real

 run acrise the pat and H1at when this howlen






 Bewh, an I ther form trowe, an! many shruhat of kro mer mo but proper fol thratement to glant thaseh, there



 Envometh Dobo. The remprkn of on M. J. ib, "and but littel light on the cause of the parantiond Fungron the roots of the Proas at Eatington Park imit from suy wher sourco than 'roms) derasem1 hite of of thiten tree row木 bht ite rrmernce of ne ther

 are ta, atht to orok apon it w th manmerasary a arm we look upno derasing wertahin mather with dreal Fiony contact with it healthy roxis ahould monirnec aganst one of Xalure in pp mary lawa make wir the defras of dowasinu remotahio anatier that we spo grandeur iffour firmoto. Is it mat meadown and 1 the rawn of Intrare liat we are in lehtrol for mat entire
 nur exatenme Jiarming in he deacription of Terma
 the Fiveriane and in the same chatter for amenge 13emeh tries gipthing 13 frat, and oire ; feet in trameter



嗐fuce furrows, to dhow the water the nearent aray to may be reon darly in evory nobleman's park in the
oountry. Premature decay becomes vitible in s atunter























 Duratoon of Life in Planta Ravod from Cothaga -

 Wei. Iriad lareh As regarls mingoond guastinn


 rule aro io b-mpeomed of of the Jontar werm rufte trat tre ilr iarscler of that aproses a tant in in kardes in omainen 1.1 nburgh




 shart afresh as if from a eoed it The truth i axpoct is
 Ilat is the new vitality pirndueell hr the make oubit



 Vine Buddang - Thatir. Yag is je rathang onew under exhbitel vy lemorina and fally st the name i, me, hy nif rmathe my ndmiral, in whitis whit.ar, of the



 it the Manctioner like many more of mi brethren




 so well oxplained the nature of the operation at
p. 12ch, that 1 need not repent it her apondent, ns you mitate, hepeat it here your confornding it with









duty to assist one another. Why has Vine buddiag
been kept so long s secret? $B$.
Root Action.- Questiops have been mooted in your columas respecting the priority of action of roots or t bottom-heat - also as to the cause of their bleeding. The rationabe of the process of their life and growth is this:- In the seed the radicle is the first to start, nourished by the cotyledons under the influence cells, the extreme one collects water from below, in which nutritious elements are dissolved. These endosmose by Dutrochet, while the stem returas by encosmose a fuid elghorated by the leaves or other sur-
face exposed to light. It has lately been proved by Professor Graham that without any infuence of vitality all crystaioid liquids, as Fater, \&c, will, in definite proportions, pass through agy septum
the place, by diffusion, of any colloid liquid, as gum, \$0., which in less quantity will pass to the opposite
side: this is the prpianation of the transfusion in the animal system of the chyle, the blood, and the liquids
anveyed by absorbents and glands. During oold Weather or uroupht, the sap contained in the vessels of equalibrium, and therefore no action occurs in deciduops trees, but a slight mavement continues in evarbe seen accordiugly that snow melts first on evergreena Farmth, however, causes the buds to sfell whith had been stored with starchy materials in autuma, arrested by cold in their progress of coll struoture: thus a vacuum, or at least a lioe of lens resistance becomes established, which asils into sction the principle of extibited in the roots which descend in the and from the simple example of the Duckweed Fhich sends roots domn from each of its leaves, plants. It has been found by reoent researches that the copious transpiration from plants, which is the ofective cause of the actire pumping by the spongiole upper surface of the leaf, and the red and yellow rays by Deberrain to tha French. It has also been showa piration talies place equally in a saturated atmosphere, piration theres place equaly in a saturated atmosphere, ereporation. It is also worthy of notice that the process of diffusion is not dependent, except secondarily, attributed, becaase the sap passes apwards and downHards, not through tubes, but through a succession of closed cells, each of which is subject to the aforesnid rate the movement, and may, if carefully restrioted, be maeful to the Vine, hut should not be psed to originate G. $\mathcal{H}, V_{\text {r }}$, and it demanda obrindant supplipe of water

Salisburis sdiantifolia,-There was a fine healthy geecimen of the Maiden-hair tree growing in the plea-
sure grounds of the Marquis of Bathrs, at Longleat. sbout 14 years since. If still in existence, it must now
be pne of the largest in this coumter be pne of the largest in this oountry, as at that time I
should say it was at least 40 feet high. Perhaps the present gardener will be so good as to give s few particulary of this plant. Specimens of the Tulip tree (Liriodendron tulipifera) were grand at the same place. London, it would be ove of the handsomest and noost Guitable for the Thames Frobsnkment, rivaling the foliage; and, in addition, its autumnal tints are of the most varied and beautiful character, and of the most esguisite polish. J. Sheppard, Woolverstone Park. ur foreman, a native of Surrey, informs me that 18 Maiden-hair tree at Milford, in that oomnty. The tree Was between 60 and 70 faet high, growing side by side with a noble specrmen of the deciduous Cypress (Taxodium distichum), that measured nearly 20 yards
through. Will any of your numerous cormespondents kindly inform me if the tro plants mentioned sbove are still at Milford? Solinalle
Barbe de Capuoin -
Barbe de Capuoin. - I procured a parket of this salad plant from Mesgrs. Barre \& Sugden last spring, seeing That it is so hishly prized by our neighbours across the

 hioh characteristic they carry pith them and main William Earley, Welroym
Feliotroppa, - It may interest some of your readers to know, in corroboration of an extract from the plant of Haliotrope, planted more ihan lo years aso Which at 3 inches from the ground is now 12 inches binches, which are each from the main stem two frinctes, Which are each fully 6 inohes in circumference. The plant is kept down to about 8 feet by ahundance of bloom. XI.
The "Achppeqnorricher" \%elen--[Phcebos, what Toned in \& catalogue this Melon outourably menpacket, harich ridgen variety, I obtained from them packet, Whinh contained eight seeds, lhese I sowed and placed them in a moderate hotbed, used for raising half-hardy an a modederate hotbed, Oused for
couple of leaves they were transferred singly into the same sized pots and replaced in the bed, where hiey entirely departed from it. I then planted out, withou disturbing the ball of earth, one each on for separate ridges, prepared exactly as is done for
ridge Cucumbers. a 4 feet square glazed frame, the other was lef
wholly exposed to the weather. A third plant was taken out of the pot and inserted in the original bod the frame not being removed. The fourth plant was unfortunately destroyed by \& slus, so that inad but healthy vigorous state, but the two in tio frames much more rapidly than the unproteated one. They all proshootshad extended far, without any female ones sppear ing; but afterwards, when the male blooms had all number of females presented themselves instead, which turned yellow and dropped off without swelling. This which was not attended to by me owing to my previous gnorance of the habhts of the plant, and, noturn of fru the results, The ridge plant within the frame produced three Pruit, which weigned 210.13 oz, 210 . during September, That in the other frame had but one fruit which came to full maturity the first week of October the weight of it being 81 lb . 5 oz. The open ridge plan set five fruit, three of which had attained the size of a Orange, and two rather legs, when a slight frost tha occurred on the 1st or $2 d$ of Augubt, though it did no injure my Dablias or other flowers, nor even my
Tomatos, so curled and blackened the lesyes of the Melon, that it never rallied, and consequently the produre did not ripen. From my experience, then, of his Melon, as above adduced, I should say that orving it the vicissitude of the weather about the time o n ipeaing, it cannot be grown in this country but that it with answer well in the genorality of seasans, without artificial hest being appleed very prolific by care bink taken with regard to impiregnation, sis I have before mentioned, the fruit weighing from 24 lb . to $3 \frac{\mathrm{l}}{\mathrm{lb}}$. each, or perhaps more As to the qualities of the fruit, it is not only very gandsome in spoearance, hut its flavour surpasses the of many of the more tender-constitutioned kinds, tha are grown at so muoh grester an expense and trouble orm is completely ciroular, evenly quarlered, and flattened at both top and bottom; the skin roughish, mottled with a dark and paler green, which turns yollow when ripe, and alightly netted. The flesh is pretty thick, deep orange-coloured in the centre, passing to yellow-green next the okin, melting, juicy, and agreeable to the palate; but it doem not possess so posverfut an aroma as some of the more tenter-growing
kinds. I think, therefore, considering its ohesp and asy management. as well co Molon.
axtensive cultivation ; and it appears to mo surpriatue that, aithough introduced some years ago, its existence should be so little known throughont the country I had visits from two first-claqs provincial nurserymen, and also an extensive grower of Melons for the market, as well as private gardeners, who all told me they had never before seen, or even heard of, such a variety; nor the hortioultural publications. As it is my intention if I be still in the land of the living, to give it another trial next year, 1 shall feel greatly obliged by some one of your correspondents who has grown it, atfording me enrouph the mediam of your paper, a statement of hi experience, as well as opinion of its merita, which will
also, I have no doubt, prove interesting and serviceable a) so, I have no donbt, prove interesting and serviceable
tn many others of your readers bosides my solf. Amateur. Whitland, Carmarthen
colouring of Pelargonium Leaves. - "A Canny Scot" has given us sueh a display of his "lcarang" on
this subject, that we poor "bogles aifa" doon sooth" ought to be quite dumbfoundered--but we are not; we are "na sae daft" as to be deceived by his "whigmaleery, "and still think that the expression of "the Pelarconin of coming death, as applied to tricolor the fall of the leaf in autumn to do with the question
or does he class Pelargoniums with deciduous trees
and expeot them to shed their foliage in the autumn Trof Whatil I were to go into his stove at midsummer and in the presence of his Caladiums, then rich with
glorious colour but still in robust health, tell such nonsense? or take him to his plantations, and cepeat it some If he dand not 'ca' merplo Beech, and there would thank it. Then why shoulh not tri olor Pelar goniums be subject to the quae conlitiont, Ihithe point. Mr. Fish has shown how pink are not to would be obtained in the leaves of this varipty by twisting the leaf-stalk, I simply stated that like results were obtained by excessive drought, but I did not set up the absurd theory that coloration in this tricolor at all, but a simple bicolor, and has no thir Whour under any conditions but those mentioned of the white appears it is as a discolorition But the remarks of Mr. Fish and myself, did apply to portion plants that I mantana are most hooliums, a class o under the moss fovourable most healthy, and growing heir the most favourab

 may, I say that no judge shonld gire what
Melon without first tastrng it, Ithati
ought to object to bis Mrelons being cat peet ought to object to bis Melons being cou feet
of judging is to be allowed at all phiv have wax fruit, and give up growing y yot t purpose, it it is only the sight and ceant
to please? The sooner we hare this 20 for great frut growers and practias ints
for all parties, A rula shoudd belard
for all Melons that come bofore me to be I have seen kreen-fleshed Melons eritiot cars since, when Mr. Wridins ghom Gem a very fize green-fleshed manter,
quality, sud to all appearances fust ilit in Mr. Wilkiens iuformes me that he hat in of flesh, and a mermint beautiful shaped fruit Those larye, coary ${ }^{2 / 2}$ Willinem Shyilue, The Gardeus. Elntan Scot ti asks "if two senses can buthe lax
 of the tasteless mode of judgonent," Hituse is in error if he thinks my object in wropen defend the non-tasting nri defend myself and co-judges from the apa ve had introdured
were to be judged. were to be judged. In donsg so I h.nted tis mith much mignt ha said in favour of the now hin of judging. When one has tasted a soll
a bad one, it 1 s d dillicult matter to tel
 and no ne as green and hard as Smedes liacer
"A Canny Suot" had seen such Miend hur seen get prizes frotn the tasting test, hemef $f$.
them neitner handsome enough for noi serna large enough for clugnons - they were wors
eredit to the growers, and would asso best hou at home paring the Melon to the tecurds of is
atthouzh he might grors either tites scent them to prease he sense of tate p
sativfaction to have his sel
migut, if be cut a Melon that had herion migut, if be cut a Meron Thanson, Stants
and smell onty. Geore
Pears at the Liverpool Show. Pear's at the Liverpool show. coledia fait.
 of Cliswick. At my desire a frutar on
one of the Pears set up as Duchesed submitted to hitr, and he pronounced
Diel. I shall be glad of you whll publi Was much drecussion la the Hain in wit submitted to Mr. Jarron, nany min , Marderson ive tree bearing the fruit set up as Dunhesi


 Stevens, of Trentham. lour Reporkf.
 With that of M, G
Whather on account or the perfeot manner 12 years have elay:sed
was covered with Oive tre
Before athemputiu
Which ndeed cau
that $A n t i b e s$ is an
niles irom
promontory,
 Gras witl wers wood elfict.

Grave!, whach forms such rood maths in our Enelish
 faingle is en, hised, while for elaing as variety of


Ith. : \{raduas lealing to the house 15 bordered yin Orage trees and Date Palms, the latter atill in a
 it A © 'sm* rubluta, whal is parfert! harity




It is morasile for mon in critmeritn the masa of

 - I and viwes ard, cicupres a phot some-
inder a ander a south wall, is a collection of Castanes,
Enphorbias satd Stapelfas; Aso a large

 onse usel as a uursers, are the only gass slielices Amone thoundis
Among the more noteworthy plants on this portion the property I observed with pleasume Diospyros thde mo of a grean ualnuk IN nen mabure,
is sail to have o well-flevoured pulp rembinu num jam. Padium Catheyanum, prowingto
 baterial fir leng and laborious st zues on hybridithon to II Thure1's friend. ise fi, Barmet. IBath
 harenver, are beang fully itcketed with jabels of tho
 Sengo, near Jfrntomn, For, $1-1$ sets.

## Societies.



 i.e tis cticy which exfats in teveral





Eavara had many applications for s list of the riove so mere and an account is then rions in flomer here, and an account of thenr culci-
vation, I mond you the natues of a dosen of the beat I know. There are, however, a great number of varieties that have not come under my notice, which doubtlesp : re quite equisl or possibly may be better
than those I am about to notire, but I ana at least roush that these are knon -
Brude (not IIndke 3 ) a fine serrulated white flomer, Tra swet and free
Coment Garlen Aarlet the finest of all Where it zas dimotoveres srowing is, the carlena of Hanaten

 Drafon searict, zod habit, and free.
Boule de Few: a fine scarlet varnety.
Princy of Orango (Perkins) : very promising yollow variely, frea
Jean Bart: a compact gtowing scarist.
Beawty: srarlet fiake.
 Iri: A sicarlet a free eserralated varrety.
Ihese beastuful pants mat be incrused hy rut the- or injers when romted thes are to be potted in
 eutablinhed, after which thas should bare filenty n hound-this as the pome whare a number of grower





#### Abstract

Ammi 1 b      liae 1 reacht is The 1 reachit is a viry Row 1 the t ant plants for  


## ©อ) สpiary.

 in the kummer my (obeersatory 1 iteomb buve wa peopled by a fine swarm This hise is inede very lons
in proportion to the height. The iwniral portion of the
 comb was almmi ezalunvery dovored to the broad, obilg Sitslo honey in the lather part of alutumn harink boos


## 

In
 As thix $1 . h^{2}$ is marratsem that 1 ean transfer the mombly from ath orfinat: feathe I re suto it, for the turpose of storkimg $1 t$ m.tha asarm, and rece verad, I arldom attampt to wintar then breme in a domicief no basumbed in flatir natural repurcemients, and fatly intended shiftuge them and their omome into another


 were suthamenty jirositied of tht find, they ware then In the rentre rett of the nombly, and keemad to be inalung ail the honey in that part lirat About two Wreka aller I azan ppenel tie lise, and a and kight mit mys vew: the bees hal laft if enntral portion with the pleen. mowed to the $1=$ ff. the other to the rash: That en thre laft, findug l tliwe owe hat honey in unsealed colls, hal quibls constimad it all, and were, mill. the querit) aclually quin dead from xlargation:
 tes keatid hemes was, worp alise and actire, takidg It is not oftern tia' tha para in allotig the earls



 into two diviaions, and also etrunge that the queen
should bave ecoompanied the one which moleoted the should have eccompanied the one wh
worst provisioned portion of the hive
Bee-keepers ofen wonder at finding the been of a hive dead, aridenty from starvation, while there is a large quantity of ferw still unmosummel, The reason is that a.l the siness witman maty reneth of the clunter have been consumed ; moll weather pretents ther breaking the cluster, and separating for the purnose of geting near to their supirass, and they literal.y dio of starvahon while eurrounded hy superatmandance of provistons. To obviate the jrobahity of such a calamits, some beo-mastera tase the trouble to trananae the ronabs at the approact of winter, shationg those in the centro Which have been used rhiefls for breeding, and which are comparatively empty of fond, to ti.e s.des, and potumg in them place those $\boldsymbol{m}$ hi h are well furnished are used for thar purpore, to re-trangmes them in the spring, before breeding becomes general. Apiator

## ITiscellaneous.

Toppy Culture af Tien-Tsin.-In an Imperial decree ated January 31, $1000^{3}$ and comprisa commercia reports of her Majesty's Coneuls in China and Siams, the following pawages mocur- - The Censor yu fonew to tha preservaliant of the lises if the people,
nrders may he 1 sctand str, Aff pr, ibating the faltivaimis of the P'rpy diant a 11 ..ativa' on of the l'oppy
 sull into whenti an. Thati-hi, and hy sow degrees Chiagr-su Honan and Shan-tung. We now inatruct Governore to instruct the offioest under them avem Where, sud without deley, to ute the ntmon dingenco in publishing proclemations altogether forbidding the cultivation of the piant." Tien-Tain is distant about 70 mules from Pekin, the capital of Chme Daily Telegraph.

## efarorn (9perations.

## (For the cirming atheek.)

WHBRE surcomaional batrlim of Herharrous Calconlatrar and Cymerifas are kerna, It vizanit limester tock understomd, in rmand to the hater, that it lice have
 nedl be of ver of equal impart non ton it in marcoly
for bloom very prominently. Both thrive well in acool place, -any locslity, in fact, will suit them, provided the frost is kept out, and all the light and sunshine possible afforded them. Some of the main stock, or second early Cinerarias, may be induced to form more compact and spreading heads of bloom ins of start are pinohed back just as they show symptoms on star potmbound, will be much benefited by frequent applications of wholesome manure-water. Let the temperature in all stoves be still further reduces, increase by s90 Will now be ample by pight, with an the westher Attend well to the oleaning of the foliage of trees of Oranges, Citrons, \&c., during this their searon of rest. Give them but a moderato supply of root-waterings at this time. The conservatory should now be kept gay with relays of blooming plants obtained from any other houses which the grower may be in possession of a glight amount oreat may be me as show-houses, and which are not used as growing honses. Under the oircumstances most plants when in bloom masy bo
 especially such as the showy Phajus, Brassiax,
diums, Zygopetalums, and such Dendrobiums as
D. chrysamthum, D. nobile, D. Pierardi, \&o. Rootwaterings ahould, however, be withheld, as I have before intimated, as in all instances where a minimum thmperature is mainhaiced unts wants as much advance as possible from this time with a 11 subvects intended for indoor and other decorntionsat Christmas Poinsettias, Euphorbias, especially E. jacquinifora and Whte cameltas are all inore or less usetul, and likely to be made good nse of, if at hand at that time. Even plants of the Christmas, Rose, Helleboru niger, taker up at once and forced, may come in very acceptable Flowering Chrysanthemums which have become in the least degree shabby should be removed immediately. Healthy foliage plants, aven if but sparingly intermixed with other blooming plants, will be far more pleasing to the eye than the above. In our efforts to make a rather large display, we are most of us rather prone to crowd unduly such valuable subjects as Avaleas, Ericas, Epacris, \&ic. Immediately an opportunity offers, by the removal of the Carysanthemums, let not a moment be lost in thinning out the stook, so that as much light and air as possible at this dull season may fall to the lot of each specimen alike.

## forcing houses.

Be very cautious not to allow the temperature to Iuctuate materially in those Iineries in which the buds, havina swellod to the full, are about bursting into sasure s more nuiform prowth throughout, be now leced and fied acemels their pleced and thed securely row wir permanont quarin. Do mineaking, them in the performance. The vinery of breaking them in the performance. Mhe vinery at circumstances being favourable to a gool gat the borders are within doors, the requirements of the constant attention. Always use tepid water and aven thongh the season be as infeloitous as it w, and even the fact must ot be operlooked, that can be, sctive surface growth, the roots mithat, with cmount of supply as they would have such an like jurus supply se mey would require nuder son. The frequency with which water st the root in needed must depend wholly upon the site, and dopth, and drainage of the border, the age of the Vines, and so many other circumstances that it is
not possible to offer sdvice on this point. When not possible to offer advico on this point. When water frequenty at this beason we err on the side of afiording a too meagre aupply. Moreover, oconsional surface-sloppings, consisting of three or four 4-gallon watering-pots-full, are far more likely to cause a stagnsfiou than are any over copious waterings at regular intervals. By too frequent surfaca-waterings wo wis vious to air-a state of thiogs which is most injurious to healthy root formation or active vegetation. Where the borders are outside keep the warm th of the fermentThis will afford to the surface of the border a moderte warmith of from 65 'to 70 . Peach and. Nectarne
traet, which are advancisg to the blooming stage
 atmosphere is capable of influencing this by a rister on 3 or $3^{3 .}$. Do not slop a drop of water about more than first forery neediul cor a weer or so prcviously to the frst flowers opening, and use every endeavour to make the internal surfaceis $2 s$ dry as possible preparatory for that event. Mrite a successional sowing of Droarf

## EARDY PLOWER GARDEN

Amateurs with limited means at their disposel take ${ }^{8}$ arger amount of interest in this department of our Crendar than do most others. I will therefore commence at this, the planting season, to direct attention herein. I will begin plants as are likely to bo useful herein. I will begin with Hardy Clumbing Plints, Which are so desrable in all conlined or enclosed spaces. apparently extending, as they do, the area by the objeata, As staple plants for backg most unsighty olimb high if needed, the Virginian Creeper ( $A$ mpe lopsis hederacsa), the Trumpet-flower (Bignonia radicans), the Chinpt Wistaria (Glycine sinensis), the
conspow $a_{\text {, }}^{\text {and }}$ gundry climbing Roses, suoh as varieties of the Boursault, multiflora, Ayrehire, and semperwith certain bybrid climbing varieties, are amongst the best of deciduous plants. Awongst evergreen climbing plants, of whioh there is rather a dearth at the presen sime, though we hope to see the number extended, we bave the following :-1vies with variegated argage, such as Hedera Helix latifolia variegata, H. argentea variegata, $H$. rhombea varregata, $H$. elegantisitha, arge heart-shaped leaves, bright, shining, and constant, the H. colchica (Regneriana) is not to be surpassed, athach ing itself freely and firmly to the driest walls, sco kITCEEN GARDEN
In continuation of some previous remarks regarding syitem of successional oropping, I pass on to what is s very general orop with all. I refor to the plantations of Spring Cabbages. If these have been frequently urged, seeing that they do so much better thereon, the beds will have become somewhat ia poverished The only way to thorouglay renovate good layer of manure, and another at from 4 to 5 inches below thesarface. So treated, this will then be the best possible site for the summer crop of Peas, as here they may find appropriate nutriment during the greatest drought. One thing I would observe, however, even if it be necessary to take some of the old stamps up at it be necessary to take some of the in present time and lay them by some corner, let the ground be operated upon as soon as possible if at all light in its nature. It will then have ample time to settle dowa firmly. This is a matter of no littile importance. Another hint should not be overlooked in connection with isgot hungry oils, which is, that the cruder or less decayed the
manure, if given in the same quantities as spitminure would be, so much the better. The soil Fill have ample time to turn it to account ere required by the roots. The soil is so hungry in some places, as also here, that if a man leaves lis coat by chance on the ground all night, the buttons thereon are well-nigh consumed by morning! Do not be concerned as yet in regard to the necessary space for next summer's Onion-bed. Those who are in possession of light dry soil may now make a sowing of Peas, for the early crops. I have purposely waited till this time, as for the last two or three years November-sown Peas have become too winter-proud. Sown now, they will be soon enough, if at all favourable weather cusue. Those who have a spring, and transplant in the usual manner. W. E.

TOWN GARDENING.
Is to convert sooty spots into agreeable gardens be the object in view, the soil should now be attended to at once. It is quite certain that in many instances the ground is actually poisoned with soot, and choked with the socumulated rabbish of years. Therefore as much o the old soil as is unfit for supporting vegetation should
be at once removed, and its place supplied with fresh be at once removed, and its place supplied with fresh
loam from the country, with a mixture of rotten dung. Tbere should not be less than 2 feet deep for the beds and borders, and 6 inches for the grass plots. This will greatly improve the vegetation, and also have tendency to purify the atrnosphere. The srrangement and laying-out of the garden embrace a variety of considerstions, such as situation, exposure, \&c. The beds and borders should be exposed to the sun as far as possible, but the form must be loft to the taste of the owner, which should now be put in action-80 turfing in February. Walks should be bottomed with brick rubbish, ready to recelve the gravel after all other work is done. British Porn do well in town in the most confined situations in fresh soil, and the present is a good time to throw up a bank of earth to build the rockery on. This shnitid be built of an purpose beiag "clinkers," from glass works, and burnt purpose being "olinkers," from glass woriss, and burnt
bricks. These should be so placed that vacancies are bricks. These should be so placed that vecancies are ast between the rockwork to be filled with muly to sait each individual speoies, J. D.

STATE OP THE WGATHRR AT CHISTICK, NRAR LONDON,


 HTATR OF TEP WRATERR AT CHISWICR,




 practical experience in
Riould bo loth to try it
 shown at South Kensington not quite fivt
had been grown in the open afr. Themon
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Windor Azents - Megrrs. Itongert Co, © THOMAS LAMB"

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TOYAL AGRICT ITCRAl, SOCIETI If ENGLAND.
 Will ber red, and the IJrecal

## Che agricultural gazette.

## SATURDAT, DECEMBER 4, 1869.

## metting for the jinulina whek.

13




The above list of meetings shows that we are to have a busy agricultural time next week. The Smithfield Club will open its annual show on Monday morning, at 9 A.M., when the judges will commence ther labours, and when members of the Nociety and the representatives of the Irosg-and the general public on payment of 5 n . -Will be admitted to witness the awards. By the wny we find wo aro mistaken as to the general public-they are excluded till IS P.M., when the process of selecting the priza anmmate is concluded: though why they should not be admitted with the others is hard to understand. In the eroning of this day, at the Salisbury Hotel, the important subject of farm agreements, to which we refer below, will be introduced by Mr. Misten, to bo discussel for the j0th time, with, as it seems to us, wonderfully little result. It would bo a capital effort of what may be called the statstical department of thes Royal Agricultural Fociety-wheh seems to have arrakenel to the fact that a desenption of things as they are is really better than all the direct agricaltural toaching in the world-if an attempt were made to ascertain how much more sand in this country is now let on lease or now let on a formal farm agreement than was so let 20 years ago. It would, we fear, be found that there had the writing, publishing, and apeechifying on all the writing, publishing, and speochifing on may have been
(in Tuenday the general mentings of members of the Smithfield ( Inb and Farmers ' lub will tako plees at twelfe and half-past three raspectiroly. The Farmera Club dinmer will tako place at j. 30 P.a.. at the Salasbury Hotel, where Mr. NEFTON, the retirng charman of the vhar, wall preside and introduce has mitcereant, Mt. Jayks Hewarit M.P., the electeil I'riadint for $18 i 0$. The monthly Couroch meoting of the Royed

Agricultural Society will take place at noon on Wednesday, and on the same day, at 3 P.M., the
annual meeting of the members of the Central annual meeting of the members of the Central
Chamber of Agriculture will be held at the Salisbury Hotel. The general meeting of the members of the Royal Agricultural Society will be held at Hanover Square on Thqraday at noon.
WITE his usual eloquence and luxuriance of imagery, Huarboldr describes nations as passing through three stages in their progression. There is, first, the rude period when tho inhabitants subsist on the unbidden fruits of Nature, and by hunting. Then follows tho pastoral age when the land is as yet unsubdued by the ploughshare; herds and droves wander almost at will over the tnenclosed country, and the woif prowls among the flocks. After that comes the glorious age of productive agrieultore, and of gardening, when and yields all that man's art can produce or his luxury require.

It might have been expected that we should soon reach the latter stage in this counatry. But for the present we are disappointed; a retrogressive movement has set in; we are leying down our arable land, and returning to the pastoral age. We are told by those who retail political economy-very much adulterated-that the movoment is entirely in obedienco to economic laws, that it will cease with the natural adjustment of tho pricos of labour, meat, and corndear labour and dear meat tending to increase the area of pasturago, and cheap corn tending to reduce the area of arable.

These arguments are constantly used to account for the rapid increase of pasturage and of corn importations in consequence. That pastures produce more meat and othar animal products than arable land is a fallinoy commonly introduced in discussions on tho question of food supply. The fact is, the production of arable land, under good management, far exceeds any possible production of pasturage. During a
four-course rotation, well-farmed arable land produces more meat than the begt farmed pasturage, and it produces corn at the same time. If this be so, it disposes of a very common fallacy. We are aware that this does not affect the question of profit, which may no doubt be greater on the pasture than oin the arable, although the returns are much smaller, while the amoun
is less.

Turning for a moment to the other points, neither "dear labour" nor "cheap corn" can alone account for the conversion of arable to pasture land. Cheap cotton goods did not stop the cotton mills; instead of the number of mills having beon reduced, production has been increased, and consumption has been encouraged by a low price. It is not so with meat, which may be called a manufactured article in agriculture; becauss it requires capital and combination, buildings, machinery, much labour, and a costly gystem of cultivation to turn the raw
materials ( Curnips, hay, corn, and lean stock) into meat. Bat instead of encouraging conspmption, we are compellod periodically to starve the conutry by means of fanine prices, and so却 reduce the demand to a level with our small supply. "Poor and content ig rioh, and rich onough," no doubt; ; but that does not moan that we are to remain contonted when We are
half stared. Besideq, the countrv is rich, and





land tenuro does not allow t, f sceure investureth
 outhay has not raised the price, becaures sklll has intorposesd and has reducoed the ocost per pound, or par jard, by means of mechanical and other improvements. And have thero been no improremonts in agmeulture? Probably the improvements in agriculturo in the last to yeare have
 Why haye they nut had tho same whrect in
reducuing the cost of reducing the cost of production? Wo hare
adopted

 energy, but becansa our national customs con-
traot the field of our agricultural development. method of raising stock with little outlay. Unfasten the fetters which trammel his onterprise, and the Englieh farmer will speedily break ap unproductive pastures, and increase

- THe corn trade has been depressed for homegrown corn; Whest and Malting Barley unaltared
Ceedicgstufis all oheaper. Winter American When however, is 2 s . to $3 s$. per quarter dearer. The stoct and meat markets have boan dearer, both beel and mutton making 5 , 10d. per stone. - There is next to
nothing doing in the agricultural seed trade- English wool remains without change in value.
-. At the general meeting next Wednesday of the members of the Central Chamber of Agriculture kecratary, Mr. JOHN ALGBRNON OLABKe, may come


## him and it

good, addressed to Mr. OLARESSEWELE READ, M1.1'. deal of notice, and can hardly fail of being mentioned at the meetiag. It eppears that the periodical known as the Chamber of Myrioulture Journal and Farmers Chronicle - the acerediled organ of the
Chambers of Agriculiure throughowt the kingdom - which was originally established as a moutuly journal, and has latterly appeared as a weekly arriby him and by his friends; and it is alleged that hí parsonal interest has so far biassed him in the discharge of h1s duties as seoretary, that these duties are not discharged with that perfect disinterestedhess which, for the sake of the Caamber, ought to have been exhibited. Certain shortcomings in the management of the affiars of the issociatio, - wascable to not, as it appears to us, in any way traceable to sought to be conveyed is, that the serretary is both onesided and inefficient. On the latter diviston of the complaint, thus urged, we do not care particuiariy to inquire at present. It is certain that neither individual or association ever yet existed whose conduct was not capable of improvement. And it has appeared to us that there has been hitherto an impulsiveness and occasionally an ampromptu character, with some consequent uncertainty, about the arrangements and even the utterances of the Central Chamber, which especially to be deprecated in the mouthpiece an organisation planaed for the express purpose of ensuring the and of finally representing the views of the country upon them to the Government. On this, however, it will suffice to sey that experience will, no donbt, teach both the Oouruoil of the Central Ona aber
andrirs; and the influence of the Agricultural Voice of England, whioh they profess to interpret, will thus, doubtiess, overy year increase. But fhe formar portion fore, although we do not in the least sympathise with Mr. Goon in bis attack, we are bound to notice it. We cannot claim to have been a "constant reader" of the Chamber of Agricalture Journal from its commencement, but certainly whenever we have looked through its pages it has always appeared to us to be an able, energetio, and efficient exponent of the views which the Central Chamber has desired to urge upon the country. Certainly no other journal has so well egrned the titlo given to it as "the acoredited organ" of both local and contral Chambers of Agriculture: and in the interests of English agriculture we has boen well known to English agricultural reader for very many years. A tenant-farmer and a clave Writer, possessed of much practical knowledre, and an unusually graphio atgle of English oompositionone of the representatives, moreover, of agricultural progreas in the columnas of the Rimes-we can hardly imarine any one so well qualitect to net elther as
 certninly not incompatible, aud we readily bear our Which, as it appears to us, the duties of both these
 ot-and-mouth disease has prevented so larke of thow were all of the highe bat the cattle sent for exhibitio 3 years, belonging to Mr J. P. Mis lamersus, took t.
lst prize in its class, the Lema Iralesmen's the begt beast in the co $\qquad$ or heifers, and the Mayor's crowndurd or Irnali oven animal on the ground. Mr.J.OUTHFATTE, of Hainesse catterick, was the exhibitor of the hest ox of any are heep wamal throughout, and of great weight. Ine JonN Brañ, of Sleaford; to Mr pr, Jofr hoing to Mr
 pion also contained to local exhbitors, and the exhibiand 33 root specinuens. and seed establishment, held their anm Reading nursery on Saturday last. This commendable privato enterprise

 and the prizes offered nuabeared ond th

 public or private, that we ever mav, Ha
Red Mangel Wurzel) were swonderfal grow th and great size, the heandeatial for tie
and the average of the best dozen of

 gome of these were very oparsa from tho
sown too early and fertificed which caused too rapid gromth earlith th Generaly, howaver, the quality was
and the size large onongh for sny resonve White Swedes, whioh are now moreann
ciated. where land has been orero as the "Champion" and were almostanaly weighed 20 lb . each, and the best Cabin? coming nearly up to this great waight part of these produotions will no
$\begin{aligned} & \text { given to Mery handsome Testimonal } \\ & \text { MoHN Claydre of Jist }\end{aligned}$
given to MR. JOHN CLayder, of Jisin
a dinner given at Saffron Walden, in them
$\begin{aligned} & \text { neighbours, and in the prosenpe of mion } \\ & \text { from a distance, a very valuable romil it }\end{aligned}$
irom a distance, sery valuable fonit in
priate speech on the oocasion we mil the
$\begin{gathered}\text { extract :- } \\ \text { "The pe }\end{gathered}$
last, to Mr. ScRatron, who is giving up the 1 of a county paok of hounds, he asid - " Then point upon whicls be looked as a matier belioved such cultivation was for the bete land and for the benefit of was quite sure that it was for the bemefir ol inc. Deeply cultivated land, master) had done on his oecupation, and he helsered that it members of the Hunt would see the field dind and left of the line of the fox. The hoild
 they would ride direotiy after hounds adi slong with them when they onght not to wis to for-hunting.

## -OUR LIVE STOCK

THR sixth number of Thoroton's Cirsub much valuable inforraation, from thiten me nem
 New
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Tho
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list

 The in
Hereford












 abitual II.s wre and grandsre were lion Wh etherby bred by Vir. I s Tanqueras.


 Flivi. RS, wh out of Ifito Recerley 26th. A Fenroof (: anpi Tosmeley's Rolal Butterely 16TH. Want shate compecs us to oant lotilug mang other anasa whraw merits whll hod dou
able co mpeitt on on the sale day.

Tho fo iowing remarkh on the quantity of fort in the frm of fiay rergured for horned stock are tranc-
hates frum Moll and (idyot's pX* llent work on cattle. The antuctr- trate from M1. Kedesel, who pard much Who sums up his experience in a manner singularly ooncise and exact. - To preserve life, or more cor-
rectls to mantain the amsal at the same weight, requiren a quantity of mutritive prinopples propornu'rt ve prmsples tortalted in the foot are the monirfi, there is an excess ol nutitive prinotples other jresmes in weight, as mork, mitcas, gro. The or maintenance ( $1: 33$ fis amons horned cattle requires 831 ) grammes
 completely he musi have liay equal to l-3itita of his lire Werght per das. Bessles the aluth part of his werght in
 quantity of nuitely satistied a anornert hequal has neen of $\frac{1}{2}$ for every tint of

 amone y ulay stock, milk and the arowth of growta in cown, key Fura, milk of production (this forage beiag matiz mituch to be hay or the equramen ( 2.216 ) of forake, one kilowramme of milk. or 28 gramnes of iner-z-e in the calf in the wombs of the mather, and









STEAM CllLTVATLUS







 lo be a corre statement, for my - 1 l. re prow ta kee

 Ward in sappe, very unlevel, and also full of woeds The

 four 10-horve power roundabout facklee, without whingl - Mul witerearle is at least equyl en that The


 Tue 2u-burse piwer tarkio is selforuathig, the four
 itous, THe Su-toreo pewer tarkle rezureas aht yards of rape, the four roundat, it itarkis requ. re four tumes lue su-horso power tacke orors will two enkulue the furr roun labout tackles most have four engmos. A 2)-horse power tackle is a smple contrivance when compared with the comphested nature of four roums. Mr Smith, of Wostotor, sais - - Tho krand yeret to all who moty amply steam-fower to the deppest, cleanest, an 1 at the leas: cost. Tha coat for trevle and the wize of the emation are see madary
 Mr Smoth hombld dyeet to powerfu, tackle when tie homvelf admats that doep and cheap cultwatton is
 he found "An Liat Wheer P'irmer" jaid 24s. per ach



 per acre, but this is or ploughing up some land Which remnal of ull the remaining tren stems and roota. On the rather hand I have jor? rrmed work at tie, buer acce
 strausht bondar ra, whrone we. 'io! over 85 sores tud mors, per dems, with a 11 Lonme jp war thekle.
When the quest on :- raves, whether it is rhaper and more ascantareous to a farmer, eape ialiy a set of roundabut steam t.whle, I shall certanly say that the stewn lakkle, thanzh round bout, is fir prefrable Bu: we havo lad to do with other cueventis altozether, we, whith is 1 io hest meana of makiug ateamentitiration more serneral and ara lahle for farmers. anl afonlig, whelh is the chrapest mnio of stamut the hiring tackle is the on which maz lay claim to being tho pioncer in the fir-t questinn. It eiren etery funter an appmotunity of test.ng upon his own sisi what stoun caltisation ran do for hivil is an instance of the hiring tarklo beinz sueerasfal $I$ will quate tion frilowime, In lafis I took the fral hiring timklo nita in that loeality, hasidea mo tarekle, four hurmz tamke


 marhet day, at a time when 10 of Fonsler's dumhle
tackle were working in a circle of less than 10 miles from the place, this tackle haviog cost over miles from Sleaford, who has a roundsbout tackle on his premises, prefers letting it stand in his yard idle In the other question- Whinh is the rheapest mode of steam-cultivation to the farmers, and paperially to
 to.kle, ofr a whare of nne, and jointly with mome bepritbenirt work thair laud ho the be
my former lefter, no, wely anhe, "What farmar of inh) zun, 3 mln , or 4100 neres wants his work domp at the
 is the consummation most devoutis to be withed ;o Is. Smull't roundatout trlkio was a haby vory
 owa rating cthes, until it sans os dauper of berug

 here an an catremily 1atr canjat nua of the rival The great importanoe of ofom coultivation, not only





 Tho thanky of all tutereted in strats culitration are due to the Rentlemet whin in its early slages boeamo and by their persoverance asstithed in carrying out euch






 tisht, the roph treask lat al rempd the land intended to be phondiet, throueh pulley-shpares anchored in malofath to the fonagh, the implement is drape backwards and forwards, by tho drums pulling alternately an 1 the pu.ley-sherves and anohors at eaoh end of the

 altarnatalingud pulatas the plomght twaris it, 1har other thering forsard into poothon, ready ir $r$ tho return of the pulutath.
Thise tur ayatems are known as the s.ingle engine, or trami cultivalion. The a lvantares of the roundahout cyatem are in the


 The adrantages of the drect system are :-Short length of rope required, and consennent eronemg of small amount of wear and tear due to the simplicity

It duadvantagea are its firet cost, the width of the hosilands left, und the difticulty in moring the a, mot rntirely remores by increastag the damelar For ars frms atil inr letting for hire the double
 less cnst than auy cither. With thry tacklo I fud from expertence that 10 ateres can be ploughed from 8 to achex clecp in a day of 9 hours, at this time of year, and a fi-furrow plough, at a cost in so caso exceeding onform? extimate


##  phitan in shown by the remarks of the judges at tho

 severar poughing matches where these machines have the Isle of Thanet Association, where it was acknowledged by all that the horse ploughs were fairly beatea. A very considerable increase in the yield, amounting in some cases to as much as threo sacks per acre, has power to the cultivation of heave clay lands, and this is ant surpriving when we monstier the damaging effect following early othor in the furrowswhen four horses and the low tamprature of the soil consequent upon hie whter betur uaple to fizd 1 te way to the drains. follow tise spplication of steam-power to the .drillin and harrowing in the seed on heavy soils, as there is without quention, much injury done by the horses cot-maris, every one of whoh, motius iike a dish, wil nome theIthink it possible that some injury to the eause of steam ploughing has resulted from an indisoriminate use of deep ploughing for whatever crop the and may crops, sce., the land should be cultivated at least from 12 to 14 inches in depth, say once in every four sears, stirring up the subsoil but not airging water to descend, but that where Wheat, \&o, is to bo grown, espeoially on lizht lands, the depth of the ploughing Ahould not exceed from 4 to 5 inches, leaving a good firm aubsoil with no horse-trodden "pan" to obstruct hesvy and light lands would thus be kapt at a more oven temperature, the heary lands not guffering from from drought in the summor.
In conclusion I should say that atesm oultivation will ensble the farmer to become more independent of seasong, and better abte to take advantage of the proper pense with a large number of horses, whose food can consuming nothing except when sctually at work, and ry its means be cultivated to $s$ depth practically unattiainable by animal power. It is also an important thoroughly broken up by it every pucceoding opera tion is performed more rapidiy and at less cost
It would be difficult to show in what other direction farmers are to look for the means of meeting their farmers are increasing expenses. Thomas Aveling, Rochester, Nov. 19.

THE DEPTH OF DRAINS.
I syousd have responded to your desire for praotical information with regard to the depth of drains had I not deemed it best to wait until the weather had
been sufficiently wet to afford a fair test of the state of been suffciently wet to afrord a fair test of the state of the grass-field which I drained last winter, at a depth heavy rainfall during the spring, the fied was perfectly dry, this might have been regarded as due to the
exceptional action of drains which have been recently exceptional action of drains which have been recently
executed. I can now, however, state that, having executed. I can now, however, state that, having stagnant moisture to be found; but, on the contrary
the whole field presents the appearanoe of well-drained the whole field presents the appearanoe of well-drained
land. In this case, therefore, drains 3 feet deep and land. In this case, therefore, drains 3 feet deep and
18 yards apart have proved a decided success. Granting, for the sake of argument, that 4 feet at 12 jards apart might have been equally successicul, the expense would have been nearly double. In reply to your question whether it is not an advantage to obtain on
turf land an additional foot of dry subsoil, I shall answer in the affirmative, as a general rule. But where as in my field, the subsoil partakes more or leas of the
nature of rubble from between 2 and 8 feet below the surface, sfter which it becomes a bed of solid clay, it is doubtful whether, by placing the drains a foot deeper, this extra font of dry ubsoil would in practice
be obtained for, owing to the tenacyy of the clay, the
water wiuld be a longer time making its way into Fister Wiuld be a longer time making its way int
than at present, and thus the clay
would become thoroughiy saturated bero would become thoroughiy saturated before they began
to rup. This slowness of filtrabion I talee to be the principal cause of the failure of 4 -feet drainage in another of my fields, which I have recorded in your columns. During continuously wet weather the whole mass of the soil becomes saturated with wet up to the top, so that I have actually witnessed water standing in pools above draiss which were discharging muoh more water than they ought to have done. In the other case-of drains laid so as to be immediately below the quently quickly remore y subsoil, and which conse-water-I think that if the foot of soil between them were tested, it would be found drier than if the drains had been laid a foot deeper. I consider that success in draining, as in every other arricultural operation, requires experience and practical tact. There is nothing on which an unbending rule can be laid down to suit all soils, climates, and circumstances.
Thick or thin seeding, early or late sowing, shallow husbandry, breeding or feeding pasture or alth be advisable in its proper place and time. But there is no agricul-



If had Writan thus preer when the inativotive lottar of under my notice. While advocating deep draining in depth. Judgment moderation, and a regerd to as to my motto ${ }^{3 \prime}$ As illustrating how ho regard to cost is princıple, he gives the following he carres out this house wy years ago the grass-land at the back of my house was (although a good field) vary wet in the winter. It 18 mixed gravel and clay. At that period Up the furrows from then till now it has been drain. Up the furrows from then till now it has been dry, Ittie the matter with any of its drains. This is what I cail good draning on such a soil."
of Mr. Smith enables him to mow the practical sagarity totaly different treatment. "Sixteen yicult case with drained my feld No. 5 , lipht land. It is gravel mixed 6 feet deep $p_{1} 60$ clay. I I put the drains in from 1 to cost per drain for habour was los, bd, and I put in

4-inch pipes. This field in a wet time used to be very
wet; since I drained it it has always been very dry Wet; since I drained it, it has always been very ary. finds that-especially since it has been steam cultivated -it has been dry evor since. In like manner Iod many years ago, that a large grass-field, whion about 2 fee 6 inches, was in parts still wet. The land is strong
but intersperse, to s considerable depth with rubble. but interspersel to a considerable depth with rubble drains, running into a new main, which in some places
is 6 feet deep. These deep drains invariably run after wet sooner than the ghallow ones. In short, an occupier who has his eyes open will generally drain his own land both more effeotually and at less cost than stranger, who comes with preconceived ideas of depth and distance. And draining is so expensive an is important thet it should be carried ou both effectually and economically. Willowghby Wood, Holly Bank, Nov. 30.

## ON THE PRODUCRION OF SUCCESSIVE

 GREEN CROPS. Buxton 12. They employ froma 500 to 600 work people, and in conneotion with them is a farm of abou 105 acres. Part of the land is in Derbyshire, and the remainder in cheshire, the river Goit passing throlying, the midst. About 50 acres are level and ow-lying,
the remninder being elevated. The climate is late the remainder being elevated. The climate is late, spring, and there is not much growth before the month of May.
The stock at present on the farm consists of 14 horses, 1 mule, 1 ass, 21 cows, 13 young cattle, 26 sheep, and 3 pigs.
The horses are henvy draught horses, and are mostly used for draught purposes at the works, as also are th mule and ass; the cow-manure is used for dyeing purposes at the works.
A good supply of manure is obtained from the works consisting of a mixture of human excrement, flue-ashes, and ammonia-water from the gas manufactory; also a supply of gas-lime. I have had charge of the above following operations, by means of which I have obtained a continuous succession of green crops :-

```
    40 acres meadow land, Grass cut and made into hay
    43 acres granace
    63 acres graze 1 .
22
acres under
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105 acres.
Sixteen acres of the 22 are about half a mile distan from the works and farmyard, and on high ground they are sultivated under a four-course rotation namely,-4 acres Oats, 4 acres Sweces, 4 acres Barley or Oats and 4 acres Rye-grass and Clover.
The Nurnips are pulled and carted home in October and November; the Rye-grass and Clover are ready to out the first time the fourth week in June; the second
outting being ready about the sernn! or thirl wrek in August. Tus, fur distindion, I wil. all tho lis acres.
The other six acres are near the works and farmyard, nud are level, with a good strone soil, gravelly devote, and good natural drainage. They have been crops for the last seven years.
The six acres have been divided into five as equal parts as possible, which I will call Nos. 1, 2, 3,4,5.
No. 1 is manured during the autumn with gas ime, which is ploughed in; the land is prepared 27 inohess apart, are made; the land is manured with farmyard manure, and Potasos (the early sort) are planted in alternate drills. In the first week of Ma drills reagaining (the O\& Cabbage soed having been sown the provious August and pricked out during the antumn) during the months of May and June the August the Potator are dag, end sold at once, the small Immediately the Potatosed and stored for pigg,
Immediately the Potatos are cleared the land sarifted, and the rabbages earthed np, as they will leaves are taken off, and the Cabbages are remdy to out in November.
No. 2.-In J

is manured with mannt thares are cleared the land ploughed in; it is then prepared for sowing Itali Rye-grass not later than Aucust Durine the Italian winter, and more especially in the spriug, liquad manure from the farmyard is applied ; the first outtin is generally ready to out in the beginning of Msy, and the last cutting not later than the first or second week in September. I'nder ordinary circumstances there will be three cuttings, and if the land is well supplied with hquid manure between each outting, thers wil ofour.
1.-Immediately the Italian Rye-grass is cleared which is plound 15 dressed with manure from the works wheh is ploughed in, and winter Tares are sown, to in small stripe in . Hay and Junc. The cron is cut up land is ploughed, manured with manure cleared the works, and drilled 21 inches apart; Savor Crom the re then planted 18 inches apnrt (the Savoy Cabbageseed haviag been sown in February or Mirch, and
pricked out in April or May, and held in randiness)
eaoh successive strip is treatod in the
are
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a will be ready to out in January.
gathered off as in No ol that he phen have and sown with spring 'lares, mondi Rem, oun
 Haping described the mode of if It It
May,-A supply of Italian $\mathrm{R}_{5}$

## farmyard, and the grantor is cat and ene witt.

 Richmond's chaff-cutters part pasesi than (With When too succulent, they are mired get an allowance, the young cat the $m$ June -Winter Tares from So. So thoRye-crass from the 16 acres, form the month ; the winter Tares are nors entmo be cut into chaff. All the horees mulay the
the cors, consume Tares and Cabbages. When the Tares are all $n$ six of the horses are put out on the pertas) supply from the 16 acres, and the Italian Rye-griss come
and Clover is made in to ha
July,-Spring Tares from No 8 nom and a strong heavy crop requires cut cores, and in the first weet a and Rye-grass off No. 3. The six ho during the night the cows are pett young cattle entirely.
Angust.-Spring Th
Argy It lion lares are obtainedi in and Clover from the 1 i aeres if requid receiving green food; all the coms an ur receiving green food; an the cows an an
aftermath, and the young catio are lon Tares from No. 5 (second so ing), s stom passed through the cutting-machine wi
the 16 acres are sot this month. .ll that a supply, but all the come and youns pasture.
October.- Ox C'abbage Jeares from Ma. Le:
tops from the 16 acres, are used this matio ? receiving a small quantity of Tormps $h$ acres, and the cows a cartload per dy of th:
leaves or Turnip-tops, carted out nto thit and spread there, so that all can bo young cattle are at grass.
two feeds per day for the cows, and oue fere for younk oattle (or Turnip-tops); the Cister as near to the ground as possible mith atha. bill; each Cabhage is cut in four darna,
to cleave the stalk un the midde, ss tie valuable eating in it. The horses hasied of steamed Turnips the last reek. Decrmber.-Ox Cabbages contione io tix feed per day for tho young cattle. A nuth al ways kept cut beforehad, in case inf as the cabbage breaks like guother ma Weather seems
digs' stook
 fow Cabbages thas month, and the menoed; and a supply is kept December. The cows obtain
the young cattle one; the sheep llso horses are kept the same ns durio
farch-Swede Turnips nre all the cows receiving two feeds par dss. purchased bs the money got for Potstos onbeing out at pasture a few hours per dar bave of quantity also.
Spril. - Swede Turnips contune to bed
6 wores, all the cows receiving tro leed ph March, but the young cattle, day, do not require any
anly, the Italian Ryo-gr
lattar end of this month.
ByNARES on Thit lbots
No. 1. Potato or Cabbuge Ertept - 160 hec Swede Turnips, Mangels, and Cabast in the place of the Cab
Cabbages are not of
and the Cab
out, I have frequently
When the stema have been
Potntos are readly aold to the
good price. In getting the
drill is dag out frst, sind in
will incline over
No. . Sprang
tried Tanes with
with the above it will stand either nim (har
note go dowove it will stand either nuit
o be censumed at once or made into hay, and it
leave nracancy in the continuous anpply which the: "ed up The abore crop is too besvy trong to admit of Italian Ryo-gesm being sown in

Ralian Ryo-grage,-Thin 18 an excellent orop, three or four cuttioges, nis it is awnya ready ears, and that was caused by my not boing ablo to the sowing at the proper time.
Winter Tares and Rye.-I have tried Tares of it is sure to stand. I have tried Swede
30! aloe Yellow. Turnips, after the Tares, but
sin ceced in raising a full orop, as the season unat cel in this locality, as I find from expe-
the 16 acres that the firct or second weok in We la acres that the first or second week in IFI 1 anme in at a time when not required,
in of the Savoy Cabbares, for I bave nere Ginur of thir Savoy Cabbares, for I have never
in raising a full orop, and the Savoy reme just when the others gre done.
Ipring Tares, cith Rye and Beant--(Same as therrop staud.
Sir:s rared in Nos, zand 5 , and tho Winter in Nu. bought not to be cut until they are at cuting like that sielded by Italan Rye-grass. ch cutting of which ought not to be allowed to grow There is suffcient time, after etch crop is cleared, to Diy fallure if the dates given are attended to. The result may be thus briefly summed up. the land arelul manngement. a nupply of preen food has heen intkept up for earth succeeding day in the jear. John


## Wome erorresponvence.

Tanuree on Grass Land. In the belief that the 54 ails of on experiment tried by me thia year on eight Hecits, I sunge a table showing the results. The -he same throughout. It will be observed that the Hot was the hest of all. I propose to ellow the land to homain unmanurd for the next two seasons, with the Palarr, Kent, Noov. \&itd of hay. Coles Child, Bromley
wegetber beng 36007 . Which sidded to the soot for beaste told fat, Tould make 1160 L from a broodine shows a balance of ssol in ferour of the diviry. The few simple figures will, I think, satiry moat people that dairy farming is much more profitablo than Iangel Wartel and Bugar-Beot.-Mr. Mitohell nkt for a solation of tive question as to the growth of Beot, as compared with Mangel. The weight in, I Beet is closels cultivated. I. have grown Beot in alter nate rowa with Mavgel, from seed from Mr. Dunoan and I hive seen it grown from other noed elsewhere on various soils. The woight of the orop soems to be much is proportion to the depth of cultiration more than tiberal treayment wish manure. On the deeper cultithe shallower. "that portico of the root inat pevelrated The challower, "that portica of the root last penetrated the sonl wan divided more or less into roots of infarior dimensions; "the Madgel grown under the eame oorlo ditions were remarksbly fipe. On cultiration eroapthonally deep in a olay sonl, the poot seemed to foreo itaelf into the soil Without the diviaion into roots of inferior dimensions. Decp cultivetion seems to bo the ecret of suodess in growims Beat. I ic $C$
sugar-Beet. - Will jou allow me to cornent a itatoment whoch appenred in your journal touohing the
 Beet Thas is an ceror, as char exferichen at mas faris Will show. The best return of Sugar-Beet which we heve had this year is that from 7 acres of land, which yielded 108 tons, or 28 tons an acre. This crop followed Winder fatter), and a cinme crop) of Catibaves and Wheat followed at once the removil of the Beet. The land destined for Beet-growing next yest is now in Grass, which will be allowed to stand at long ts postible, and Will be ploughed up ouly when we are ready to pus Win be ploughed up only when We are retdy to pus in the Suggr-Beet seed. Hewry. Morgem, Ladge samm,
Parking, December l. Coltivation-I am afraid Mr.
Woolstin Btenm Woolston Btoam Cnltivation-I am afrad Mr . Smith bas got a dig in the riba which he does not feel
very comfortable under. He talks of heving 80 men very comfortable under. He talis of having 80 men G. A. H." end his "interest of money and deprecistion " but at these men are all employed, as he himself ways at "jobwork," why need they take up so murh of
his timap $I$, too, have a great many men omployed (far more than 30), and fully half of themare at day work, not jobwork, yet I can find time to poke
through Mr. Smith's feures and point out his fallacies. through Mr. Smith's fopures and point out hin fallacies. What was the use of asking you to reprint his letter to what is the value of it $p$. It is a "mere ostimate," and


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Darry Farming againat Breeding - It seems to me hat very fer people appreciate the benefita of dairy
Yrming. The same sort of land which rears and
Hens goul stork is.ll produce first-rate dairy produce. 4 stork w. It produce first-rate dairy produce. farm which will keep 40 breeding 12 monilis old : 40 beants 11 to 8 vears new yeare old, which will be sold off the calres, eat a full arerage Now all the $\theta$ calre I convider will eat half a ration-that is to iy, to calress H hl eat as much as 20 beasts. Therefore Hose to provide rations for 140 head instead of
herefore simply "trash." So I quote againet himself his own wordy, gadressed to Mr. Toepfier (ree p.
log7), "let him give over talking of what he can do, and instead tell us what be does do." Mr. Smith proposed to give us "faris", and I have already shown by his own fgures that his somalled "facts" are fallacies, and that he never bas made seed-hed for Wheat at 6s. 8d. per sore, beceuse his own opures prove that in order to do co he must occupy a farm on which he has 1067 acres under rotation on the four-field system, as be calle it "smashed "each year. Now be never has occupied such a farm, and therefore he noper has

forth into the sireets of Asalan-l ectually belere that Tiptre has done more food to British semexulMr. Smith will uoderstand that I aner I hope pationtly for bis reply whea bis 80 men hinf whiling
 readers must imapipe, from the hilence of Mr Sarith,
that ho bas not sun momer to has clever assailant. We have reoeived s lons report on the subject from Woolston, for which we ere unable to find room thu weok.]

## Forelgi Correspondence

Torontu Turicy Rganiag The Turkey is anative of the Amerioan continent, and is found in the wild
 south-western part of lfper Canada. The wild mix whth the tame, and do not preduce mules, and aro therefore doubiless, of exarlis the sume specjes. The tame turkey often manointe with the wild, and jotn thoir fooks, broedina with them, and momatimes coming home to the brem-yard in the winter wilb some of their proteny.
Turkeje, in iboir wild steto, alway moparste oflor

 migrato to connderable diatanoem, and thots is no known rule for thetr roturaing ; the eoperstion botween
 agtura in paras it is utats htadyy chatice It has been observed that the fromode of the wold lori are very larke. Whint ther hrunde of those kept in confinement are often very small. American wircey breederm anor that the onuse of small broods is that the wane mole bsid is kepl yeat after rear, sod thow who look to their turkog! for proft therefore, Epare no from ereat a distance 4 poraibla Many Who huve tried it say that, with the same mule, they get good broods the frit year, poor broods the second and very bad onea the thind year. This is a preas of "henvifo lore" that may bo worth putting in forco in England, where, for some remant of other, they do not rime one young turley where thoy reise ten in Amorion. If on do po barm to try the experiment Factio. Torowto, Casada, Oclober 8 ,

## Societien.

TATA AND WKAT OF ENGLAND.
Norrmber 30-At a enecill metine of the Council at 13 rumin, Sir J. TT 13. Duck worlh, 13art, th tho chair, isited (imuldord, on the tith November latt, reported in highly faveurnhim terms of the sitn in Shallord Park,
 the mertime in te lirlid it in in, 1 , ind it was recniver by ancoroh by the conpetay an wallell the Council, and authorities at Guildford.
Privileges of Members.-Severnl new membere -rem proposed for election at the next meeting of the Council that no nerann not mronosed on or hefore that day will be eligible to exhabit at the Thunton meeting on the aame icrma of advantare as those enjojed by duly elected membera

HHMM, GHAM IVD MIDLAND COUNTIES.
The slat meeting of this Society was opened on Saturdsy last, when the judger. from the unoven character of the cattle, got through their complicatod duties Fith tnurua eas. We gay complicated duties, beanues thers smo many erts and epearn prizes offered by this Society that zome of the animala come before the judgen it many 응 five timen This
 Earl of Ayleghords ateer, for in addition w the ls
prize of hie clase, he wis swand the extrs prise for prize of hit ctcos, be wht swanded the extrs prise for the but Shorthorn, the gold medal for the bete mate, and 00 onf the value of the whole mounting to uphards of 120 l, or mote then donble the intringic valua of the theer himaelf.
A jemarkable feature of the Bingley Ball oathio Fas their inferiority as compared. with laty yemr. Then there was the most uniformaly good oollection of cattle regut we ever sisw together, gad in adrhtion to their regular fatness, their fise firm towoh had never been
equalled. The animals which have just been dis miseed from the show, however, besides being very irregular, were in mang cases very infirm, or oill, oonrse, has nothing to do with the directors and managers of the Bingley Hall show, is they do not se
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 Choristonas shows, while this year there has been an ampla supply, and in snye places amost a kupe concluston we may therefore draw is that, if our breeders

 othervise be aseuren tasia more monls might the quality

 in the supply snd rise of a milch larker quount of foremen mors this practical lesmon, of what practical Ta
stock shows? Last year corn and cake had to be amost entirely relied on, while this yenr there has been and roots produced by modern arming and roots produeed by modern farming 1 , therefore our conclusious are right, the Britloh farmer ought to be oncourased in every possible way to increase sumption of foreiku corn, for while the health, atamins, and therefore hitrinutc value of them will be increased, the fields which have been exbausted by stimulating manures and over-rropping will be restored
by the bent of all fertilisers, viz, the esireta of anumals by the best of all fertsisers, "iz, the escretio of amimals
fed on corn grown on the "ruaden so.ls of freign countries Theso direct advantages, however, for extending the consumption of foreign corn, and the indirect profits wheh would ramify themselves through every branca of our national agriculture, need not now be further discussed.
The entries of enttle numbered altogether 111, some of Whioh, however, were sbsent in consequence of the district from which the anmala would have come, being under the bain of an "Infected district." fris Wandriagham, fur, as the rowditions ander which the ghow was convened could not br mompliel , ith, the
West Il ighander from has Rosat Hughness's Norfolk farm was absent.
The Hereforde are placed in the fret position at Bingley Hall, and it wes among this breed that the falling off, as compared with last year, was more eapocially conspleuous. Mr. Heath's lst prize ox was well fed, it is true: and aithough he was very irregular other prize anmals were very reagular and nothing more nor less than flabby under the hand. Mr. Ridgley, of Steventon, near Ludlowf, sent an enormous beast, with s corresuonding head and loman nose ; but although he wat thu far from bemg of the modern type of the fashtonable Horeford, he was a very servicable rent-paying farmer's heast, more so in fact than several of the prizo animals. The steers of this broed were better looking, but a simiar want of firmDess pervaded the whoie class. The cows were two only, and these were of so mean a character that the larily garily wititheld. The heifers were a very handsome class, but they were short and small, and otherwise
unprofitable to look at unprofitable to look at.
Mr. ILarris, forres, Morarshire two entries, one by Mr. Meath, of Luuliam Ifall, Norw.ch, beins' absent If we suly of that clasz the beasts composing it were Ing and uscful, we do the ma full measure of justice. In the steer clais, as we have intimated above, the greatest hanours of the show were conferred; for here whis the darl of Aylesford's splendid steer, with which the poble Warl took his first gold medal, slthough he - veer if 8 years and 2 months of ake and he is by steor which dies credit to the Shortl.orne . Ahout him
 "tublug" bewt, Ine serl' nedal for the beat female atso "rent to the Shorthoras, a cow having been awarded that honour this said cow, however, is not to be compared with the gond medal steer, for her coat, colour, outhine of body, and small curly horns, give her more the appearance of an over-grown Ayrshire than the desirahle type of a meat-growing Shorthorn. Her name is Prences of jotholm, by Grpsey Privee, 3 months, and 3 weeks. The helfers were only sir of which was Colonel Towneley's Thastledoan hyI one OF TYNE ( 17,751 ), dam Lady Favourte. This heifer although she is too short and olumsy in horthorn, quarters to be what our notions are of a correct emale form.
The Devoas oxen were better grown than usual, and the second prize was rery handsome and well fed. The the steer of C. Hambro, Esqu, M.P : but although he yery bearstiful, he is much too sumall of frame, in our pinion, to merit this honour. The class, too, was Devon was very neat the hall whick was over-fed; the second
 and witho of hody ex traordinary little creature for depth
 The scoteh eattle, excrertin found in our prize list. biach palles ed, wero uet up, w the ebaracter of peat fears. Mr. Mec mobie, M1', was 11 ot aracter of past ail. Has woceesilul feedinis has has 11 t an ext.bitor at pasoed the prantical reantit of this art as entuom sur the animal ent by Wr. Stephen art as evidenced in urie. The Hyhhatud oren were of Conglass, Inverlit prize mas a finc suowy follow meanly fed, but the mouse-colonred coat, set oif as this in his long shagey pair of upstanding norns. The Scotol with a grand form and condjition a Highland lassie, being perlect for The Welgh $\begin{aligned} & \text { arition from feediog. }\end{aligned}$
onimals being farly fate only three oxen, the prize onemals being farily fat, but not firm, sud the third The Crourse and ugly.
taking thorsabaltogthere a dozen remarkable animals, Mesgra Mertin, of and in the oxen, the one sent by about which there of Aberdeen, was the only animal to the a ward of thas a diference of opinion in resard a oross-bred, and ho had han an extrwordinary touch for

as well as mellowness. The award of the rold medal for the pure-bred one was, however, well judged form there be sor the best animal oupht certainly to go to the pure-bred. Any one can cross and get something bigger and heavier the first tima, but to keep up the size and character of a pure herd equires much study, as well as a large amount of inturtive and sound judgment. From Anglesea there ras an ox which looked as though he was hal-bovin half-camel, and why he had becn kept to tae 20 hands 5 years and 7 months seems strange. He looks an hand high, and he is above if feet in stature, while in appearance, and looking as likely to fatren, as a pollard tree on stults would have been. Anothe great beast, but of fine condition and feeding, appareatly of a Glourester-Shorthorn breed, was gent from Tewkesbury. The lelfers were a very neat and sood class
In the Fixtra Class for oxen there was no entry, and in the same for cows there was only oue, which, however, was a grand Hereford cow, 6 years of age
Shemp.-Amone these classes the Leicestors were to this pure breed. Iord Berrestes as usual when he oxilitits, took the lst prizo.
The Iinoolnt divplayed a great deal of the oharacter Whioh is due to the pure Loicester element. There were only three pens, and these were placed in the same position as they stood at the Lincolnshire county how at Lincoln in August last.
The s/iropslitres were the most mumerous, as they have been for some years past. They have greatly mproved, too, both in form and uniformity of charaoter Lord Cheslam took the 1st and $2 d$ prizes, which are reat honour to his lordship, his bailiff, Mr. Clarise, and Day, his shepherd, cousidering how young the Latimer flock is Mr. Nock, of Sitton Mandrock, was 3d; and ame good pens were sent by Mr. W. Yates, of Crindle Mr. Matthews, of Montford; and some comparatively was, that such names as IHorley, May. Keeling, Masfen Harry Smith, Bowen, Crane, and Willoughby Wood, were altogether absent.
The Orfordshires were a very shabby lot, the only noticeable noints about them being the way in which he wool had been cat down flat on their backs, and bedaubed all over with grease and some kind of bromn or yellow dust, These abominations ought certaiuly bn prohibited by the authorities
The eross-breds wero verv few, and otherwise unvorthy of notire. Messers. Howard, of Bedford, had entered a pen, but they wore not sent
PIGS.-These animails were so generally good, that there is no room for criticism. The lst prize hog was of the large white breed, and it was a fine and neat animal. Mr. Peter Eden sold it for $20 l$. to Mr. Hollingsworth, of Birmingham. Messrs. James and Frederick Howasd sent a fine pen of large breeding pigs, for which they were warded the lat prize. Mr. Lyuns gion of a The Berkhhres were the leadıne breod, as they usually are at Bingley Hall ; but the absence of Mr. J. Smith, as an exhibitor, after taking for so many years the principal prizes, 18 only another instance of the uncertainty of pis-breeding, and further proof that it is easier to raise up a herd of first-class swine than to be sure of its preservation.
The following are the Awards of the Judges :-
Class 1. Oxen or Stocrs, not exceeding 3 Fears and 3 months
 Ahmley, Firefordahire ; 3l, st,, Mr. H. Bettriage, East Hanney

## Cliss 2 Stcers

Cliss 2 Strers not exceeding 3 years and 3 months old.-
 sunt Mary's Farin, Kingsihnd, Herefordshire.
Mlass 3. Cows.- -1 qt, withbeld ior wamt of merit; ; 2 d , 10l,
C., wa \& Mefers -1at, IT, 3nd Silver Medal as breeder,
 Majesty the Queer, windsor Castle.








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birds, In the class for chiokens (No. 2), Mra, ArkWright again won st, and wok very great, gind the result show in that the old breeders hold their own pretty well.
Classes 8 and 4 , for hens and pullets, grey Dorkings but not silver greys, More than 90 pairs competed,
Mr . John For winning for hens, and $\mathrm{Mr}_{\text {. Coseley }}$ 18t
and cup for pullets. some silver grey coct, and Mir. R. D. Holt Ist for a pair of hens of great merit. The appearance of this latter shape and beauty of plumage.
We think we may report progress and improvement stamina. Mr. John Choyce whe lit for cock birds, and Mr. J. Robinson for hens or pullets.
Mr. W. A. Taylor may be proud of the gdult Cochin cock that won him Mr. Mapplebeck's cup, and Mr. position.
Mr. William Sanday, Was 1st Cor cooks of 1869 , with in future; Mr. Cattell was 2d, and Captain Heaton 3d. These names will give some idea as to the quality of the birds seat.
The olasses for buff Cochin hens and pullets were an exhibition in themselves. All the best knuwn breeders competed, and hard was the struggle, many who have been scoustomed to substantial honours having to content themseives with commendations. Mr. W. A. Taylor took 1st for heas, and Mr. Cattell for puliets. The brown and partridge-ferthered Cochins do not moke progress. By dint of pushing they were made to take a more prominent place a yoar or two back, but
they do not hold it either in quality or numbers. Mr. White and Mr. Amies won lat for cook birds (old and young), and Messers. Taylor and Tudman for hens and
Mr. A. O. Worthington and Mr. Swindell were the winners of the two list prizes for white Cochin cooks, and Mr. Smalley and Mr. Williamsor for hens and pullets.
The competition in dark Brahmas was immense, the entries numerous, and the quality very high. The minning bird in the class for adult coeks Fas one that has seldom been equalled. He Fas exhibited by Mrs. Kunt, of Aldernasley. The Rev. John Bowen won 1st for young birds with an excellent chicken, in a competition of 70 birds. Mr. Jingwood was lat for hens, and Mrs. Hurt for pallets. The light Brahmas have been fostered, praised, and pushed into notice by their own admirers, but they will never take the place theme. The entries of then were small. Mr. Lecy and Mir. Crook won lsts for cocks, Mr. Wiltiamson and Mr. Crook lats for pullets and hens. Fighteen pens of Malays divided into four classes made but a poor show, A young Malay oock is not a bird that appears to a boy in corduroys too small for him. The Crevecours were excellent; seldom, if ever, has the class for the frame and size is great, and the ime increase of stifution and stamina of the birds speak for the pains that have been bestorved on their development. Park also won 1st with a par of hens; Mr, Durbeli for Houdan cocks, and Mr. C. Morris for hens. The Hon. C. W. FitzWilliam took all the 1 st prizes for Mr. H. Lethe fowls.
Mr. H. Line won in a canter 1st prize for Spanish oocks (adults). He won, but not so easily, the lst for ohickens. The Hon. Miss Pennant lat for hens, and Mrs. Hyde for pulleta. Black Hamburghs having made themselves a position keep it. The birds shown wore very good. Messrs. Mason \& Walker were Ist for oocks, and the Rov. W. Sergeantson for pullets. for cooks, and Mr. H. Beldon for pullets; this latter exhibitor was lst for silver pencilled cocke, and the Duke of Sutherland took 1st prize for pullets.
Mr. W. A. Hyde took the 1st hooours for polden for the hest oock bird and Jiss E. Browne for the best pullets in the silver spangled.
Mr. Nicholls for cocks, and Mr. Hrizes for black Polish,


"Bars, with a pen of very handrowe Indion game called Andalusiams, and high commendations and commend a tions were distributed freely
(To br Consfuded next week.)

## ©alendat of operattons.

DrcBurbise-Steam Culture in favourable climates, onght to be finished before this time, as stated in pres vious months; but to the general rule there are many oxcoptions. Lands, however, which could not be onltivated at an earlier date, should now be ploughed or tionshed up without delay. And besides the excepbest monthe for treaching and deepening old pastures or worn-out arable soils. To get the newly deepened winter is a cardinal point to the frost and rains of success of the cardinal point, apon which much of the gible shonald be wran depends; hence, as much as posthe month, for hie titernto washing by heavy raing
and freezing of newly broken-up land has a powerful effect in 8 weetening it and preparing it for manure and the growth of crops. Indeed, without this preparation, it is in many cases hopeless to put manure or gravelly, and sandy stubbles, leys and fallows, may be cravelly, and sandy stub successfully just now as at an earlier period, so far as the mere work of tilaye is conby this time have absorbed their maximum of water; and hence they more or less "squeeze" and "paste;" whereas, whe wres up into a thousand fragments, the furrow-slice breaks up into a thousand fragments, thus exposinf nearly as much surface to pravelly and sandy soils when ploughed or as do gravelly and san
smashed at the season.

Horse Ploughing (in the absence of steam) is general his month in open weather. In early and ordivary seasons the stubbles are ploughed before this in the northern counties of Scotland, but in late seasons it is otherwise ; and when much rain falls, the ploughs may sufficientily dry. Beass are sometimes sown upon the sufticientiy dry. Beas ares in February, and covercd thinly by ribbing or ridging, in preferevce to poachng the land in December, ated and spead unon the stubbles. In favourable springs fine crops of Beans have been thus grown; but the practice can only be commended as the least of two evils. It is, however, only the heavier class of soils that are thus left to spring. When the ploughs have been removed from stubbles adapted for the growth of Turnips, they may be returned in a day or two after the rain ceases, and on no account should they be allowed to lie over ancultivated during the winter months: and now that steam can be hired in every county, there is no occasion for poaching.
Draining operations continue to be cerried on with yigour, as stated last month. There is stil a large been drained is only hall' done, while not a fow of the pipes in the earlier drained land are beginaing to give Way, thus proving that the artificial drainage of land is not s permanent work. It further proves that the useful duration of a drain is anything but a uniform period. The practical conclusion to be deduced from this is manifest, viz, the drains require to be cerefully examined at this season after every storm, to see if they are all flowing freely; and this is not all, for the field upwards require close examination also, to see if wet places are making their appearance-in other words, to see if the whole field is being thoroughly drained Where a drain ceases to act in young Wheats, Clovers, \&co, the wet spots should be marked enther by stake, or pit, or the intersection of cross lines, so that the injury can be repaired at the close of harvest, when no suoh wet spot may be perceptible. But when the old drain or a new one can be opened, the sooner the reparation is made the better. Where there are doubts as to the whereabouts of the defect in the drain, it is better to open oross-drains above and below, and to put new ones. The cross-drain should be suffieiently far abore and below to make sure work. Two or three main drains angularly across the bottom of the field, when weath cease to arain off the water properly in wet maine, the common drains orossed should be carefully examined, one by one, and new drains put in half-way between, when meedful. On comparatively level land the drains, whether filled with stones or pipes, are liable to be silted up, and when there is much declivity, the water is liable to flow below the pipes, here and there Hasaing awsy soll, and thus arane ine conbinwiy o the fow in the draios. The soil above is also isble to be Washed into the pipes. When such defects are susdrains examined.
Fat Stock.-December is pro-minently a season when the fattening properties of our different breeds of oattle, and the merits of individuals in each breed are discussed and tested in various Ways, 80 as to determine sumers. The great fat stock exhibitions have begun and it has been complanncd that is getting up stock for these meetings the fatting process is carried to an extreme; but the objection is no longer one, and where wholesome food is glven in buildings properly lighted and ventilated, and when animals have
a sufficienoy of daily ezercies, there is no faar of the abnommal productions complained of. The best kind doobt, for each, an open queation, which and subject to no the few animals oxhibited but our wingh it applies to shows, it is otherwise with the grest bulk of stock relative price of cake and for, generally quality of the root-crons corn, with the quantity and quality of the root-crops, hay, and straw grown on the question. It follows the practical solution of the ques him. It follows that each farmer has to solve it dietary last. That which was the most profitable dietary last year may not be the best this year. Diversity of breed and age have each their peculiar demands, so that those who purchase stock for fatting seleot animals according to the food they have to sive. Some Scotch and Welsh breeds pay more for corn than for cake generally; and corn, when ground into meal sad properiy given, produces a better quality of boef and mutton than ollcaie. Of late years the consumption of mesal has been on the increase, along with pulped roota and chatf, with a still greater increas in the Weight of corn-fed meat from a given quantity of food consumed; and there oannot be a doubt that the fore permanent. $W$. $B$.


MI Wintert, ry, has is ine stock of Fici fi



Swot Hay, 1 and 2 toat
Laurestine, 1 and 2 feot
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ime Injers 3 to 4 feet
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CHRRRY TREES, for Market Gardens,-Fine cood crops lant season can now be supplied. They rosy be pianted
 Treas earli) and Rayal Duke.
As the above formof Tree is new 19 Market Gardonigg, ATree of ODCRS reapect fully sohcited for PYR SMMIDAI OBDERS Respectully shicited for PYRAMIDAI
PYRAMEAR TREES, nie sturi, beat sorts, 188 per dozen.


SALTMARSHAT Tries and Evergreens
strong STANDARD And TRAENED YRUT TRET

 VINES- Well-ripened planting and fruting Canes

 A larg quantity of FRUIT TREES, io pots, to bo Sold at a Dotted two veara For patt, iulurs, nfuly to
S IRUNG borizontal Trained and Pyramid and PEARS.Standard hort Dwant-trained PEACHES and ABCTARINES: nine bumh LaOREELS Nad LAURUS COLCHICUM, ap to 4 foot; oxtru bush LAURUSTINOS and PORTUGAL LAAORELS If It 3 feot
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7 CCHER, Now Roses now ready.
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tht formaridet pea knotrs
SUTTONS' RINGLEADER The If wh Harticultural Socicty tested carrefully the
 but emphanic statement appeared:-""The earinest form
of all was Ringleader. Several of the Pees bloscomed of all was Ringleader. 8everal of the Peas bloseoged
the -1/ 'it, but Hincleader was fit to gather fizst,'
WII1NAS RINGLEADER PEA is aloo the Beat



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 Price 2s. per quart, cheaper in large quantities.
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The forwardest in cultivat.on.
The tule res narly double the size of Walnut-lenf. of
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Price 5s. per peck, cheaper by the bushel.

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Fhise hial shated from amnag 40 Secdlings of the Yariptera of that t lass, we have proved at to be by far the
begt nf the numerous, and remarkably clear from discese, whil
Price 5 s. per peck, cheaper by the bushel.

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 all if full size, and weighing from 12 to producing tuberis 20 ounce each in at other red varieties boil yellow, this is white, fint rimectly described as Flour-ball. For supplyIsipersedp finerg other kind whea suffeiently known In a forth where many other sorts were ntl more or lege dianali, Mhere many other sorts anert was entirely free, What wa in anly attribute to ats remarkabls ngorouaRroth It is a Spedling, and we oflur it tiow for the
Price 7s. Bd. per peck, cheaper by the bush. SU'ITOXS NEW (ATALOGTE for $18 * 0$ Is now an course of delivery. 4 All Goodin Carrage Free


J AMES CARTER AND CO. have a hraulful Stock

$\int$ OHN KETNES New Gerantums the the the as anarmi


Fronch Roses.-To Florlate and Nurserymen.



The Stortford borders, properly speaking, ere not Aurated-that 18 , no spractal provisaon the made for the purpuse by prerenge them with ar drases: that from the excorinig purnate of the materal of the borders, vil., I. mion, trent parlisges. locel lenom, brack rubimah, and tanes. atd the caro
 at atyy time net tywas. them, it is probable they were an well ar rated as thome where more emuble hat bren takens to secomer that purpowe. Aceord-
 the lifeof a Vinmongrown upm. the I astlo Komnedy phun, and if nuch in the fact. wo munt anfose that then light is went worth then eandle, mpecially When wo know that Vines jut in 15, or prothapa 20 timan their agen, grown uperi the extenkion plan, contsnue to produce good fruit. I'pon this latter point wo haro a finct or two to rmond.
In the county of I eicostor, not far from Anhby-de-lo-7ouch, aro somo fine old Finea, the hatory of which wn had mentuly the curionity to

 Mtionoms syatim for mome 1has, (i) vers. I begmis to conmpets at (haswich in 1s 41 , and at the Royal Ibotanir Carden in 1als. I tonk the first friza the firat timn 1 exhbitex at tha lattor place-the first time I khowm Black Jamburghs: I took it on Juma lant, ami have suldum miseed the firat prize during the whole tame. I know I took it nvary show at the Botante, for thred yass without intermisenon, and of I remember rightly for 12 Ib ., as well as for the singlo dish. I have had four first prizes for firaper in one day, and I exhibited Hamburghs oight timos in one weason, and was first each time. I harn exbibated at the Crystal Palace and many local showa, but have no conception of the number of prizes I have taken altopether." Wh nemb seafeety any the gentleman hern refarred to is the veteran (irsipe grower, Mr. M. Inewinersox, gardaner to gir fifolige limaimusit, Bart. The Vinnerios at Cole Orton are limited in extent so much so that probably the whole aree is not Bo much as that of ono of the vineries at Bishog Stortford; yet the Vines ere in vigorous condition after is peare of harl fircing, and contame to probluen frime enich an fir cor, iral excellenes
 upon the "cut to the best bud" principle, and it matiters not whether that be the first fifth, ot fiteenth-to thet bud will the ahoot be drortem io The quantity of old wood left in them is something remarkable, thero being at the least four times the fuantity that would be considered necessary for a ryateraatic method of trainang But there it i a, and, viewzig the resulte, we can not day it is withont ita use. Not a strip of bark has beon romoved. we ahould think, for 20 years, and so gnarled and ragged do the Tives look, that of a roung gardoner from one of the modern fashionable Grape-crowing estahlishmenta could bo slropped into the cardena without knowing the hastory of the Fisea, we have no doubt his first auls fixed impreaston, until he $s$ sur the prodriee, wnuld be to ront them out, nnd cast them to the rubbish heap. But thee Vines have yet good rerrice to pearform, and perhaps wes shall hear of them and ther pro-
duce when some of the modern wonders have duce when some of the
sunk into insignificance.
Recurring to the Bighop Stortford Tines, if they are not already destroyed, it would be an exceedingly interesting and perhaps raluable experiment if Mr. Nash would test the feasibulity of flling ane of the hanses with two or mores of the old Vines Thrs conld he efferted by laming tren or three of the best Vines down boruontally, and at propar distances, taking up a shoot to each rafter, and stopping or removing the remminder. If the increased growth should be socompanied by increased root action, which it must be, than fresh vigour would be imparted to the planta, and possibly they Migh go bere Mor Fi kMinc ar more. Auxed house of Muscain and Hambarghs a complete failurs, shanking and ahriveling con stantly taking place, he cut out all the rine axcept one Minceat, from which he filled the Axcept one anampra complataly. Why ahonld hous lise lishn mortfurd lines on the aatne? Wo hop Mr Naall will makn the axperiment. not onlt for his nwn main. bint in the intreast of practical inrmugation.
The encrating whach wer hata in,ts wither, shom how tha Jimas manned frif shath tatl experiment may be tranned into asstamatic form. Progatis ing the old Vinen to be clnaly pruned and 3 ?
gathered fight and to ight and to the now fashionabla abrated borders
The Extension System of Tine MarageMENT is silently working its why. Thome oultivators who tacitly ignore ite claims to notice, fina t advantageous to increase the breadth of foliage upon their Vines. Some allow the lead ing shoot to take its course down the back wal of the house; others, who have been in the hathe after the lines have been stopped at the spring dressing, to remore evers lateral branchlet except as fast as it malces a fresh growth, now find it convenient to leave all the laterals, and not to be too particular about storpiag them; while many allow the laterals to run entirely mild for the rernainder of the season after the ruit recut grower, whose Vines are planted with a naked stom outside the house, wo found a whole forest of shoots renning wild over and almost covering the border; and rpon going inside the houses we found that anything but close panching or atopping had been practised. Our
friend said he was afraid wo ehould consider him a very slovenly Grape grower; but rallying him upon his change of practice, he confessod that the Fines the preceding season had carmed an exceediagly heary crop, and as ther shomad the effects of it in the follownig crop refusing to enarar, tha plants hat buen alle of meace the paratively whll, with the hope of increasing the root action. (Jute raght: But if a more ex tonded leafage increases the root action one ceason, why not every season? And if it is being overcropped, why shonld it not be good for thern at all times? To answer these questions would, howevor, open up a field mach too white for us to explore at the present.
The early fallura of the 1hshop Stortford Vinas omea before un as a serere condemration of the tectrintivo aystern of cultusating the line. While ami ronta having gonn wronge, it is not amposable that, if tre conld proshon Nature's sacteta in their ultumate result, we should find that the loss rif
 priming has had na much to do with nur falluris as primsutahosonl. A word of raution may also be
down horizontally we would select, when they broke into growth in the spring, the strongest shoots at about 30 inches to 3 feet apart, and stop all the other shoots at the fourth or fifth leaf, as root encouragers, untul such time as the shoots retained got fully established. Then, supposing the rafter to be 1 ar or 20 feet long, wo wonld esteblish epurs or gqaurs at 3 feet or
4 feet apart, and nearly opposite each other upon each branch, and from these spurs in alternate years we wrould take the young shoots which would produce the orop in the following senson. The engraviug supposes the Vine to bo thoroughly established, and pruned for the succeeding year. 8 are the young shoote that will produce the cop next weason, say 1879, and will then be cut out to the bud nearest the main stem; while A are the spurs from which the shoots will be produced to carry the crop in 18\%1. In this way it will be seen the pruling of the Vine is reduced the removal of the laterals-a system rod, and the removal of the latera
which any persan may understand.

The adventages of the system will be a very large reservoir of sap stored up in the Vine at all times, ready to repair any shortcomings on the part of the roots, consoquent upon cold weather; and, eocomdly, a regulay succession of young ahoots which have not borne frit, for the
following season. These we negard as root

# woll 

promoters, and our experienco ia much at fault, and our phymological knowledge ulso, if they would not be found to play at most important part in the economy of the plant. With suoh shoots we must get fine well-matured buds; and such buds-the treatment being auitable-are the precursors of fine crops of well-matured fruit. $P$.
5L. $5 \%$. We fered by requested to state that the PRILE of . Sol. Scotr, R. D., Becretary of the Royal Horticultural Society, for an essay on the on Wednesday, May 1,1870 , and not on January 19, as previously announced. We may add that many correspondents complain of the vasueness of the proposal
and ask whether an essay on the "correct standard" for florists'. flowers he intended, or ore on the proper mathod of judgiug plants in zeneral at oxhibitions Parhaps some light might be thrown on the matter, if
the asmes of the judges were announced. The aubject in one ofs much interestand importance that we trust
fuller information may be fortheoming, and for our own perts we should like to see the reatter treated in a broad
path and pathotio spirit
 preise, will be read whth much intarest:-"ithe "Jverwoil doubtless one of those varietios of Fragaris vesce commonly oultivated throughout the Andes within the tropios, where the perpetral spring of that favoured
region has hat the effect of rendering the Stravberry perennally fruitful, and many of the deciduous-leaved trees of Europe evergreen. In the Equatorial Andes the province of 1 mbato 18 famed for its Strawberries, which equal in size and flavour some of our best varieties, and which are to be soan exposed for sale in the market place of Ambato every day in the year. 0 hey sove the sea, where the mean tempersture of the year ranges between $59^{\circ}$ and $67^{3}$; but the best are crown a litite way out of Ambato, ye you go towards Guayaquil, on the siopes of Gquahi (lat, $12^{\circ} \mathrm{S}$ ), at near 9uOl feet,
and in a mean temperature of Co ; where, however, the thermometer does sometimes descend to the freezing point in the early morning, perbaps half-adozen times in the year, acd scarcely ever on two successive days, Donn-ripht rainy weathar is almost as rare as froat, and the el imate is, on the whole, dry,
The soil is entirely derived from matters ejected by the adjacent volcasoos, and consists chielly of loose sand and
baked mud, to apperrapace slmost utterly sterile, but fertile sard of irrigetion s and meadows meeting the fertile, gardens, corn fields, and meadows meeting the eyo on all sides, wheraver water can be thrown aver
foil. From the main 'acequia, or watercourse, water is foil. From the main "acequia,' or watereourse, water is
every day turned into the furrows that alternate with Lhe rows of Strab bervies or Maize, or diralia (Medi-
eago sativa) or Meadow-grass. A native peot, cago sativa), or Meadow-grass. A native poet,
desoribing this very spot, speaks of the fartilisin streamlets-

Without this artitcial aid, a moisture-loving plant, like the Strawberry, would hardly survive under the tude: sum of the equator, even at that great alt-moister- 10 months out of the 12 being rainy-little irrigation is needed. Quito, however, ${ }^{\text {Ls }}$ near the upper limit of Strawberry oultivation, and the fruit is much inferior to that of Azabato. The Strawberfy is generally considered a true native of the Andes of
Foundor, and I have saen it wild in two or thres Mouador, and I have seen it wild in two or three
places, espeoially on the northern declivity of Piohinof a muchufraquented pathi and as the Indians appear to have no native name for it, but call it by its Spanish names 'Fresa' and 'Frutilla,' I can only consider it an introu uced plant. However that may be, it is known to have been cultivated there fully 300 years; and its character of perennial fruitfulness-whether native to it or aquired-mould doubtless be preserved in any other locality (so far as changed conditions would allow) for a good number of years, especially if pro-
pagated by stolons; 80 that its introduction to Eagland, as the foundation of (at lemst) an autumn. fruiting Strawberry, seems highly desirable. Whether it will retain its everbearing property here when
raised from seed, will, I hooe, soon be tested, ss of ith rotained wim io hope, soon already beell sown near London, by Mr. D. Hankury,


- The Royal Forticultural Society of Treland has smounced its intention to hold a Speing Exhibi-
Ton of HYAcinTEs on the $24 t h$ of March next. The Trov of Hyacrentrs on the 24th of March next. The
exhibition is to iralude Tulips, Narcisei, and Crocases, as well as other sprigg flowers. Of Hyacinths there are four classes provided for amatours and two for nurserymen, besides various special prizes, one of which hold by the prizes at this show.
-.- Don't suy molest worth is not appreciated. Of course not, when neither time, season, nor place gre alter the conditions, and then see. Here is anillustration from the Natal Mercury, published at Durban, on Soptember 25 of the present year:-"Mr. Pebein
has kindly left at our office a nice little Primrose and a fine Dandelion both grown in his garden. The latter grows admirably, and the former with care in s moist
and shady spot. These are only some of the many and shady spot. These are only some of the many pazas. Whan Mr. Prarin has
rared in hagarden in the city.
MM. Pranchonand Lichtenstern, in recently commenting on the fact of the existence on Vine leaves of GiLLS Which shelter families of Phylloxera,
similar to the Phy lloxera vastatrix of the roots, suggest that the insect found on the leaves is probably, transitory form-in itself injurious-of that which destroys the roats, and with them the entire stem of
the Vine. According to this lupothesis, it will be hecessary to admit two states of the Phylloxera vas tatrix-the gall-inhabitisg and the root-inhabiting. The former, they go ou to say, should be carefully comwhich duces galls upon the leaves of Vines in the United States of America. The latter has perhaps its analogue
in the so-called thrins, which, according to M. SERIGNB of Narbonne, infests the Vines of the same country Nothing is easier than to recognise the galls, whirh are oftem very numerous on the leaves, espenialy orisped sppenmasoe.

Dr. Técephe Desmatatig communicates to the Indicateur Vincole the following intelligence oon-
cerning a Resedy for tho Vise DISEASE. In the cerning a Remedy for the Vise Dispase. In the
vineygrd under his observation thers wero in the Spring about 6il Vine stocks attarked with the disense
Theg were treated with earth mized in the proportion
of 8 or 10 per cent with coal-tav. Of the 60 atoaks of 8 or 10 per cent with coal-tale of the 60 atoaks,
sa have now recorrared thair vigonr perfeotiks, sand the Grapas have wollen and ripened; five present a mentions having found the Phylloxera on the leaves, fom which he concludes that the evil is progressing The inseaticide of M. Gorersat, of Saint-Lanber, is froxtably spoken of.

The Priday evening meetings of the Royar Iastitution we arranged to commence on the 81 st of probably be given by $\mathrm{P}^{\text {rool. TrNDALI, Prol. ODLiNG }}$ Prof. Roskin, Dr, CARPENTER, Mr. CLIFFORD, Prof. HUXLEY, Prof. Williameon, and Dr. Blackie. The Ohristinas lertures (adapted to a juvenile auditory) wili be by Prof. TyvitiL oh ho has chosetn Lisht for hi, 3 o clock. Arrangemeats have been made for the
following courses before Enster:-Ou the Arohiteoture of the Euman Body, by Prof. HEMPERY, F.R.S.; on the Veygtable Products of Chemistry, by Prof. ODLiNe, Plant Lifa as cuntrasted to that of Animals, by Dr. MAsters, L S , Deduotions from the Comparative
inatomy of the Nervous System, by Prof RoLLEATON


 -GABDENE, perceive is in furat to be bitors THosison (Dalkeith), and Mr. Richit
 the new arrangexaente.

We are informed that a Rozal Hortioultural Hortioulkural Gociety
on Tueaday, December 21, the followh of rad for competition, viz-By the De: KEMP, T.R.H.S.s and member of the Pruit 0 3 dishes of eack. 3l, $2 l$.

PLANT PORTPAIT
 which has the large cord ate or ate lrixit grean min





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| frum the Unite, sitates by Mr. W <br>  <br> A greenthentas shertl) of consider.arse |
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 with an oxcurrant therad in the inus thelappratoly eplit at tle apex, and the sriffice ribit appear plicate. It is
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| 10.7wers 11.1009 : | TITE | GARDENERS' | CTRONTCLE | AND | Agrictimmal. | ( 171 TTT | 12:9 |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |



## TIIE DEODAR

( onoment that some corrempondence hae takon an rometiat thir noble tree, the Cedy Doodara a thrown on the subject. I fully conour with in. phated to a large eatent, if onls as a noble free
 a eradeat tros we have far our handoupen - ans if it intimet mole ur an 1 electant growh, white in: $x$ in efther assinat wind nat storms. or fir In ratinese and on the slopes of I I lat flt,er
 दr k ar autanal
$\rightarrow$ en emerret that the Deodar stands bravely sinity of the sea. For evidenoe that if will alno ktw aly on poor andy and brasluy soil. We if ive inc, tal viciaity of tha Haldon Holk and in many wht Irstining stata
Finco is in this comntry-otot ontr in Hante, Surrey of thoumade of acros of poor, hungry, sandy, safy, Rravelly, uncultitated soil inat has not yot a surned to any socount, and wnich mighy be unhi- or other, or in some They loomened up by bleam7 baty of our landecapes, would be of grast importa tine would atso greatlj add to our wealth, were T An principle. Hesides, after thus yielding a ti vor thea, this now poor melesg soil, not on have become fit to produce fite root crops, Ian Rytares, Clover, and other herbage for feod: in ropaking meald follow alter, and at length the it th the arailable for forming nuto noble parks, ep, and ballocks, if only it were judiciously cleared treen erounk were lelt to form a sheltor to the
 iem, int of breakinz 11 . druynt of the colt, searing,
 nop kiads os shelterinz nurses to be methondieni's inery in tue seakn, one minh whe observe nbat anfec, sud aspects. The nem, pood, and wall-known labio rarieties coull be fircl planted at rom
feel arart, accordine to kinl and circuntatacom $n$ o.f ip with cthers at half the : tauces, and - $r i=$ on the Deodar as a timber tree, I do net It at in preant time there is any relinble
 or Cedars and Conifermited kingtoman Like ati it in mark and Coniferm, it requiret considerable in in ralue, and then, at with the Sootrin Fir,
ind

 an - : prewtice conea for siar an, and hasin und

ham iar the he me-kryanct
ton ar * ll atikn friely from chatinas. and
 onta can now be prowlimedi, An to whiting
 tratinn: I have, howeser, seen enough of tha ri and nable tree in difitent plecen, and under

##  ite beauty as dotiwet and apies is and mapue time both en turning Barnes, <br> 


Contram: $/$ /, it htr. Will you allow mo bo odd a Word ta "I " 11 " Dlenclink chopler on the athare
 Whathtens larin, is w. Ah thed to him. Romant time


correspond in aize to them, and are, 1 have litile doubh.
the perfect insect into which other lure the mane as the porfect insect into which other lurvi the mode as

wise and ine bolones in tho mentis Owhith then for
 Brailisu gyeone which cre rewz like ith, bolth in kize wod coulpture, but alther dow it correxpond with any of Whiok Mreow with it; por if it repromenod in tho io in Cures tomits. 1 have thorefore hittie hariladon in

has originally been imported, hut find that whis ich it known, alulough it we thought that it mitht bo Aouth America, ita finders had remelved amperthionar not by its esting the leaves of the ()rchide, mall does 1 it









it not Dendrobiums but Fepidendruy , and I therefore of Coutrinua Rpidendri.
Centeinca Eipidendas.

Ahimis I

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Of the eame size and very similar to Owntrinus scutel Fith the rostrum stronger, the thorax more deoply punctate, more convex, and wident a listlo before the anse instead of being widedt at the base. Tho othoulders of the elytra tre more prominent the tly defined

## 1. 3.

## CONTINUITY OF GROWTH.

I zuve read all that has appeared on the suh met of mown on both sides seern somewhat weakened in fir:a by foncring the great fact that gromth io cantiouour is of drath, hit somperhing roons alem to toe thong anumale Viwin tleep an Fital fut ction 15 greated. The repoue of the hody may obect the eltarey nf thoir Wrirk d, he. thoy work on neverthaisss, and the circixle mer degree thas is like ivisn prabably true of piants. At no poriod of theis ex stcme 18 shere 2 complete thoppace of flusts, unless indeed, tho life if both root and branch is arreoted, and bour.urd sucd fart in the in the freation when the sap bozins to fors in nither root on lianch, it weald he mire pert.nent to inguire when, $1 f$ ever, it cond thowing?
This quention ellcits another of great importanm $s$ this ioquiry, and that is, whether there may neth.
of parti? We know that in the ammal econony every vital function may be performed for years without any anttor simply supplies the wate of the old, sad the equithbrium befmeen the two fotcon of watte and
aupply is maintained. Now, it it not powible that atpply in mananded. Now, thisa may tale plane during she winter alcop or that nf phantas The lanetulamion of root and bramely durne the cold annlese enamo mar amply



 the numatry if the ansca, andina it mo mew mottor

 ande perastenery thins destonga tha hasia of siny medo absolut theort Rut lovine them mer, and turnibu

In the prowit that i, ere nuws pas hy be motand ircula-
 that there may bo extonato of
 and or had mot bopuls to krow. Tho rook hod nover Wene promounced corpud, they wero doublesu foeding
 o. Weo roma fer dowth in ibo ground hay and the renole bo ootd. And thes noubing it what in, 1 , Fuat mialeadiar. The lrulh ta, it has nolbume whemer
 af lif. fully told us, not bootrio wo old lial dom bat hosuuma new inaf in bocris that hew







 to furnith e cmitable air :

 mpules of otruggliag and admbemse lifo withia. nits lion, if cocopled wili ennbla us alleasal to amom Ltasi I fune p worth the termin--dormaney nad erowth. beon addonoed by jour correnponaestan far in licke



 liwe boen sothoed to hive and form tranches for mie
 formed withont the aid of lenves, hione marrectont
 and thos frimme ("rers prortion of a plant; Fitite the universal practura or atrih mar ntinges abowe that mione have the power, ike in them. Mr. Kirhi of Yoow, gives a case at p. 1183 of this growth of aboole withont the furmal in or rats. I, get mintare, of miliar thus

 Ohent of stmer leat is suck as a couthog in wuler inc Lave sern such a eaf produco roote ia abundance ymar after your for nevenl yeurs but not a tirgle


 hoy were rit durne the - $r$ is, I emserves that mos
 beptember, when the fry $(1-\mathrm{ram}$ n wa-c) pans. for rumme
 developed. The fruit ronm was cool and dark-heace I presume the energy or लroming vawro of the spur went rootwards, instead of, as in Mir hnicht's case, leaf and shootwards, thus coufirm mp IIr (i liswson' fiew, that the airection of arov. is $\mathrm{F}=\mathrm{fat}$ of my Fine shoota forming roots so plentifully without leaves fidently adrarced by Mr. M'Millan (م, 1101), that the roose have aboolute and entire control over the entite tree, and thet epongioles cannot bo formed without the whthont rooks, and formed them in phenty, montly thict apongoles too, withouts leal at all. Inmeper, as thin gentieman promeds to ray that the l-af dinws the man to it in minh the kame way as a valve ditawa water in a mimp, 2 nid as a pumpy baive dinas nit ditaw
 origitsled thas divelusenm-the erowtia of the reatchare if censorx nat it maly mone subattution of forep I Ins read IIr
1 ines were lof the the xroumd. as it it is of $\because$ 'n


 is not a ranture of involved as it wo far, that case top, Dut aimply of oae ront mercies another, and of the
stronger superseding the weaker．The two sets of roots Were more than were needed for the sustentation of one shoot，and the stook set aside the roots of the soion as 8oon as the union by approach was consummated． stronger will dam up the weaker，and that may possibly be all that happened here．
The other cases advanced seem to be sufficiently explained by the continuty of grosth here contended for．In what direction that growth will be first msni－ lested，will be to a large extent determined by external circumstances，and the internal wants of the plant． In cases of idjury，especially underground，the growing powers will be first directed to their repair． This is abundantly proved by the extraordinary activity of roots injured by transplantation． There is not only an unusual effort made to restore the loss of absorbing power，but likewise to extend the roota so as to bold the plant firmiy in its place．Call it plant instinct，the faculty ofself－preserve－ tion，or what you will， putable，that there is an abnormal activity of root sation in all transplanted plants immediately after their removal，compared with those that have not been disturbed Mr．Anderson（ p 1064） cites a caso to the con－ trary，but that case，as it stands，is not con－ clusive：we need other data to determine its value，ohiefly the time of remozal，snd the bottom and top tem－ persture afop tem－ If the Vine tops weras． immediately placed in a higher temperature a higier temperature if the tems weroequal，and atowis instantly exolted in imstantly exolted in the top，the result son stotes．Buthad son states．But had the roots been placed in a higher temperature than the stems，and especially had suti－ cient time beenallowed the roots to repair the injury of removal，the most probably hevo most probable have been reversed
In a state of nature， I believe，root and top whon proceed simul aneously．Under arti－ ficial or accidental cir－ cumstances either root or top growth may be made to precede the other at pleasure to a limited extent．But growth is ever con－ tinuous，and there is no such thing during the life of the plant as月n entire stagnation of fluids，unless indroed by frost or intense drought．While each plant is a whole，that whole is made up of an endless series of jndependent units， most or all of which have an individual power of growth in themselves，while con－ tributiog their quote to the growing forco etrengti，asd beauty of the entire plant．More－ over，growth sam be rated but or accelo－ rated，but not entiroly arrested，by art，with－ out the destruction of the piant．As to the precedence，when boiled are ssid to be of sine dark of root or branch it is moresafe and successinul pracice heat and moisture，before exciting the the application of heat and moisture，before exciting the top，as without tial to the healthy development of leaf fiower，and branch，and to the maturation of the fruit．Continuous root sotion is needed to supply the wants and stimu－ late the vigour of the whole plant；and notwithstand－ ing what may be said to the contrary，most practical mon will agree with me that it is quite possible to ercite root action，and cause it far to outrun that of the top．Buibs may be held to be exceptional cases， ooasessing in themselves sufficient stores of organisable aater to develop either root or stem without external imilar ripened buds are endowed with somewhat and of buds alike and keeping the crowns of bulbs both are Farm，mool and dry，while the roots of both are warm，root growth can be made without trousing the top into aotivity．Our mode of treating bulbs after potting is a daily illustration of this，and I
have seen Rrose pots，destined for early blooming orammed full of spongioles before a single bud had burst into leaflet，by amply plunging the pots bottom－heat out－of－doors in November．D．T．Fish．

## NEW PE』S．

We are indebted to Messrs．Carter \＆Co．for the use of the block representing one of thar newly－raised Peas－the Cook＇s Favourite－concerning which we reported as follows in August last：－＂The most pro－ mising variety in this lot appeared to be obe called Hundredfold or the Conk＇s Favourite，which was obtained from Laxton＇s Prolific and Ne Plus Ultra， height 4 feet，a late prolifc variety（ahout fourteen days later than Supreme），with remarkably fine pods， which are slichtly curved，and of the fine deep colour
the first rank（as a tom thed Wheming majority will protext，mation madernation of the Lime ite ， that the instances althougb it mout besp： excentional，sual do notres of hien excephional，und do not apply to the thou！ application of the tree，we preaterevith young I imes Mrobinson＇s plearie harei the boanty and for 10 oar path sive diffuse all aromend them $n$ ，then，whe Bel： Tricke of the Trade，－As the thour ： uurserymen＇s fatalogues ahound wh this ：r are elther adding to or improrinemesat you let me tell you what has benigh Among the plants I cultivat whigor in theirch，If ever they attain tha + oud in their native forests，wid give on

states at p． 467 that＂If a formidable minority will dis－
sent from Mr．Robincon＇s exaltation of the Plane into
The seed is of a distinct pale olive－green．This is a whose ced，as I thourht，Witil the y sort that is likely to hecome popular both for mark is whose character could sustain the whited
 photograph，which we have had the opportunity of nspecting．Next season we may have the chance of ascertaining whether the promise of the present be culcilled in the future．

## 装ome correspondente．

The Lime as a Town Tree．－It will be remembered that I was pretty severely handled for recommendin the Lime for this purpose in your pages．It therefore affords me considerable satisfaction to find my favour－ able impression of the Lime confirmed by the able aritique of Mr．Pobinson＇e work on＂The Parks， Promenades，and Gardens of Paris，＂in the last number of the＂Edinburgh Review．＂The reviewer
a qure quarter；and in due tim Whioh only half are my own remainder were substituted for the course I am told they happened to sha kinds I wanted，that those which I equal on the averaze to those which I am requested to pay for Roses seems to me very like a tallor sendup tin： when you ordered a blue，and expreits Sc it was quite as good，and suited to row 1 k ： If a tradesman is able to send yout so soo one you may have in gnorance ordard botter，but the superiority must wo for object not merely to fili up an order． agreultural dinner in Ireland a maites mo gentleman to inform a frena afth hie dit he would be happy to take wine win end convered the

## harel itat the one "gentle aran hemp in action,"

as well I I dare say many have net
extrence as I have. It is tume that e exparience as I have. It is time that
bound become accurste in namma, not they hardly possess, or try to phants they hardly poswess, or try to
arg by extravgant doseriptions $B$ If hantifolie - It may interest some o spen at the Hiphapte Nurseries of
Non. This plant is abrut sin feet in simmetrieal, strong, healtby, and
 sreall, Bownwell. Werbyshare co sreo about as five a plant if
cund in this country. I saft it a and was fold that only one larger
Enpland. The specimen certainly Mor. [Can any correspromdent pgrticulars of this sperimen?
 A letter juat reresed from Mr whe's gardener, kifer the heleht of the Puraer's Cross, Watham direen, as to hintorieal accounts, Inod Ravense was planted in the gmar lifin, wheh i as before the date of planting the Rer. Mr be fourd in the parith of trees are sout of herght, age, and hy whon Will be given in another paper, if you think子uastrim, de. D. CWhmogham. [Wo shal] O Grafting. More than 18 rears ago, when the neribhbourliond of lumfries, I read an and I tried the experiment, The minister Is graft. I y plan, was to cut a goose quall of a Potato, and then with a turn extractine he improver, and do the same with it, incertink first falled, and then the remaibing eyes were away
from the inserted esess, At iny first nitemapt I meem at of Polatos which recelved lhe anard of morat at
Ilunifr es Hortic ultural Somety's thow, if I rember rinht. a september, lhin 1 (xilamed to lessers Ihwne, Laird \& Lanng's anent lie frineas wath that? I answered, beciatise it was
um, "Now mo Potato better than
He said, "It is. He said, "It is," whath then" I asid, "is in the whole stork, and fo not knos hafinte ti nlt was, $13 y$ using a coaree graft an..thd the produce bernobes marser that sing shall deende? (In the ifxed ques-is-ue respecting Pitato frafting. the
ditors certainly differ, for while the editors 8 of editors certainly differ, for while the editors Magnzme" does tot believe in any such eding tagazme does not believe in any such thing your corresi medent is a mere delusion; the ex ple to prreve the fact. I am quite propared to admit
perfect adheuion of soion and stock, and thet it grow, and thas is all I rm prepared to admit. To true hulsids by this nathod I beleve to be im. e , mu. I more to change the colour of the taber at surnut, taken from a Potato, is self ritale on the $A$ merican Rose Potato in the the stock to ald it in growth. A sprout ly well if pelf-supporting, and a scion would
in a prece of Turtip, Carrot that" the scion into a Potato. It is stated hment, and that jt doos so when union has oen perfect is hown, we think, by the fart il it in tumh
 is is a lablas has for the lace, the set remain
iadn, it is sall that "one cxcellent variety positife, sy stated to have thus originated, and
 question tropess of araftiog. I baliere the verioty doinkt mon etion," but I must se
din be minnineed. Whlint about then
 orn'i.rn anyn to this subject \&fter it bas been nirt retericik the Resae of the Beet.

## Bcotch Fir Timbertions, Fills

ks at what amber, - lour correspondent, at p, 12\% tro the wealon of the cir timber may be ued, Wile 100 , shod, in he cut down until fo gears of ape core it is cleared of casen 129 jears, may be allowex wath \&arth Fir tumber outabt to be cut will in



 this comotry, ind cold as liaitic timber at the srevent day. Mans liroprietors who hare the machnmery for
 atalitr, and offen not so good Wh here the sool
 hemin juh-d bejotd its matural groush, neser lives bu frequently bursts out, formang ul erated places on the surface of the bole, at ages varying from th wo 50 or
years. This frequently occurs in hollow places in th naturand foreate in the Vorth of Scollthd. The time Fould drofer to have it telled would bo from Ootlobor


 rees, whith, at 25 years wh, sermed to me yute good oo greater matakes are made than in the jurehasing of wood, and at frequently hay pene that hoth busar and
aller are total!y pageraut of what th? deal in. Whant n repard to Oak and to dah, fould 1 a satd of the soal Whach has eversth.ng to de mith its datalulity and dastecty-l ut mot more so than in the case of the deoteh Fir For mi own part, I wond liave a good hard-grown Scoteh Fir in irefereace to lareh in Sast grown unlearted state. If th rerard to fanking the natural forcst and wh $k$ out sicoin $h$ fir trees that would sar: in water to the bottom, No Oak could last o attemt, to force out the vatural sap, as the can in such treer 18 a solnd mass of reann, and ware the timber to undergo any chemsal process known at the present day, it wulld not compare in posat of durabiaty to the Fir arte-mosts is naturad state grown treps, they wall last murh longer than ()ak
 Fardeuers' Chronicle, a notice of a fine specimes of Farda curulea fowcred by Jir. Thomson, gardener

 tively, and the two upper $1 \overline{8}$ and 15 , making 93 bloom Since 1833 we have fowered this plant avory year, and It came to ns from Calcuttin in a boz with other Orchids. Wo have observed that every jear the lowers last a shorter time In $l$ aj3 it bloomed in October, and in January the flowers wnere st.il fresh enough to remain in the drawng-room. Tha y ar t'io Date Park, Arundel
Garden Ivies.- it n. 1swa you give a br ef abstract a japer on garden Iries, summited hy Mr S. Hib seen the full report. Mr Hibberd does me the hoopur f adopting, though wihout acknowledgment, ms interpretation of the kerus Hedera, and the species
composing it, as mublinhed in my "Revismon of IIede-
 plates. He totls us that, during the fast 1.5 years, he
has assiduously co, lecter and studjed tho species atid Farteties (so-ralled), representing the three well - hnown spes, viz, II Helig, Lu, H. caosriensis, Willd, and I. colchea, C . K och. Now, f . less than what are termed Iries by fardeners, iny approach was made towards disentanging ins spectic types fromi several hundred kinds Enown to exist, enther wild or cultrated. That these three types aro well-known, as 1 ir Hibberd anserta, may be doubied
though I have tried hard, both by descriptinn. Wood cuts, and riates, to make tbem sn I foud fond no *iritice rharatitr st the form of leat, and had to rell

 and from $13-15$ in H . canariensis, bessdes being arasler in the latter, and the apecies itell havings
distinot Reograplical range. I have no facr that any transitions between the scaly and the stellate-haired Ivies will be disenvered, but it is quite withn the
range of posembility that some may turn up whtch may ranke of poseibility that some may turn up whth may
obliterato altngether the charscters relied upen fo
dishingastung II He] x from If ranariensiz. I rarefu

 been lid-aduand to tubmit ais to the consideration of the linuman comis. He sat gether wrong, an evory botanist w.ll
tell ham, to hanse well established apecillo names-
 g concerned, - beranee they do not harmooive with sy stem of nomenciature sat op for his sariaties
bo would dram of f Honiag lam in rfjerting the
 no wid be a convenienioe to any one karching them out lagnoses arranged under these haediope. liut luately, the different divasong brak domen, so that aome rarieties, as he tells uc, mal he classed under
 the arboresnent hase an imelination to hecome acat detnt of opportunity prewenta atiolf lroximity of an Hibberd that Jas classification os ahan utcoly uselema and that he oupht in irs 10 t.md in abother direction thate rchablecharnaters for hasp urpmese At all mebl

 then endearutur lis iddditional atidy to adranue th. do not think that Mr li:hberd thas done thas. Which be down not heaoo his papor to mod up to the mark. Efe io vorfectly mistaken, for inotance, is conildoring the Irinit I Yy in



 form of If Lfixx lias noldang whatever to do with If. eannriens,s irue! Agatn, abont it Helix poctera_ Hort soie. Trans jube, कhich has ye low fruit and is the cesamical Isy or Kiswos, the plant of which llimy speaks as lilera mentus chryacharion And why 18 it plaecd nmunevt Mr. I Ibberd's a'andent, non-fruttiop varieties, of whis if I understand Mr. Hibberd uright) the fowers lave neser been reen, aro claseded uniler II Itelix and II ramariemis resizectively. low as tho flometr are abmotutely necensary to dintincursth the rpecres, low dnes Mr. Wlibberd manage to clasify charaeters l base relied upan fir distinguabing the three spe ses hold gond, the most simple way rif clasufying thmis vartelies would be lo diside them in the first instanier into black fruited, yeltow-iritited, fird white-ftuted kinds, athe inem and nature of thrir leaves at d general bubit. I have nover zet beon able to find out, and perhaph come of thon, wheller Ines with white bl telend leaves have white fruit, ard thesp nollin chlos blotelded leaves lasesfention may be distinguished, some berpg liable to be kulled by effivets ; and smain while the fints of the leares of some are not affected by temperature, others undergo ant ceptible thange as soon as the thermometer ginles below have to be fairly met hefore areat deal mors will deal defintiscly with the rlash.f athon and mature of dascouraget by this isnd k.mured eriticisins from duscourageti by lins and kinured erificisins from to a further serses of observations, whah may help to set a question at rest in which ficentifie tostany and Vine Sols.-Your correup onjent, Mr. Cramb, has undrubtenty strributed the falure of which he complanned in lus Fincs, to the wronz cause, when he attribules it to the ITfselico of lime in his sreat measire to an aldution of that element to that naturally existing in the solls of this nelghbourhour? My vinery it pleced on the bere aolitio rock from which the thinner surface store had been raied for bulding limanjus sitoment feature in that rock ()rer that bare foundation was laid a foot of broken stone of the samie rharacter On that was lad biet ceep of our
ordinary soil, mixed with half-inch bones and rough scrapings from our limestone roads. This bed of enth is under the glass rouf, and I tee no wey of eamape for
the roots from it. The Vines were planted in this nine the roots from it. The Vines were planted in this nime
jears ago, and my riators have been, during this
sfairn, sn whih atru $k$ w, th the



 of Vine bndding hecently pravived at Thentham, for that Mr. Stovens is uniortunaieiy not the 10 ven or of
the prucess will appear on reference to p. 1187 , where we hare jnformacton of is being prantised many Years
thefore the intrudurtinn of the Madresfield Court Muscat Grape As Mr. Bain p 113," very jualy
remark, "there are many excellent practical cardeners
 that this agreat ? ss fo thone mbo whoth to learn if it
 gratuitous crilucin of thome whonde kife thetr experi

 of buchia
profuse with their irony, and more generous in impartmoy method by Fhich the budding or gratting of the regards the production of ripe Gंrapes, than that I have advanced, I shall be glad to hear it. John Reid. Maigh
Hall Garden, Dec 6.
 little orook-backed gentleman.". My reply to him is
that the budding of the Vine being slow in action, and to some extent uncertain, "practical man" fiud graft ing so very superior in a peneral way that they adopt
the most useful methods of it in their practice, leaving the less important, such as budding, in abeyance, so that it may be cried up at the nick of time to keep
the oraft awake. $J$. $R$.
Bottom Heat for Vines. - We have not yet been Bottom Heat for Vines. -We have not yet been
furnished by any of your numerous correspondents With any real proofs of the relative merits or demerits
of the two systems of culture. Therefore I should like to see it put to some practical test, everything con-
nected with the Vimes, except the bottom-heat, being made as much nhlke as possible. We shall start a
vinery in the second week of December, and in this house I intend subjecting six pot Vines to the test and trust it may induce others interested in the subject to try a similar experiment; by so doing Vinea I shall try are in 10 -inoch pots, struck from eye last spring, and have, as nearly as possible, the same length and strength of canes. They are-two Black Hamburghs, two Frankenthals, and two Royal Muscadines. One of each will be plunged in the border through the front wall, and tied to the wrought in other three will be placed inside, close to the from wall, the canes will be placed alongside of the others, and both will in every respect receive the ssme treatment, except that temperature as the tops. With your permission I wili report the result when the Grapes are cut. J. Mc Indoe, The Palace Gardens, Bishopsthorpe, York. [Pra'do. EDs
Foot Action. - An interesting controversy is boing young rootlet formation is the cause or the consequence of leaf and branch manufacture. In the island of Madeirs, I managed for some years a model Garm, which vineyards could be restored by the use of sulphur, and by a return to a proper system of cultivation, and also to the introduotion of many new and useful plante, plant, and of many other noveltios, was insisted upon in lettars to the papers, and in a book written seed of the Holeus was sown at diffurent timas of course, however, was to sow about February. In about eight or 10 days the 3 oung Rrasses grew up, some in their permanent location, and some in pots to plants on their own lands, espectally amongst my own enants. Taking these young plants au abot anonth ld, you sam leaves, and five or six thread-like roots. They wer planted at a distance of about 18 inches, and carefully and anxiously watched from, say, March to May. The progress was most the enthuaiastic impresario, who was terribl quizzed by the neighbours. May was fairiy commenced and still they showed no sign, beyond putting out two or three narrow stunted leaves. The tebauts came in and asked sarcasticaily if that was the new Sugar-cane tha
was so loudly was so loudly prased ? In desperation, I pulted up
one of the plants, and if Linnreus really fell down and one of the plants, and if Linmacus really fell down and
worshipped as splendid specimen of Furze he would worshipped a splendid specimen of furze, ho would of Nature exemplified in the roots of the IIolcus. Tuere Was a solid stump or meck of the plant surrounded pounds-transparent, juicy rootlets, bursting with sap, and only waitıng the stimulus of a slightly hotter weather force the leafy portion into growth. The from alitle teader grass about 9 inches high, became a robust cane 6 feet high, with, in most cases, four o the weats more they had ripened their meed, nad
there cut down. The rootleta were then examined, and found wizened and thready, as at first; in fact pumped at-Hill. - Do Vines make fresh roots or spongioles without the action of leaves, de., or rice rersit temperature of the soil in which the rootz are, and of the atmosphere of the house in which the Yne grows. Moreover, I believe, that in all well-made rine borders Winter rains, and to husband the solar heat of the presurvive and ar), that a certain portion instesd of going entirely to rest when the leaves have fallen, as sonte of your correspondents seem to think. I also believe that ection taking place in the branches, also that they roots. In proof branches experiments. In Pebruary I took four Vines grown in pots, and having disentangled the roots, I placed them on four were pieced of turf, covering over with goil they were placod in a pit, where they had
steady bottom-heat of 60 , while the steady bottom-heat of $60^{\prime}$, while the minimum temperature of the atmosphere averaged $50^{\circ}$. Two of the
canes were lent inside the pit, whilst the other two Were taken cut into the open air. For convenience
the buds of A. showed signs of bursting, we found many far advanced but quite as numerous. Witer, when the shoots on A. were 2 or 3 inches in length, the rootlet percentible inerense in the size of the buds, the young roots were much increased in size and number, many of them being over $\frac{1}{2}$ an inch in length, snd by the ime the buds had burst tae most ntroduced a Vine rod into a plantatove, the ninimum emperature of which was $60^{\circ}$; the roots were catirel outside. When the shoots were from 6 to 8 inches inefully litted them, but fuiled to find a single fresh root; nfact, the smaller roots had rotted off. The Vines had fect whorass, it was no wonder that all the smaller root were gone, Wuence, , hene came the supply of food
that enabled this Vine to crow from $\%$ to 8 inches:
Vines will make leaves and brapol to pro tha of fresh rootlets, and also without the corresponding oot or brazcha action, provided circumstan he production of either. In the case of an early vinery planted in a raised bed inside the house (without
bottom-heat), the Vines being old and showiag want of vigour, I determined to add 2 feet of fresh soil to the border, by removing the front wall of the spongioles, this being done I found many heaithy removing 2 or 3 inches of the old soil, I found them still more numerous; as nearly as I could calculate should gay one-third of them were in healthy Now the leaves had been off those Vines two months, yet here we have a considerable porportion of the spongioles in good health, and doubtless in action extent than is generally supposed. May not the number of active spongtoles be proportloned to the diminished wants of the plant uatil such time as it is stances wherein fruit trees, bushes, \&c., have made fresh roots in midwinter without any corresponding
Judging MLelons - I have slureys been opposed the practice of cutting every Melon exhbited for com petition at horticultural shows, although when acting compare or such provichons 1 have usually been compliance with the wishes of its officers, who are generally under the impression that exhibitors would not feel eatisfied unless this was done. Nevertheless, (p 1232), in thinking that in a mnjority of instances a suficiently correct estimation of the quality of a fru of it Or why should flivour be the only quality of a Melon, and sgnoring all other qualitiessuch as weight, size, form, colour, \&es? I am grown to be eaten, and that "the proof of the pudding 8 the eating of it, ce. This, of course, is true enough, but there may be more than one opinion respecting a And Pine-spples aro alro grown to be eaten, but judges are neither expected nor allowed to cut them in their andeavours to decide upon their merits. It is a commo baying, and it is also quite a true one, "that there is no palate ios ande, and tho tarsified as any Delicate Spanish girls will slice and eat a raw Onion with as much relish as an English beauty would a ripe Peach or an Apricot; and while Mrs. A. drinks her tea nearis as sweet as sugar will make it, Mrs. B., on the other hand, abominates the minutest introduction q even possible that ugar intorrerpondent "t Canny Scot" (see p. 1232), would mightily enjoy his toidy of a degree of alcoholic potency which might compel the earned Editors of the Gardeners' chroncle to make used to give the desired flavour to partaily ripened fruit, which has little to do with good cultivation, and haral writer, suoh as that referred to in the admission o
the winner of a st prize, who confessed that at the sug the night previous to the exhibition enveloped in mois flannel in 8 slow oven. But be this as it may, there is no doubting the fact that many Melons find a place upon the exubition table whish rre tue produce of the ripening prosess had even commenced in the fruit In conclusion, I thank that the system recently inaugurated at E linburgh was a step in the right and that the knife will only be appealed to as a dernier resort when all other means of arriving at a satisfactory decision have failed. $P$. Grreve, Culford - At the irst exmbition held at the Crystal Palace I exhibited the 1st prize; one for the best scarlet-fleshed, to which the lst prize; was awarded, one for the green-fleshed (the Green Gage), which received the $2 d$ priza. None of the Melons were cutt. The judgment weat by sight nd smell. I was very much disappointed at no getting the lst prize for the Green Gage, as I knew
what it could do, it having theen several 1 Ist prizes What it could do, it having aren several ist prizes being a judge at the Royal Botanic Gardens exhibinon, where it got the 18t prize, said to $\mathrm{me}^{\text {, " } \mathrm{Mr}}$ Monro, that Melon will beat the world; ${ }^{\text {mo, sis }} 1$ had
a fine fruit at the Cryatal Palaco, I folt dimppointed
bitors of Melons were prizy mut all the of and they would see the jude froit about is did. I said "I Fas very glad, zand if my is n
not get the 1 st prize I would eas it ${ }^{2}$. the judges came, cut all the fruit erseth the put the lst prize upon it, learing Ge ten G Were. I don't believe any persong can without he tas
nonsense, the taste of a good one out of the monuth - whem good one, A person that cannot julow
 Melon judping in these columns, a potita settling the vered queation now at inn in No class of fruit, perhaps, is more diffendily Melons, and I have no hesitation in stat ? showing is on this account rendered a
is, indeed, hardly possible to seleot hown from among perhaps tho hundide $n$ is true that the judges are at liberty to ad is true that the judges are at hbory of their uninviting appearance, othesparm first-class variety ; and a third disregarded for other reasons
that they have all been tasted
some being inierior, some good flarour, the mouth gets sad
judging, as I have ststed, the othery. I do not say, howeyer, that then case, for there is no rule without an ater prizes must be awarded, and alt been at various must of some assart that Molons which hy prizes by one sot of judgas and as every man's taste is not salike, prizes? I do the best Alelons ant insinnato quite the contrary
Whas we want is some standst 1. by taste alone is not sufficient, for I hure mal awarded lst prizes at our grest exim ludicrously small that I should base beon it that moderate size and welght, thin skw, thad flesh, and handsome sppearance should hin a rerence over small size. and under some particular course of cultu same kinds in other places are poor and iss nine years 月ince we put ap araly, being very abundant. In this house I frome experience I havo como just gtated, viz, that tho same variots, unda books I find Melon lisks on overburdened that in the case of beginners thing to make s selection of amy how diferent is this from yean pal favourites. But time ch

## should not the judging of Melon of tasting only, change? Edward

Dear Chrony,-Could you no
Gardeners by asking the tastio

## I hope

veyors for the

## when in Covent Gard

Potting Lilies -I can fully endorse at spondent "M."s" remarks (Bee as sooner, repot at once. I have aiwha time. I firmly believe that Lilium groming as I have just turned unine those I distiurbed as littie as possib little of the old soil and shiting all potting is oompleted I place exoluding frost, and then cover the
cocos fibre, withholding water unt say 8 inches in length, and then gra to the light and air of the greenhou is good turfy peat, wit well incarp all chopped up rowaly Well incorporated together. with reference to the time I pot $m$ doubt he will be surprised I do not mean to say that Februar to pot all Lilies. I consider that ans of a fair collection of month of May up to the montb of quently the poting
prefor

Laree bulba for late flowerine. If plants be brought into
fower in the monto of . May or June, it naturally follows

 it wan lue dom with advantage fram the month of
Alumat the mont of liefruar. I difer rom "M,
 get dry Arwin, he says, take away all the knall bulbs,
and "to alift the larger ones without disturbang them is stmb better; I ask, can tho be done without of $\because$ fo ng - I consider that, if large specimens are sumed at, we must have them entire, as we ret much
beter-farnashed jlants than hy tnking the small bulbs awas. In p. 1134 we are told that the stem 15 kept
aliri snmetimes by roots emitted from itself Independenily of the bulb, these ronts sustain it after the bulb nas stoppped its supply. But, in the absence of buibs brlow whech we are told are gone to rest nrer.onsly " In p 1232 . Fe find "M" has changed his
mind. IIe there snys, "for the bulbs of these planta never rest " I quite agree with him on that print.
J imoth, (i to Jomes Biand, Fsi, (Juarry Manh.
 about these bubs, Was to break throush the prastime-
the old practuee-of staring away the hatis in winter,
 vitasy oukint to bave been vigorous. Mr. Sinith
bears me out in this matter Mr. Smith was fortunate in heing in nossension of so farge a bulb of Lahum
auratum when the price kept many- myself for auratum when the price kept many- mesell for
nne-fram purchasing. That, doubtless partialy ex
plans Mr smuth's success, though I do not wish? to detract anything frmm hins skill. I dare say, as Mr. Anvith allezees, that Isliums can, by potting bulbs at
diflitent times, be prolonged in flower to the perior the mentinns : lint there must be no storiog anay in that jimetice ihrough the winter, but rather "nothing on the condition of the soil throuch the winter, or in the state of partial dormance. IIe would certainly the tarm "dead dry", would convey my meaning-a state nf soil where it is possible for anything just to
live and make ronts. That is the meaning I intended to conrey If Mr, Smiths had has pots bursting with thus season (not auralum), he would, if not nollned them disturn als hosh Mr. Sunth finds fault with thas, my m dale proposition, he quite arrees with my last, alone au long as inssible without notting In answer to Mir a iquc-tion respeeting the suctenance of
 Mr, S. 18 wrong in his impression that I changed my
 and are the true meaning of what I said. I sald, "in the falieat aense of the term they dojnot rest. Smir. lin- gisen the public the benefit of his experience, and that he has come to my air in the endeavour to show
that storna asray the bulbs of those plants is wroag, as Good thes journal. M.
Good Gracions :" Parngy.-I see at p. 124 a notice of a blue Viola, called by one person "Blue Perfoction,"
and by another " Good Gracious." Now, I remember the late Innald Tleaton writing very much in favour
of. I beline , this very l'ansy, in the "Journal of Hor-
then's of I Ineliswe, this very Pansy, in the "Journal of Hor-
tene," mome six or seven years since. Mr. Beaton sain it would be the best blue bedder in cultivation,
and it seeme hif words are likely to come true. Mr. and it seems his words are likely to come true. Mr.
Benton also, in his amusing way, desoribed how s lady
sempintence on aemusintance on first seeing it, held up both hands and
ened, "Oon? sracious!" and said, Mr. B. I don't think it ronld lisve a better name." So judging from that, it mu-t hare been kent out under that name and Kinasfon, Bollon Hall (Gardens.- I have recelved so many infuriries during the last few days resnecting the greal a tax upnn my time to reply to them by letter.
As I hefore stated, I received thonaun I have given with ${ }^{1 t}$, and belhered it to be the true one. As Mr. George in me, nureeryman, Fisherton, Saliabury, suppicel it pres. in hotory, and so clear up any mystery reupecting it I have this week bren informed, by thowe sho distinet Mr. Wi.liams, of Holloway, to whom I sent I bave not a plant in blonm at the present time, but
Wilh send one at the earliest opportubity, to the Flora
 f:ownted rariety, and a deep purple. Fis
The Heliotroper and
that Mr. Irtlepe and Carnstion.-I can confirm all strenhnuse or a very useful and desirable plant for fint and grown as a buhb, or planted akanst a wail and trained as a climber. We bive here the back
wa. nf the conservatory at the resenservatory planted with Heliotrope, and percimeas bloongs, it, is then admiration of all who see 2a moring of mnfeother plant which, for pot culture. Trfe, or perpetual blooming Carnation, which for its
fragre, and great variety of colour, is indispengable
forgreenhouse or conserratory decoration I have had to contiaue so throught the w, mter months. and as my
 meanuring frome 8 tragen. a beautinal brincht crimanh Is no mean obiect at this season of the gear, whou
sweet-scented fowers sre both scaree andi valuable
indeed, I think no areenhouse or consers pretensions ought to be without them. Tisey ar equalts raluable to those whin hare no greeniouse at
command, as I shalt presently show. We have a fige collection arowing in the birdors of the kitehen
garden, and many of them have not ceased hlooming garden, and many of them have no
weatber continues mild, I have no hesitation in sarine Weatber chatinues mele to, rut trear!) ng to Christ mas. may state that many of the hndis no so in fluwer in the borders are the produce of a packet of seers Thers-
fore, I would say to atl lorera of the Carnation "set your borders in order, and try your luck with reed or plants." I ssy luck, because, if from seed, all will not


 thon. Hear' hear' Why should they not mect with encourazeluent as well as lie a chrisantustum r display as the they would not make surh a pongenus display as the
latter; but, on the other hand, thelr sweelness and variety of colour ourht to place them in the first rank of sweet-scented flowers. This 1 merely a sug-
eestion; and as I know there are several gmod growerg in the nesulbbourhood of Inndon, jerlanan they wnind favour the reallers of the iarrieners rew cultural hints. Perhaps some one may turn renured How often, howerer, do wn see themine nexlected, or mot propery pared for in due brimesing this numpis. esteamed flower into more general rultivation, I shall he glad, as I feel sure it will woll remay a little
extra attention It jx encouraging to see plants grown
 lioward's remarks on this sulject in our last and present Number. FDs 1
Conifers an South De
men of Cupressua Lambertisna hare here a speci an feet round; the grenters distamee through is 33 feet and the E.rth of the trink 1 fept 9 inches, the latter threr nieqsurementswere taken at 3 feet from the ground

 The above have all beon planted sbout 11 years, and are out, and forming fine pyramids. Of Wellingtonias, I may observe, that, aithough we have upwards of 40 to the grounds here, I notiee but one of them prornemg, think is somerbeat unusual in this country, at least in small plants. The Cupressus Lambertiana mentioned has, at the present time, some hundreds of fine concs upon it. Those Wellingtonias that are in rome degree protected by other trees, sic, from the sastant), present a far more healthy appearance than those exposed to its full action. Pınus msignis has proved nearly a fallure, heing subject to the rarazes of a prub, whell commences its havoc in Juoe, and completes I do nnt remember having noticed it in noy other part of Enaland to such an extent, I shall take the hberty of forwarding for your inspection some of the sttacked shoots when it conmences its actuve operations again. It is completely ruisung the Pines at many places in South Devon. I may also observe that rery exposed remarkably woll here, 20 feet hum, 111 feet round and having a bole 6 feet in circumference. It forms a huge compact bush. Duriok the past autuma ore wellgapened fruit, John Farey, Gr. to T. Alleard, Evq, Ifermosa, Tergninouth
Cedras Deodsra for Timber. - Accordinz to my expe-
 umless an vers farourahle situathos The severe frost in 18,0 and $18 ; 1$ nearly killed all the finest specimen can only be depended on to arrive at timber size in th
sheiter of other plantations or theee. I bun not cortsin shelter of other plantations or trees. I am not cortsin
that its timber fill be of mueh value either in this
country, unceas it is grown slowly, like the Larch and Sco
yes Horticultural Soclety, from a tree nearly of timber stas, This tree tras origmally gratted on a Corlar of labbanon, in $1 \times 3 *$, from a branch taken from a young tree rated from the firsi speds itham Bentines it anest a very sheltered corner in the park, on a sandys soll, and whs abnut ${ }^{2}$, feet in height, when it was trasplastei to shrubbery, where the situation was the severe frost so This was in it that it had to be cut down The alah was taken from the centre of the tree, and khowed the

Where they had been araftad was cashit momen, for the l) rolar gortion wan thicker, the bark rougler, and more


 colour and lexture, hat the Ilacolse wat 11.0 kn itiont

 iribe is soft when voung whil the flatur ean the momnace, and it is sofler than nily of them I hare racently
 axn in a shawer, and the tree weotbent in be down 17 the slomernat possible time An semen ac it was felleed heart was amall, and not mach harijer llan the other There was bitle or mo rewlo, no par oephble nerfume, and the wood in grata and qually


 1) modar thromghout mot prortsona of Eingland. 11ero (m East Aqulia) it grows rery rapidly on kyod sonls, and with moderat eare but I fara ita timber mas) be of but hitle use after it is grown. Sull tha tree is hughly ornamental, and splendid for hiding feathered zanse, Whise its weeping and droopsing forms geves it a pnecial value in the eves of the artistic for parke clumps, or home seeners, and every jonsifzon where beauty is held to be of more ronsmpa nener than utibty-the effect of the growing tree more higily prized than the commercial value of its timber-the Buat the mere timber grower for nrofit sthould tight shy of the Deodar, lest hus profits should be conaumed in the billetg and faggots of mere tirpwome that wall
called timher trepa ohserrer 1 of tend with great in-
Yollow Bedding Plants, - I hare rend with great intereat the various papers under this heading, bue many very little gowl has been derivent fomm them. There Culemonara mast stlll be art open plection Nr. The attor has been tried ofer and weer Lesith, hat hat jecto, auch as the GEnothera, introduced by other oorse
spondente, what ary they compared with the defigitful yellow and glowing effect produced by the Calosoappontment with the Calcealaris, if proper paici were taken with it at plantiak time The soil in the rotten rotten alablemanlure plicelist the botmon. Innd thenl in Middlesex. T J' $T$, Thornhill Gardens, Fork Tobsce Free of Duty - What we want for horticultural lises is a goor strong and cheap mompound of tobacco, prepared for fumikating all kinds of creen housas, Thiswe want, free from shl phur and gressy
matter. If the louts-free Tobacm (ompany would preyare a mixture of (syenne form w.in k.ains or rough chopper tobarno, chat would mould deateo al of the mixture for all purpmes, and mould destroy al kinds of inserts without sjurng the resenue. fore gatiug. Tobacco-paper, if kipt hom lonza, becor Cess. I should like to hare the opiniong of others on this suhyert, and also to beat what the Ihiferree Sobacco Complany has the fistems. Elmham Hall
Chimonanthas grandifloras - I herewith formard for your inspection a seed vessel of Chmonanthus crasi-
forus, which has fruited with me durme the three last soas, w, although the seeds of the pert senson have not
come to perfection, owing perkaps in the ursemial come to perfection, owing perhaps on the uusenial
spring. I have one fruit much larger than lhe one
sent, whin l have not openel. I have naver observed
frut upn the c'mmonanthus jramor, althoust I have fruit upon the c'mmonanthus bramor, althount have
been nequanted with it for the lan ten years. Rastie,
West hrat.

## Forcign Correwpondence.

WAsmineton Pant, BROOKL Fh-This is only deserves the name of spark; it is in reatity nhat may be termed an open town apeoe or public Bquare, and it attention to it. It was once catied in the very heart of the city, and it is for the most part elesaterl aborn the adjosning land The rise in parta ${ }^{4}$, indead, so considerable, that the surrounding butidits are orerlooked, and interestine views are what ts called the lower bay, bringang thomerer varying scenic incidenta almost within the linhis of the pirk. whioh is most captiveting to all who seck the higher level of the "Greene" on a warm summer"\& day.
and pure air, combined with extendel and varied
 popular recreation than can often be attompted in popular recreation than can often be attompted in sought to be obtained were ornamental grounds in connection tith convenience for public meet-
ings, or for other incidental purposes which
bring together large crowds-requinments bring together large crowds-requirements essentinlly dissimilar and difficult to incorporate in grounds of limited extent intended for popular resort. and that too, in a very antisfactory manner. For
refreshing purity of air aud beauty of prospect, the oentral part of the grounds is the best, and that portion ground has been devoted to publio assemblage accomgroundias been devoted to puble assemblage accom-
modation, spang leint
afford easy standing roorn for 30,000 periently large to aford ensy standing room for 30,000 perbons. This
ground is payed, and is provided in the centre with
"rostrum ${ }^{3 \prime}$ for publio speakers, It also offers a conrostrum for public speakers, It also offors a con-
venient site for concerts, and it is sometivaes used as a
drill qround. The whole space can bo brillingtl venil tround. The whole spacc can bo brilliantly
drill
lighted, and while the park, properly so called, is
fenced round so as to bo olosad ationght, this is left
open. The interior of the enclosure immediately opposite the "rostrum" has been the scene of qreat
historical events, and for many years has been used by the citizens of lirooklyn as o place for patriotic
demonstrations. A "saluting ground" has, therefore, bean formed at this point, and as memorial monument for the "Prison-ship Martyrs" is they are entombed, while with the interntion of securing to visitors an agreeable wall in the imme diate vicinity of the square when the gates of the enclosure are shut for the night, the adjoiniog side
walks heve been increased in width to 30 feet, and have Walks have been increased in width to 30 feet, and have
been ornamentod with a double row of trees. Gates are provided at the various ancles and in the centre of each side. I may likersise and thet special prominence 1 given to the angular approaches, which have been they may present a more agreeable effect to visitors entering the nark than they otherwise would do, and
also onler fachintieg for an easy turn in connection with the exterior slle walks.
In the enciosed plessure ground broad walks are so laid out that the whole space is thoroughly traversed by thew, sut turned to account, As has been stated, the has been thourslat denirable to arrange for a nearly les a lawn of con weratic cstent fir boys, and for another children. The undulatiog ground has been somowhat olosoly planted, sund is laid out so as to offer a series of shady walks that have outlooks over open grassy spaces at intervals. Abouthe centre of the park there is to be sorve to furnish protection from the fierce rays of the sun in hot weather. One arm of this ahalter connects nuent department, snex $z$ third with wn observatory, While a fourth commands the most interesting view the property. Taken algetber this park, when oompleted, will, considering ite size, form one of the finest public pleasure grounds in the garcienesque style anyHow to be found.
How desirable would it be if the centre of London had such an agreeably hid out open gpace? It is true ground that is to be found in Washington Park; but by raising mounds artificialiy, and by meang of skilful
planting, much might be done to relieve the flat squares of London of their existing uninteresting monotony, Abrye all, our sguares should be thromn France. Outsiders cannot be expected to take interest in them until that is done, and that they would then take a incly inferest in them and thoroughly appreKow Gardens, and in tome of our open spaces nearer tomp, in which the flowers and shrubs receive but
triflung injury. "Liberal hands make many friends."
 the matter earuestly in hand, pull down the ullaightly
raimnis, and let the pent-up ohildren of the London
poor enioy a ran on the groen sward, amid trece and poor enjoy a ran on the green sward, amid trens and flowers, as they annually dn, during the autumn
months, im the Temple Gardens. Then, and nit tiil
then, will our Touron squares be a public benefit.
J. Newton, Orford Terrace, Hyde Pare. J. Newtan, Daford Terrace, Hyde Park:

## Societies.



nical resources of India, I may notice that the Cinchana plamtations in Bengal now cover 1000 acres, and those in

 Hio mursorids of Britain, without a spectal missiun to the on his return to Indla, to toke out airty plants al tained in
Europe. This introduction hins ucen forced on $G$ verminent by greatly fincreased prico of the drug, which now selle at or, per lb, Sreme of the gasd prico of the drug, which now selle at os. per to,
of the completion of operitionardenera, are sratiahie for the charge of











 Bengul. Mr r. Simth exhibited speoimens tllustrating the

 snecmens had beer collecterl by the lato Mr sitonc, and dis
tinctly showed tho parasitic inrva with ite head immeraed it the not hody of the wasp arub, which was sucked fry in the
courbe of 48 hours. In one inatance a pupa of lihipiphen wore stunte.
Which a parnsitic larvi had not sucreeded in killing
observations on Ituria to the sime effect. Mr Pascoe exhit Ited incus ling a species of Ifelenalia, coveren with beetles, however, convirfered it hi.ybly lifetimbtf Ml Whether thallace Mr. limagra cxlilly regetahle and not of an naimal nature. Fwhestinc, and Mt. Dairy, un maiber of bematifully prescrmel
 otx apecies. Mr lates read a paper containing descriptis no

 sumnimotisly regsurded by the mombern preeent as having been reared,
from abrialt,

## of thes

## Notices of 3300䋨.

Dottings on the Rondside in Panamas Nicaragur, and Mosquito. By Bedford Pim, Captain, R.N., and Kerthon: Scemann, Ph.D., F.L.S., F.R. (7.S., \&o London: Ohapman \& Hall. 1809. Pp. 469.
"On April 4, just when the morning star had announced that dnwn of day was nigh, two solititry horse-
men on muleback micht have beon seen slowly wending men on muleback might have been seen slowly wending
thoir way throuph the suburbs of Leon, snd their Clistus and Pine-apple frnces. It was yet too dark to distinguish their exnresqunn of countenance, but julg one of thers pas whistin plased." We seam to have read something very like this betore, probably in one of our rold fricud Mr. G. I. R
travelers, no doubt the whister, whe fhe
and the other was IIr. Joha Holman,
miniag oaptain of great experifacs and bound east from the Peoifio conts, for the lith parder to ascertain the value of conta mind yong be to purchase the best of them, In the hen
(Darch to July, 1860) devotaid to this our two travellors explored the districtis in on
Pacifig side of Nics Pacikig side of Nicsracius prety thomen visited, they sucreuted in purchasing los it
on whose behalr they were oupared, the min gohd and silvor wiue of Jarali in tha
Cbontales.
Javali itself is about madway betwean 0 onns, but stands on in stuall branch of the river, which Lows into the Atlantio tho
same pame. The nearest tom is derived tits name from a grog-shop when lad liberty to do pretty much as he liked a forest stretches away in an unbroken lim
place, and ia its oentro is the very protect mino.
Dr.
Dr. Seemann has long sgo onmod hit ${ }^{2}$ mosetigator, but it is very evident from the or jottings are certainly fesciading yelit. all going on around him, and knows the whe facts collected in most parta of the wornd m tha power of putting his ideas into workidina and pleasant, if somembat abrupt atgh N botanist eolipsed by the practicel man qut
contrary, for whan on l'en a Blanco thatheth peak in Chontaler, he found that mas du had been destroyed by fre, le tell's usthat "hy
man who had kindled tho fame was wide min somewhat astomslied wben. instosd of rim. qualified praiso for having cleared the nier, yt was fortunate, standing as wo dide anther Juo was someryat mollified by my onverats fine landscape which he had, as it wets arre of the volume on the mes boatiered varions districts, and on individalnow of nit somo of whioh have been glrady quoted pournal. At Leon the yords of peleas in thar gardens, where one finds a few Plantsin, Onva, Cockscombs, Gourson and Mango trees, whel sad Polianthes tuberosa; highly-sgented form grld to be those most chilivatrou. Fated ben grld rebion many plants win fine sheces of (ingluding besides the well-known C zsorn of Cisous several new ones), fa floners lublu by me into English brighe sosid sererar lum and Aroides. But the finest of these is the (See Gardeners' Chronicle, p. $655,18 \mathrm{H}^{1}$ ).
Our authors views with refarance is "po Bcience are worth notice, san may be gation the following. He says: ylike your correct, and youl need not, in my opidon, be of whatever form you may choose to employ instruat.". Whilat wo heartily recognisg of truth in this sentence, wo mast on protest against lts furthest applicatiou. not laneuape better than Dr Seemang, try to do 1 t . Though one may o struck with the ease with whict the diconsciona pile.buld-ags, on that extinction of racas, on the native countr Hut, This sort of writion is natural to him, and sad merely popular naturaliat oould pen. eemann lahours to be over-condesconding to bis
 in wheth the elahorate verbal cientic rasuly and
Wa shopld not bo piving s fair vien d ${ }^{\text {and }}$ ? many parts ware we to omit its bumpher amusing phal
 my Pen in hand to address yon in theal loping when it Reach Gavour if inu mondlet mol. Iwe somsethite
 pothing at ill, sir, 1 r amt th the ('hajn
for stealin, for the IInly Bible aisy in tb be surprised at hearing that tho tex interesting convict was complicd with? following religious tale eridenty foses all telling: - Whaist at lreaklia! steadily gazing
by the information that his brother An could do was to assara him that In ont hear it. But couldn't you do anj thas direct influence in that quarter, was my reply to you have, the stranger assured mo; I sa
ymir git the afere teals inwarde mayine the cost." Of renser if in mint the donor was afterwards of ( P inem Itast in in, enty reice ed a thirst! soul.
 jhe is ym factrand Mme an ther, so that when the
 in the the r clame He ts so neil ktown in cmpinettin 11.: the development of Cestral Amerien that it is xarcelt umecesary to say that his cha; iters are full
 drawn to tine varmus palitieal irents wher hase mo tres in on netion with liriz Tomn asd blew-
 Mate : 1 ...s r, dos shown in the applicution of the pmit ! "th Itr clues he louk upon thu " irrepressible supmenar to, the white rares, to bo indulged to the utnmes nis er ery npportumty



 Kite of liazu.t Th, \& minnerh, haterer lit de known
 resalts, wiol; wort if if his raik. He is bers sintims




 that sterility ernatantly increaces. In Mosquisto, we
 h. k matiality to the hotile, but he chawed a self-emntrol in tha a respent, remarkalde in one of his reep during fation lim having repreamted to hum line lad

 Bliwhens river, by which he determined with certainty
that it wis navikable for fos miles from its month-sind in lir Sarmann's very well-digested anf instructive
 conn ctiri w'la fine hatt r we may aloo draw attention to the © 'antite lis of bome atd grap cre, arranged in whi h must be ni very crant service to all interested in thp risequered history of those countries.
the matter not rery eftisfactorily arranged together, or remember thit it does not nrofess to be more thust recomion of "dottinge" We have no heaitation in an immen-e ammunt of accurate information on the hatory, topmaranus, ell namogy, apel natural prombuctions amusina a style that we fancy few persone wili commenos reading it without finishing the volume.

## Florists' Flowers.

Prime timplest way of retting up a stock of Tref or
 edges of fons in Feoruary, and put thom in around the monid, smond sazed pots, in equal parts of water well, and pluage in a华隹Le bottrmand heak, then water well, and plunge in a pote, and replace rooth, pot them off ancly in ? thet potablathed, replace them in heat unt 1 th; place on a cold frame until April. it tuat :me, af geaund, which has been well dressed with ane in mpet. 4foot ee, and trenchril from 3 to 3 feet deep). Place a 20 that tho to euch plant, gnd koep it resularly tiod up meddrof Scytetmer it will he in a fitstate to pot into too phats must have a knod waterink, and be placed bead trine a day is furtnight, beloy
them in the eethe plants are erein established, flace Storm in the einn on a bed of ashes or bearis ds annm once, but quan tham plenty of air. Thry shatld
 heat on 1 hem manture, which latter, $\pi$ hant they are delight in be.bg plunged in sweot dung, an as to keep pot, and orat and will romt through tive bottom of the porman orer the top, Occasionally dissolva 1 oz. of with this solutions. If the plants are un a healthy
the coupse of a few days, after earh watering with the animoma.
1 heme to be abic to e en tril thenarace of a number
 of se things that has jet coman nutur Tus notice helomz to a private centleman at Arundt, who de lumer to
eirculate them tu the trade, hut who siven to his friendwith a very libera, hand Mont pertice who bate travelled belween Arundel and 1 ortateg, at any tome Charlay in the whatows and eardens at (roas Bush $W^{T}$. Momard, Ba hita
 ment the remark made at j) 115 by the facurang mertes on snme of the noveltos whith have litomsnmed then mar mong and anseng which newar some Japanese variet ies first, one of the most strikingly diainict is named Colonel llemery. In this varzety the thower-heada form a semiglobular open man of ntrnight stifi, long, narmow, strap-whaped florete, and being of a
deep golden-yellow colotr, ther are oxcoedingly fow



 rirle deep elisanut-red, and to flower-heads very fuli and fringe-like (ribrices is another fine large sort "ith the flossnr-hads formed of long loase firets
 culcosing, wil h are dr t.e ia zuastions. in them the A brele nep tubular at the base but cy lit open at tho uppar end, and thes form inge, lonse, and hagily
 In the entre, and liab Rs, werg datmet as to colater
 Whah rel, and the flitemed erpindend piate, whelh shory Inct. the coloura zrevalent in the widd Ifoniysumple We hare also to nothee twn add.tions to the nes Anster of a pale yellose lune, sultuced withatint of red, whela leemmer morn pronouned in ago; and heyerbeer, a molium-sizel rarsetr of a male roay tint, loghter
thwards the centre, and remarhabla for tho breadit of


 dotinetly white-erlged eaves, and deep purple floweraro well-contrasted and plessing.

## Garden Memoranda.

Mfsarg. E G Mpwdfran \& Son's, WeylingTon komD, st JoHs a woun,- Thas is one of the and especially so in regard to heuding phants, of whatever kind they may consict. It may alsin faitbfully be sald to be, not the birthplace of, but the "nurspery" from which the propeers of that now unswergally first introduced to nur eardens, where, he their mark ings and colonr thes lend a charm whind is juatly apprecsated hy all whin pinseses a tacte for flays ui, iure. trial erounda aro well werthy a risit, for heer are to bre seen the neweat vandidnted for hedrink-ritt honnure erown sule fiy sude with their more esfablfuncd rirals Tniortunately nur wist wre mado somewhat lata in the season, for already many of the chomeat planto bad heen rut up for atank. Amenger golden-follaked plants, the Fuehala has been masinz perhapanlow, but stpady prozreas in making ita way intn the summer horcuers Aready several yord netn tims in thes way have ifenderson mosesess, st:11 further ,mprovement is per Tressure Tressure, frolden Mamle, and Crown of dewels, are


 cinters hr Mr Gitwon. whan adrana the norike and sutghle for they purgnen there io heren a tine flimition
 form of intirrfinime named Tum Thumb, witi natage splinew flemers. Tl: ica telmme ardition 10 a prefty class of sutumn fowering plante whict, aro masiy

puked ont, whiod metren tho what tovene drant and hasly, and preatiy inpurotas its apperamese when












 for miging, in the Arhullen umbeinla
 named colden Bladider, a dwarf compact enower and profum blonmar: a gond variety for asomouting with


 and Sath, the lormer a helies, ani tumper or lese for nearly the whute rear, also a reudishmore or lek for seariy the whete year, alvo it reud
Ampenkat tarly plants wero fine litile specimens of - motomertia refento is much negleated grawful-
 vartepuled variety of Chinn. Prot, estutitul planted en manse (billola prosi rata, a capital ubyect for rockwork, an 1 ans tor hankimy baskets Hodranges pana enlata Rrall. . Hora, s fime larue free-

 whe of the antumn meetinge of the foral Commatien where its merits wera talged worthy of a lirat-clas:
 it joparsass the disirable qual.ties of hardinase and
adaptabilyty for forcing. In a collapt on of hardy
 abtaned from lonogal, and krowing wers froels hare the is snid to be nisere free in growth than the Seotelh
form of the same grenpe The homse ver numerona, and are buit on panom-


 fillod with Caladuuns of almost all forms and shades of of beat mod zoiviture for ita suoco mul krowths is
nevertheleas admirably adapted for pouping with neverthelees admarably adopted for kroupink with othar plants in warm greenhouses, where the bold
 in summer when really gowi flowerme plant aro at a dremount In a amt ant wely लmot damp honse, containing princjpaly (alt.eyat, were several pecimena of jenjrobium rarconesi, thrivine atid looking remarkably well, and tir rare ard beautiful Cattleya lowsana, with mumerona fine flowers. In nother house was a very hamisomn variety of mondrum Paydion, and a arge specmen of the magnificont (ilormas superima in flol blown It is thought that
 grow in than the sferyan in gheriam in penernily spen. Cobama pendulfloza sa vary distomet, having dark areen folsake, and proluring beslochaped flowres, with lonk, wavy, greeninh-white mekmonts Another plant of shiseh littie 16 known in this country is a spacles of hiunatorsum, nareel pracilo palorathm, which forces well, and rames into fower about Christmas, producing Fweet-scentems white flowers. it is said to be jargely demand for wedding bourquets.

## Miscellaneous.

A Fruit and Fluwer Firl - The $\begin{gathered}\text { ar howing fis }\end{gathered}$

 mont at kinghtshrige, for the button-holes and
bouquets of the day. The yellow Roses rre eight monthe








the Eucharis amazonica, Stephanotis, Jasmines, Carnations, Picotees, Neapolitan Violets, Anthurium
Scherzerianum, Orchids, Camellias, Heaths, Lilies of the Valley, Myosotis, and double Pelargonium. Perhaps no flower does more service than the Bouvardia, the white for bouquets, asd the red for button-holes. The Anthurium Soherzerianum is a very favourite crimson, os the fower fades the horn grows larger and hardeas, and becomes the pouch for the seel. Maiden-harr, and the Amazonian Lily (Eucbaris) is first favourite fo ladies' back hair,along with flowers and Ferns. We found a plant of it in one of the houses, with fifteen spikes and seven flowers on a spike. When it is rifled of these treasures it will rest till Christmas, and then take the place of white Camellias, and writh rest it will flower months, and afford a nice autumn white flower; and F'orget-me-Not, blue Hyacinth, and dark Myosotis have a heavy run on them when the Oxford and Cambridge anat race comes round. Thujopsis borealis alba takes jost part amongt tho white division all the summer, and in winter the "scot yellow" Picotee flourishes or single blomm in their button-lole. Whereas the Hest-ersde
Magazine.
The Tyranny of Gardeners.- In an article relating to the Royal Horticultural Society's Fungus meeting, which appeared in the Echo shortly afterwards, the Writer and knows the fer things necessary to obtain a double first at Oxford, or perhaps to take a share in the goverament of this little State, indulges himself in the dream that of this leisure hours, ferw and far between, may be advanhis leisule hours, few and far between, may be advan-
tageously passed in his own garden, amid the foovers trgeously passed in his own garden, amid the thovers Whinch he Over, aibeit he has no time to cherlsh them lrecincts. Perhaps lie is audacious enough to keep a in-l]; but ouce innide the wall, he meets his master.
Tue gardener approaches, courteous, though somewhat stern; and the gentleman rouses himself to make some how soon his little light is extingurshed! How he is now soon his cinerarias, and brought up short wit C'alceolarias, and extinguisted with Scolopendras each and sil of them having another long name tacked on to its tail. There is no use in talking about wishing this bed here, and the other there, or pleading for more
sweet flowers, or asking what has become of all his old firvet intwers, or asking what has become of ail his old las lips with a mouthful of uncouth sylables, to which it is impossible he can attach any single idea. Then lo learns by degrees that gardens are not kept for their ostensible proprietors, but that flowers are grown to be exhibited, so that the gardener may obtain prizes, and
three-fourths of the fruit is pluoked in the blossom to nilow of a few specimens attaiaing gigantic size and boing sent to a horticultural show, to be eventually
 Palm (Bactrss (aswat's) grosw to bio, or even 90 , feet
ligh, and are thickly armed with long prickles. The numerous curling and droping leaves rarely exceed 3 feet, and they have from 50 to 60 leallets on each side, alpgregate by threes and fours, and pointing in all
directions. The fruite are massed into large pendulous rorymbs, and if from their size and vivid colours of yollow and red thay may be likoned to a well-ripened Peach, in shape they more resemble a hen's egg,
altaough usually rather more conical. The thick, firm Hest $1 s$ mesly when cooked, sorething between a
Potato and a Chestnut in flavour, and guperior to $r$ ther. A seedless variety is common, but the fruits are much smale er, and contan no more edible matter than those that have a stone (or endocarp) in the centre Fo Spruce in "Journal of the Linnean Society."

## (barion (1)nerations.

## (For the enswing woeek.)

plast houses.
A Mongst the mubjects which will now come in nseful to maintan the display of flowers are some of 1. aulica. which, when grown from geedliaga, affords
so many shades of scarlet, we have had in bloom some so mayy shades of scarlet, we have had in bloom some
titue. The vareties to which I more immediately
refer are A. formosissima (the J Jcobraily), Lily splemene, A. Brilliant, and $A$. solandrafolia, co. Too insure heat may be afiorded. As it does not often occur that
the oparator has a niee, moderately dry, warm bed of heng so moist-perhaps the best place for them would be upon a board riacel elther upon a pipe or a flue or
other fixture near them. At this, their flowering period, moderate waterings only should be afforded, .nd if short, aturdy flower-stalles are required, they
nurt be kept in as much light as can bo admitted to them. The lovely Schizostylis coccioa, if it was turned out into the border during the summer, and potted up a month ago as advised, will now be bloomung freely, and will contınue to do so in an open, airy conservatory or greenhouse for some time to come.
Keep the two speries of Tropcolums-anmely, pentaphyllang and speciomm-if grown in pots, sonnowhat of the somi-herdy shrybby priod, Some varieties I. Andersoni fol., ซar, ac., will also afford a very gay they require, except occaeional waterings is to neep damp from settling upon their flomers. However severe the weather may become during the
ncoming week, "be particular not to encourage too high a temperature, which many are very apt to do
when they have fires in full work. I have frequently urged the desirability of covering up all houses during severe frosty periods with mats, or any other materials Which may be at hand. It is astonishing the amount
of both labour and anxiety which is saved by this sionple process, especially to the amatour, who may have many other things to attract his attention apart from gardening. Besides saving fuel, it 18 far better for
the health of the plants. Should the frost at any time -and the wonder is that this is not more frequently the case-take hold of the inmates of any structure, the only remedy. which the amnteur has is to increase the internal artificial heat at the earliest possible moment, watching the thermometer in its upward tendenoy uatil the freezing-point is reached, when between whiek point, i. e., $32^{\circ}$, and the next degree, $33^{\circ}$, let every the frozen parts. This being done, shade them well from the sun, and do not ailow the temperature to be raised for the rest of the day above si $1^{\circ}$ or
should be aiven sufficient to dry
up the excess of water which his been expended. Let the temperature of all greenhouses proper be now reduced to as near a mean an upward tendency of some $8^{\circ}$ to $10^{\prime}$ must at all times be admitted from sun-heat, wholly apart from any aid by artifioial heating

## FORCING houses.

Those rineries which are in preparation for starting between the present time and the last week of this month, may now have the necessary amount of This all materials placed on to the outside borders. ranted. To delay this operation until the inside is being started is, to say the least, a mistaken idea. Be careful not to let those Vines which are actually growhag have a night temperature exceediug a mean of of vene, and and $6 t^{\circ}$ or $62^{\circ}$ by day, if severe weather supersuch a maximum. Those persons who may be just startiag their vineries should not allow the temperature to exceed a mean of $50^{\circ}$ by night, and 55 by day ; follage is produced, when a somewhat modified humid regimen will have to bo adopted. In regard to panes it will bo necessary, should severe weather rature down to as near $00^{\text {a }}$ as possible. Be par-Pine-pits ise mals protective coverings to all given above. Give as much air as possible to all Peach and Nectarine trees which rasy be in flower, and have recourse to artifictal fertilisation. Do not force Cherries $44^{\circ}$ to $46^{\circ}$, bring the bloom buds forth very gently, so that as much strength as possible may be given to introdiced. into Those Strawberry plants Whioh were may now if oly prcing or vineries a few weeks ago, may now, if early forcing is intended, havo the pots
plungel inte bottom-lirat of from tis in io. lieep the roots may have a cood start weok or longer, so that

## thardy fruit garden

Bush fruifs, such as Gooscberries, Currants, icc must now be watched to seo that the birds do no blackcaps, I have known sparrows to strip the buds rom both Red and White Currants at a dul, hard twist a few reels of white cotton conspicuously around the branches

## hardy flower gabden.

In continuation of my previous remarks upon Mardy Climbing Plants, I will now allude to such spaces, with less rambling erowth than those previoualy referred to, and amongst which the best variety of Magnolia grandiflora stands pre-eminent. Escallona macrantha is another very beautiful glossy-leaved evergreen, bearing a profusion of red flowers; both these Cotonerster Aimonsii is a very neat foliaged plant With bright rell herries: next to which, $C$. uta-ursi
 he winter -that is, if not consumed by brids, who like
hem much. There slso cxists a white-fruited tarietr Two or three of the well-known Berber ries, if well
trained, male very pretity objectg for wails and the Mahoniar (B. macrophylla), the Japanesa evergreen varieties, B. japonica, as well as $B$. dutcis, \&cc., are all
pretty. Chmonanthus fragrans, though leafless, produces very fragrant blooms at a season when they are veryacceptable. Fi,pothin cirinissimn will afford a very pleasing var,ety, whilst Jasmonm nudiflorum enlivens The Box-leaved and the azurean varietios of Ceanothus rom Mexico are now seldom to be met with, though they do well aganst south walls. I would part enumerate, by the way, Lonacera aureo-reticulata, Artziolochia Sipho, a fine large-leaved plant for poles or attached to verandahs ; also Dioscorea Bratas, for a like purpose; the Parsley-leared Bramble, and to those who would not grumble at a Japanese variety of the Iirginian Creeper is a new rather more compact in habit, with more colour than the old one. Then for minor fretwork, such ss for fire-screens, to embellish the base of aviaries, for fire-screens, window-gils, and every place where a
healthy, thriving minute oreeper is a desideratum,
(here 18 Veitch's miniature-folizaged Virgimint
 the way of Clematises, From C. Flammanda, figured in the "Florist," the largest, there and shade of colouriag which thin most fasp
oould wish for: whulst as ad azure blue C. John Gould Feitch - bhowed mie evory parden. I must leave other subjuccta of mone for a future time.

## kitchen garder.

Continue to collect and store fallen legre and place any fresh sonls upon beds or bonder fortnight's supply of Jerusalem Articholo obtrined during severe weather. TF. $E$.

TOWN GARDENING
Trocail the Chrysanthemun is plant, have known a lopg and hard mont maken up, and laid in by a advise that ther ${ }^{\text {man }}$ sort separate. They an then be eanly protected from frost. The borders will then be ready for a winter fallow, which is nf pratio
It will also be advisable, where $F$ yaciuld bulbs are planted in beds, to co of cocoa-nut fiture or tan 2 or 3 incher min heavy showers of rain or snow a covernyof mat covering should be nearly all if the fart buen as carefuliy as possible, so as not to injur the the leaves that are coming through the growd the covering is sulfered to remana the foostalan flowers. After this they should be proverth heavy rain and front by mats thrown over homp placed usway in the Hyacinths in glasses that an fight, and a few more lirm roots placed a arap, 3 biet at p. 972 . Tuis will aid in keeping up gucsa they come into bloom in the open air.




Notices to Correspondents.
abu

smithneld Catio Show.-stand ss, in caftory,
 S. Mmput hamar comiany.

## Eng ${ }^{\text {F }}$

Trimatat noe ymonent coan



 $5=$
 at ont it mpatr, en, WhLehali Placo, Loodon, s. w. 'HE LANDS IMPROVEMENT COMPANY.-











## ©

SATCRDAT, DECEMBER 11, 1869.

A riny interestmg agricultural week has mgiran its snnual enjoyment to an unusually
large number of risitors. The Smithfield C"lub xhow has been hardly equal to its avorage merit. Lat it has been more attractive than eve and mmmenan erowds, including all ranks, from is yal IHghness the PhaNe or W MLE
ownwar is, Lave throngod tho Hall since Monty last. l'iobably the finest classes of the live bock department of the Show are those which, br thelr genoral utility, must stand lowest o he memeral reale The I erons among eattle,
und the South? * 18 they ever were, but neither Shorthorns no ferafonls, on the one hand, nor the larger 3. Framed and long-woolled sheep upon the other Gre so well illustrated; and the first-prize tramples in the several sections of the Show are certainly inferior to the "senior "tranglers" of past years. (rood, nevertheloci of the IIall have been, wo believe the specmmen of farm crops in the galleries are The twores wonderful of the two. A displey of Mangel Hiutzels and Cabbages, in whiak almost wery seelsman seems to have found with ease abundant instances weighing from 40 to 60 lb . 4 -piece, 18 surely an extriordinary thing. Kohl Habi, too, on several stands prove what a capital nd useful crop they are; and specimens of the of unusual excellinnco carrot, and l'otato cropn are unusual excellence. Reports of all sections,

Thin Innton Farmers' Club held their rneeting on M nday v.vening, and heard Mr. MLas!en Antm Mot sereral clauses of Mr. Chinte - Farm n h. In R.cultural, Society. The paper wat not thinute and outspoken as so experienced a nd the thight have been expected to make it Pliscurnve and inconsequent.--The meeting of the lientral hamber of Agriculture, on Wedaesrepirt, and ntself to the reception of the Council Th. h, last week reference was mede to the gubject u-cuasion.
The gemeral meeting of the Royal Agricultural Sorlety, on Thursding. was well atteuded, and, antrira wifections to the horse jumping duphay in pirt, hlar, the Councal were heartuly gratidited on the two prinelpal erents of the past - the remeral meeting at Manchester, which been in every way a general success-and

Secretary and Editor, which has been equally fortunate. The current number of the Nociety
Journal is the first whih Mr. Jevins Journal is the first whit Mr. Jevmivs has as affording conclusire testimony til his fituese for the uarted oflices, and to the wisdom and goodfortung of the Council in appsinting him to them. Among the other subpecte which tho annual report of the comecil rames, is the offer of a pmore of 10 on, for the lest cultivaterd farm in tho Oxford district, at tha next annual culutry meeting. Mr. Mims. Mish laulnff of Oxford, has the ment of having inamenatel this form of premium, winh ran hardly fail of boing an aunual feature in the procending of the sucioty for the future. The comeil nuld their 0wn sesond parza of 307 , for the second bent competing furm: and we antacipate e most interestang competition.
Wa have just received, by the kindness of Dr. J. S. Brlcifola, the volumo of Reports on
 Srates, which 18 in matiy pando of y 11 futll of intereat. Wo shall cominne our oblansthons at Ili-elfocts of Simutty ('orn on Cattle," not only because it broaches a subject whech has heon more than once discussed in thin country, but on account of ats bearing on a puyzling case which came under our own notice. The corn in question is the Maize; and it is subject to a kind of smint. which is developed to a sizo and extent to which the smut of our own more usita! rereals bears a very small ratio. When, however, Mura has been cultivated on a large seale, as southern countieg, the smut (Ustilago mayidas occurs, as it does very frequmbtly in the South of Europe, en illustration of nhich will be found In the magnificont work on the varietics of sinco by signor Boxarot's. It was fund in sereral denartments of the United sitates that considerable mortality occurred amongut cattle turned into the corn stubblo, if wor may uso the bent gatherel but where there wer diseased ones affocted with smut: and it was mpposer that the mortality arose from "smat
in the comfield us which the herd rangel." It in the comfiold us wheh the herd rangel." It
became thus insportant to a-certan by exper ment whether the smutty parasite had really any effect on the health of cattle. Dr. Gamgere, therefore, whose assistance had been secured by the American Government, procured no less than 42 lb . of smut in excellent condition, and gave it in large doses for some time without deranging the health. It is, we believe, well established that a cutaneous affection, called Pellagra, is common in Italy, where Indian corn forma the staple of food; and pigs and other animals fed on it often lose hair; but this does not appear
smut.
It was necessary then to inquire further into the matter, and it appeared quito clear that the constrpation and subsequent inflammation, with other distressing symptoms, and amongst them intense delirium, Fere due to the dry inuutritious character of the food, which formed a digestion.

A few years since some valuable bessts died in our neighbourhood under precisely tho same symptoms, and as foul play was kuspected Mrr, Harkis, of Northampton, was called in to make a pusf mortori examination, and we ourselves alforled atl the asaintance whe coulit. Among wher ponits was the convul-ton deliritm, whech rationil the ammal-to la-h themolves with grea viulewee ara.nst the walls-a matter which 15 puarded against in Amerrea by tying the affected beast to a revolring post. On examination it Was found that the solid calses which gorged the folds of the maniplies consisted of extremely rigid fibre, in which nothing could be discovered had evidently been gnawed off some palings, but in such small quantities ar to make it quito cloa that it was not a cate of lead poisoning. The pasture was carefully searched for noxinus herbs, noze of whach, however, Were found
huntinger for thern we noticenl to the maztor of the Italuan live-grass, and that we thought it very probabin that than dry mmutritume ford was the cause of the evi-an opinion thech serna fully confirmed by the case before us. Thercare other observations in the volume, which tend to show
that some very different affections whech have boen supposed to arse from the common prasates of pastine (irasses are quite independent of them. though momldy hay, or grama in a muste or dreamplomed coluhtion, may 15duca sem mus injury
 Thity whach arowe frota the use of misty (bate where pm,-3n Was suapotel, ani whore we had an oppontumity of exaluithong a sample. No Futugh Fias derelopled in the grath, thengh placed in a condition to fatomr its arowth, had the evil seomed due to thin gromin thail berng its a condition hikely to oxcite jutrefactive fermentathon. Jr. G.avgek reprorts a chrious cagn of Hemiplepa, wheh came under his notice near Kirheally, from the ume of musty hay, and has states that le wis often emsinterd is smilar cased, which ywidem to a smart purgativo aud improved food.
To roturn, however, to tho conatipation, which has beon compared to broomsticks. arising from the use of food without a sufficiont admix ture of nofter and mose peaninl daet it is clear that when the food has etrit been, not it ther othexam or manuphes, the mathomatsom will peborally haten got to such a hemi as ta give no hapo of yobling to melical iteationt. Whero matters have not gone too far, a strong puraztive, consisting of 1 lb, of Liparn salts, 1 pht of lanseod oil, and 2 drachms of powdered aloes half that quantity of finger, aul a quart of water, admunistered with groll, will sometumes prove efficacsous; or if the salta are not at hand, the quantity of osl may bo derulited : and if the dhect is not suflecont, half-drachin doses of carbonate of ammoma may ba admunstered highly dhlutent, care hemg taken that the mouth is not oxcormated. Wo shall hope in some future number to advert to other mutters in the excellent volume before ws, which is highly creditable in ofory point of viow, whether as regards the oxperts thomselves, or the dopartment by which they were employed. M. J. I.

- The trade in Enalish Wheat is without alteration; in forega, too, excepting American, on which there has been a slight rise in price, tharo has been no previous lugh rates,-The seed trade is al next to standstill.- Eaghish wool remains at past prices.
-The following tabular acenunt of the attendanse at ibe Midland Counties Cattle Suow for several jeara past, has been published:-


Highant price obtainci is poultry Pen 6z, lat prize, Dorkitos cockicel, 122.
Ditto atto, for phgeons-Pen 22-6, 2d prise, blemek barbee, 25i. The annual mooking of the membert of the Cetral Chamber of Agricatture was held on Wednesday, at the Salistury lotel; Ir. C. S Renn, II I , in utho manderstip, consratulated the meetng on the advane of the movement throughont the English countien, an 1 gn in extension to Ireland, and represental tue stiairs of the association to be in a prosperous condition. It also described the action of the Chamber in raference to several agricultural questions. Arter in report had the wough rotimement by rotation, were fillea up. A report from the combittee of counctl on loce tasation was presented by tcs chairman, Sir M. Lopss, M.
Cnamber for the year $18 \% 1$ shame discussion arono Whan repard to the proprety of admptrar mnasures to recrult the ranks of the Chamber, but aitaough various suggestions were maing nachinery, which most of the mambera seemend to comsher the best for the end in

 means of prowifink for the filuspe mantenance of
 colleonthed with a cordial rote of thanka to the chatrman for his serrioes in the chsir duriag his year of afliow

## OUR LIVE STOCK.

THE following measurements of cattle were taken during the past week at Islington, Lord Penrhyn' steer, in the Shorthora clase, not exceeding 3 years and 3
monthy old, is a noble-looking anumal ; he girths 8 feet 6 inches, and is feet 1 inches long in this case the live weight is 20 cwt. 0 qr .13 lb .; and as he will prowably yot bo far off if curt. On tho other hand, calculating lis weight from measurement and using 29 as the decimal multipher (see "Ewart's Agriculturist's Assistant $\left.{ }^{2}\right)$, he oupht to weigh $13 \frac{1}{2}$ owt. We measured Mr. Outhwate's steer (No. 81), the winner of the first place in the class for ateers sbove 3 years and 3 months old. His girth is 8 feet 7 inches, and his
length from shoulder to rump $\overline{5}$ feet $s$ incles. His length from shoulder to rump shet inches. live weight is $20 \mathrm{cwt}$.1 gr . 61 b ., whub, if it yields 70 per cent. of beef, makes his carcase weight to
stones. Taking the method of calculation from measurement, his weight ought to be 11.3 , stone. Tho
method used in the soove cases in order to calculate method used in the above cases in order to calcuate the carcase weight $1 s$ as follows. square the pirth,
reducing the inches to decimals of foot, next multiply reducing the inches theng in fret aud decimal parts of $\Omega$ font and finally multiply by a number rarying from -23 , in the case of half fat inferior animals, up to
-28 , which would only be used fo extraordinary cases, suoh as we are now considering. Among other oxtraordinary catio may be menwoned one exh1 bited by Mr. Scales, of Grantham (No. 0.5) : the girth and length of this animal were respectively 8 feet 10 inches and 5 feet 4 incher, and his live veight 1 31 cwt .3 qr .14 lb . The fineuess of bone 1 p the case of many cattle was very remarkable, ospecially amona the Devons, We noticed one case particularly, that of in the citalogue the bone immediately below the knee of thas helfer was smader than a man's wrist only measuring 6 nehes, aud yet this was supporting sion to be able to give the absolute weights of some of the above-mentioned animals, and also of many others Whose measurements were ascortained during the mgton show week.

- We have received the following communication Prom Mr. Willoughby Wood :-"I am happy to teli you that Oxford's Ada broupht yesterday a fine rich roan heifer-calf by Nonteres Deke (32,431), which does great credit both to his sire and his dam. She las all the marks of high blood, together with a degree of vigour not always exhibited by the possessors of long pedigree."


## COST OF STEAM CULTIVATION.

"G. A. H." says, "I observe that Mr. Suith adopts your explanation of the 18. 6d, per acre for intereat of money and wear and tear Smith's own figures prove his declaration to be totally devoid of foundation, that he is in fart deceiving him-
 of in Mr. Smith, is that he endeavours to persuade small farmers, having only 100 acres to plough every year, that it will pay them to purchase, for their own use only, a set of steam tackle, and that when they
have done so their seed-beds for Wheat will only cost have done so their seed
them Gs. $8 d$. per acre."
I will take the points as they stand. In 185.5 I provided myself with a 7 -horse engive (cost 2002), with Findlass, \&c (cost 50l.), and wilh a smasher and a digger and subaoiler, mide by my own blacksmith (coat together 13l.-total 298l.). With this engine and apparatus I started in December, 1855 , but found the engine, windlass, and anchors all defective I then altered the engine and windlats, and had made by own biacksmith a set of new anchors, and got oy thy snatch-bloek, and afterwards another at ant another This broucht me total up to 3311 another at a cost of $33 l$. thus improved total up to 331l. With the apparatus thus improved 1 made some further trials, and on
November $13,183 f, I$ wrote thus to the Mark Lane E.cpress:-

I bare fince bur det photghtrad ty item the whoted of my farm except in in whe it sthbl Te left to try an experiment



Now this extrat does not toll as the quantity of work done in 1955 ,

Heary lan, 1-f elt Ni
Light 1mad-5idation
Total
RIdge-plonghing and subsailing, 8 to 17 inches d
Heavy hand-FYeld No. 4 Heavy I.nd-FYeId No. 4 Totall
Therefore the tetal for the year of the tron kinda of Work was fis $n$, ree, After rompletme the work 1 entimated the far amnunt for depreciation and interest
that should be charped upon this samall quantity of work done, taking into consideration that the engiaes was ermployed for threshing, \&ce, ; and besides this, I had sold three horses off for $150 l$, to make way for the engine. I anme to the conclusion that 1s. fid. per acre would be a fits charge for interest and depre
ciation, so. That has been my oharge down to this although it has been regularly published in the although it has been regurer every year what paper roported my cropping, nod that mole of estimating has been adnpted and practised by all extepting G. A. Tr. humOnly the Royal Agricultural society tnos 500 prizo dren days as a basic when it amarder entimater ever since in the award of its prizes. But let us test the point, and see whether it was fair or tot. The work done was Gitacres. The total cost of tackle stood at 331l., from this I. must deduct the 150h. for three horses otal and make way the engho for the engine to threshing 100 l , the total to 81l, therefore in Decomber, 18jn, there was $4 l .1 s$. due for interest; 18 . Gud. per acre on lfs. Gd. Would not-po conough for wear and in without any apparent wear and tear: but I have another item to hriog in--the saving of the eeping of three borses soll ofl to ranke room for the nove, and to spare. I was not "deceive" for I knew that I was winning. And here 13 another item of gain that I must bring into consideration 60 quarters of leas krown upon 12 acres of heavy clay land, that under horse culture wnuld have heen dead fallow. Surely I have said enough to show that I dir not make an unfarr cstimate of interest and wear and War when I fixed it at is fid. an acre.
Wil "G. A. H." tell me aznim that I am deceived about my 6s. 8 d. an anere seed.bed for Wheat, or my 1s. Gd, an acre for interest and wear and tear? The fact 1s, I had no extre interest to pay, and tho 1s. $6 a$ per acre maght all have been placed to wear and tear without using the word interest. I need not go into the questiou of $100 l$. for change of engine in 15j9, for you see that I had already maned enough to pay it.
I will now state $m y$ case arain, hy takine $m y$ starting-point at Michaelmas last, when ll ontered upon my new occupation, bringing my total arable land up to 163 acres, showing the number and cost of it by horses only, and the number and cost of horses, \&e, with tho enst of an encine and
of steam tarkle to trork it upon the Wonlston system. I shall fix the cost of a horre with its tackle and implements to work with at 5 sl ; the co3t of an engine at 300l., charging the half of it to threshing; the cost of a set of tackle with a 5 -tined smasher and a ridger-the two implements I use-at 2661., the price at which they are offered by the makers to the pablic, and the cost of the keeping of a horse at $25 l$
My 163 acres of arable land consist of 90 geres very heavy clay, hilly, and unoven; in fact, there are five bills upon it al at points very steep, and 73 aeres
of what $I$ call light land, but, in fact, not so. It is unon the flat-mixed gravel and rlay. Under horin eniture. to work the whale 6 melies derp, woult 10 , ncoues deep, I have started ofl with tive. That number will not zet half employment throughout the sear, but as yot bave a lot of landiords work to do and I mean to be well up to the mark for doing all, both temant's and landlord's, for at least this year. Now lot us look at this picture:-

Stean power Cuthatho, Iron Mhichcelnus, 1869, to

## Half tho crat of the engine ind 1850 .

Cost of tacklo.. $\quad \because \quad, \quad . \quad \therefore \quad . . \quad$.. $£ 150$ B
Cost of fire horses, with impiements, \&se, st
Cust of keepflag fivo horses, at $2 \bar{i}$. cach


Coat of kepinge ten horsos, at $\underline{g} i^{\circ}$ anch
Bulance on the side of horse culture
$\begin{array}{lll}£ 45 n & 0 & 0 \\ 2: 0 & 0 & 0\end{array}$

This is grand: the large sum of I6f. minre tenant's capital is necded th work this 16,3 acres firm of mine ave heen neaded under home culture having a portion of fallow. " $G$. A. If " Witl want interest on this large
sum of 1 gl., and he shnil have it. for with my extra cropping under steam oulture I shall be able to pay 1t Having considered the matter over again, I will not
alter my estimate of 1 s . Gd. per aure, therdore my aiter my estimate of 1s. Gu. Wer acres, the
Now there is a point about this interest on tenant's being charged on horses, their tavile and fmploments, or on momey for payment of latour. When a valuation is made horse-keeping is taken into account their
tackle nad implementanrealsn monsidered, and so dootor's bill, and the knowled ac of now and then : dead horse is not tossed on ones. de, payment of labour is also considered, but interest of money never is.
will support my case by an extract from Mr Morton's will support my case by an extract from Mr. Morton's
"Now the cost ol horse lnbour on 21 farms in different parts
 or depreclation of viluc, and mardeler, natid bayckemith's finils, Bithl. a year, their implemento need - - , a yett to keep
thetu gomil mit the plumghenan 1) cerst sids.l a y yat
herso per anmivit.
The farmers had to find this 13,0001 , yet interest upor it is not considered. Fet "G. A. H." will make us use the word interest when we talk about steam ploughing. I knew that I must, and I did so, although in my, own case I know that but little additional
tenant's capital was needed, and more Then increased
nrsertion about Mr. Smith's figarest thing
of folmuation must fall to the ground
above oroves thust I fall to the "roupding "a
am not "deceivang the public"
Now for the last point,
peruade small farmers. Here is Sull
lefter that, in
attar that, in 18.18, I addessed and pold
fariners of Enyland -
"September, wther, and Maren ane the

##  <br> 




Ty advi in to the worl. it must bo done if
t was in 1838 , "every large farmer mat mothe of rриaratus of his own

## 

IF ow practice slionats.
My own practice shows that it world Wi
"(i. A. II." must see that it pars mell on mine-internst wear and tear denceiban
being consiletel. Tincu fat nimpot ap b box abnit his 1100 -acre Sarm, for be cone swincinge of it about we must sdit decere
Wheat-intereat and wear and tear, $41 /$ oak one word more - 20 acres of my gromus Fud old heary land are Wheat after What. Ta Givo time on my new hand fo urain and cont
it is platited. It wall all be under crop uem:
 when aided by steam-power, 穻 Tr noticed is ap, and looks wolk, and thas uine will nerer need a dead fallom azn
dean fibllow laz ber a the rule luetototore.

 the ssme for olemhlness with olter pev: under, bard, horsic-trodilen sur water-furrows i mater of necesits
engino could work my three-hned smb deep, oleariag a width of from 30 to $\$ 0.0$ nitit
 oil, and water

 corking hy steam-jower, aud brome hea
 width, and work a tive-tmed rativath men, coal, onl, nnd wate add $1 s$. Gel for extras. thes brought 16 upto brought the total cost of seed-bed up tok acre. That is a fart," G. A th, fou, If "decelver"." "I
 who fill foul of the roundabout tachlesi pate and sil the contractiag men togetiser, wiom: We can find a farm worked by stean-porn contract plan? That in where all hor leaving fust enough to to the barrem work, well as the light raltirating mid Mr. Thore has been a preat adro witr of the dook at
 more thna he.


The former lind

 muddle of Ausust, and from that ge satd that he did fós acres a day-at he would det ofer in the cotrld do "from 2000 to 30 mos " Mr. Comphell nould in wetl to explain Nr. Camphell would io well to explatip on
must not enll upon $1, m$ to pas interef must not
sum of mi

## treck

2s. the -s per cent. on whind would come be to have cost that lirge sum. I should charge hmm wil
I am an experimentalist, and cop
indlas ijent; for instance, the

depthes so much so, that no other person's opsuion,
bowever practirai, secmas to be of ney inltae Tie coul sowever practiral, semis so be of nay inlue Tae cour We riad rules cafreel. Ihervad
 trams ean be decrded in the lafld imls The furactane

 the subsoll may be, there will in in me caces not of ton to water fotimi in the homes. an th the hi es hare once be cuthondered ne ensary to dra,1t to thee satar
 intead of havishe riven from hemeatil the botiom of the dran. Naw, to prevent this error the man with the as the math des tho bule, the buspectur saesis with hus own ejes whire the water comes from-whetuer
from the surface or tho Rnhooll If a strong from the surfiace or tho Rnhwonl. If a kirong
impervious clay bottom, the water will all bo found from the surfice, filt if, on the contrary, at
  well ligane can momer, is If no.f sinh a woll t whethar we get water quide or not. Should the subsoil be of a strong rlay nature, it 15 wall hnown thst 20 in 80 , or even 50 feet may be sunk before getting water, whireas, on the contrary, fhould the sulswif hn of
porous and free nature, tho result is that water is found

 and 4.21 k ksut montmen i) eciape, an I to ameomylsch wheth I find that frem Ifect simehes to 3 feet :a hottar than a preater dapth-
 are no epringe from henenth to montrin with 12 in
 proctice 18 neressary, as we hom here it cotitend with prings from benesth, therefore druin fram I to f, fort
 infer serinualy hefore he lays himarli under the clutehes burden uron has tenantrs lietom! what is real: iecessary. Lloweser ginl cimh, mmpmas may te W. C. Kipl.a.

## Bocioties.

royal agriculiunal of maghayd
Montily Councll, Wednouday, December 8 Pregent the Daky of Devonshire, K.G., in the
chair; the Parl of Powis, Viscount Bridport, Inetd Chesham, Lord Kestever, Lord Tredegar, Lord Ternon, Lord Walsingham Sir Massey Lopas, Hart,
 Mr. Barthropp, Mr if, th, Mr. Bowly, Mr. Cansel, Mr. Hassall, Mr. Holland, Mr. Hornsby, Mr. Hor
kyns, M. P , Colonel Kusscote, MP, Mr. Leods, Mr. syns, M.P Mr. Pain, Mr, Mandell, Mr. Minsome, Mr. Rigden, Mr. Nanday, Mr. Thmmpson, Mr. Tort Mr. Turber, Mr. Weht, Mr. Welia, Voelciker.

## Wilson, Professor Simonds, asal Dr

Softon, tho Fart if (roxtent Tfreppent
 -were olected Governore of the







Onitter. Ball \& ('h, tha Somints's amenintints, and
cound correct. The balanue in the handson the bankers
 yeoommend that Mr. J. Gale's salary be increased 20 L
per annum, in consideration of his long nad efficient services to the society; that a link of members in
arrear with their cubseriptions be sent to each member of the Council, with a request that individuality he wil

 derision of the judgach of the exayy eompleting for the

 zeen upened hy the ['res tent tue seany was domitrat te have been writion by MI C. P. Le c cornu, of lruaty Manor, Jersey. Witn raference in the priza of ajuere of plate of the value of 10 Nu gs., otfered by Mr Masm
followin leres round Oxford, the commeiver madu the following reoommendations -(1). The an eutrenno-


 ewarded to the gd beat farmo. (b), That no chity he that the cartitionto of entry chall contain hion nume au farmon the kind of noil (light or haviz), the acreatgee the farm and ate dithano and beariny from the newrest
 report at lide elothitee, ni...b, ehtanus the ulatual

 Verial vakt larl lopmpapl (tharmana) havink
 the equivalent which the Snciety oblained for the annual mont of 800 L to the Royal Yotarliory Callosa. satiente) thet tho Voterinary Commaition Gluar emp Corring with the roveraing body of tho Royll Vrearmaty


 Comatal it these mentma in llar, h
lendeil (clas.rman)
 orford, to antile thasis to prof the omal commitiae at required, thich is now fin progreas, and that the arragemento for the rail way sidiog, and for the rupply hined - Tha, report wan adopted.
Silherion - Mr, Thompwon (ohairman) reportod That the eammition hat implete? the terfeinn of the


 Society on their elootion: and that lbe eame be printed it the next number of the Jurnal, and circulated alco atsoding oommittee bhall contain a lint of it members omitting thote who have nbeented themselver during the whole rear, and that it sliall contain the names of cur. The questions relsting to the bye-laws having committee adopted, the Charrosin stated that the com mittoo had mod Anemod Mt, Chath Whico hend, of Barniag foune Madstone, to ill the nownoy Welis, M.P., having propneed. and Mr. Radeli seconded the nomination of Mr. Whithced, an amendFarminebana, wis movel hy Mr ('antrel), and keconded by Mr. Rigden. On a linow of hadids the aneendment Was lost by one vote, the numbers being, for Mr. Russell 11, and for Mo. Wh mitebead 12.
The Seoretary whe instructed to communiogta with the loral nuthoritio; at Chester, Shrewsburs. Siaford, and 1 olverlamptom, informang them that tho Sinety a country meeting in the year $18 / 2$ will be held in the and vorth Walus
Mr, Aquday, having siver notice that he would move "that the rule for the non-paymeat of judzes whn aro memeh rule could bo found his fomblion sea unasere
 sary. It Wis therphire moved liy Mr. Miturans, ind Mr. Bowly he puid For their surfiee at Manshester; ${ }^{\text {w }}$ whereujwn, under clause 86 of the bye-lawh, Lord tioh be deferred unthithe next monthls Couthenh. (fn a show of handa 18 votes were given azmost the postponement and 7 for it. The question band therethere
 rendered to the Society."
The Kar of Lichfiel gotioe that et the nert
monthly Council he will call the attention of the
Council to the inconvemicnce arising out of the coutl Council to the inconvenience arising out of the collil-
tions of the chartor fizing tue date and place of holding the genersh meeting, and excluding from the Soliety's meetinga the drsonsion of all eubjeotr having relerence
to mensures pending, or to bo bronght formard in either to mensures pondung,
1 Iouto of Parhamens.
Ttio standag committees for the year 18\%0 were
Trectereprort of the Councal to tho half-yearly general A letter from Mr. W. A. (7ibbs on the haryesting of hay and corn in rret seasons was referrod to the Implema
to the corvency and cierks, adjourned over the Curne
at e epecill Council, which met, by areter of tho Prookent and implomianing of the monthly (icmer.i, ithe

- Thene astriotin wio bo fow endide for pribleation in the
meeting were arranged, certain prizes for Dorset sheep
having been added to the draft of the former, on the having been added to the draft of the former, on the

The Annual Meftivg of thas rssociation was held on Thursday last at the offices, Hanover Square, the Duke of Devonshire in the chair

There was a more than ordinarily large attevdance and among those present were Mr. W. Caldwell, Colonel Chaloner, Mr. H. S. Thompson, Mr. J. Fawcett, Lord Mr. T. C. Bookh, Mr. J. Bigg, Mr. J. Yardley, Mr C. Cadle, Mr. Duckham, Mr. G. Smythe, Mr. C. S. Roberts, Mr. The Sroceedings were commenced by his Grace calling upon the Secretary to read the following report:-


## been $G$ Alver

 of 46121 , TA. Sd. New Throe per Cents. Was becn invested as a
Reserve Stow Fund. Tho Council regret that owing to the continued diffeculty experionced in collecting arrears of sulb-
scriptiunß, they have been compelled to take legal procecdings negainst some members of the suclety; but they bave obtaincd thr only satisfaction possible under sulk cureumatances, the has been most cienrly catnhlisbed
Under the Presdency of HI H the Prince of Waies, the





 liberality, and their secretiry (Mr Whitworth), in particular.
was tintiring in his exertions to promote the success of tho meeting Cungrdering that during the aix days of the uhow it
was visited by more than 200,000 people, the Council believe that no slight praige is due to the arrangements by whilch so
larxe a number of porsons could obtain exeollent rofreshments without inconveuterce, and at a moderate price -the more ao
as theso arrangements wero made by Mr. Whitworth with the
aivantage of a considerable profit to the Society. Mr, Whitadvantrage of a considerable profit to the Society. Mrr, Whit-
worth' indefatignble efforto
the behnif of the Society Induced the Council to request hie acceptance of the sum of 1.50 ga an Tho gre at agrie ithrall lost ire of the

## 

 In the tro simuliyy iring which the atook was in the yard,
 meeting for Mondey, July 18. . They lifvo decided that the
Jive stok shall





shall be ontered in its respoctive soction and class for trinl at the time when the specifentioni is sent in to the secrutary
but nutwitheranding buch entry, the discretion of trial win but nutwithetanding buch entry, the discretion of trial will
rest with the judges: Rlion, That no exhibitor may enter more
than one implement of the game construction for competition purchasers, it hans heots resolied, That althmigh curtain inple ments, beloking to the cinasea for which prizis are offored,
are not entored for trial, the stemardi may, on the recommon-
dution of the juthgea, orver any of them to be tried and their dation of the judgea, orier amy
caphatities muadc pulhic.
The attention of the cuncil haviog been drawn to the

 samples forwarded to him by mombers of the Societry, so that
sich report, together with the namers of the doalers who sup-
plied tho substances analyed, , hanll, if the Council think fit, plied tho substances analysed, ahall, If the
The Soclety's educational ozanntanations in April last were
conducted on the same pian as those of the previous year, and



Lord DENMAN, in moving theadoption of the report, said that it was one which could not be other than highly satisfactory to the Society. Their meeting at effort mues had been highly successfar, aut equally successful. He minht mention that the disease known as black foot 'Quarter-ill?', had appeareci among cattle in his neighbournood, and as its causes and prevention are tipated, and some acount of its prevention and cure be inserted in the Journal. He had lost many animals by it, and he dare say others had. He should be very glad to find their meeting successful next ycar, especially as it would be presided over by so illustrious a
Mr w. G Cature
Mr. W. G. Caldwell seconded the motion. IIe had only one remark to make, and that was with respect to
the rules of competition for the prize offered by the High the rules of competition for the prize offered by the High of the farms was to be returned distinguishing the land whether lipht or heavy. He thought they ought to dis-
tinguish also whether it was arable or pasture, becans a
 ought therefore to obtain a return which would inform them in which the preponderance of arable or grassland was. He approved of the steps taken by the Council to make the work of the judges easier, and to put an end to the terrible system of having to look at really tell what to do. He thought that the rule requiring competitora to send in the number and description of the implements for trial in their respecthan one implement of the same construction or class
 the Society. He thought also it was adriaable for the Council to give a more definte description of what might be of use to agriculturists, so ns to puide the judges as to what thes
should pass by entirely.
Mr. lead, M.P., expressed his satisfaction at the improvement in the Nournal, It what mow more practical and useful than anything they had hitherto
had. The review of Castleacre Farm, which appeared in the last Journal, was singularly opportune, snd he regretted that Mr. Hudson, who was so lona a member Society, had passed away before it was printed. That review was most important, because it proved what could be done by capital when appled to bad or, at the British farmer to supply tho nation with corn and mpat, no one performed that duty more succesgngly haph farming paid was a question not yet quite determined. If he might make a criticism where
there was so much that was good, he would say that When gentlemen wrote reviews in the dull season of the agricultural labourer, they should be good enough were rather whet the average aarninge of labourers were rather than the wages of that par at 11. a week, when, in point of fact, MF. Hudson,
spent, zoowl. a-year in labour on a farm of 800 scres.
In the larger portion of the year men could In the larger portion of the year men could readily never less than 30s, per week. He hoped the Journal would bo msued as carly as posmble, and he looked
forward with a great dealof pleasurable anticrpation to the report on Belgian farming, and that not ouly on scocunt of its agricultural but its politieal bearing.
Mr. Nield, as one of the not most nactive members of the Manchester local committee, expressed on its in the report of the value of their labours. IIe was glad to say that his predictions of a successful meeting had been verified to the letter, and he sincerely hoped year at Oxford. We qentured to say that a be held next of saving had been effected in the fittiags of the showpreoluded and regretted that their prosent arrangements which were apparent when they were carried out by the local bodies. He witnessed with pleasure the incresse in the number of members, and expressed a
hope that the time would come whe math
100 acres would feel it an honote
 cated for the last two or threa Jo Agricultural Society of every logedint ciation in the kingdom: and, thoupg her ain
they had taken a step io the the country into five distriok dia
satisfied till the found the
satisfied till he found the prinoipl
union with them, and a deng thour meetings. They might look mith me cyes on the rapid progress of the times on
lived. He admitted the advantacesphre lad derived from the services reveneredtothet by the great territoral magnates of the ont he believed that the more noblemen the meth personal contact with sensible and pration
farmers, the better it was for thement
country. He areed with the hon min country. tho Journal was greatly mpromed a quite a pleasure to read it
Mr Botcer expressed the pleasure be hearine the report, and also at the inarant
of the Journal ; the more so as he had bey that it would be better if and practical essays inserted which mirs
more read and quoted. That more read and quoted. That had been
was happy to see the result he lid followed. He congratulated the socidy whioh had attended the institution d examinations, for no money oould bo
than that which was spent in promotict and useful education, and the resill mint th general benefit of noblemen, the midideten ure and even the agricultural labourer.
Mr. T. Willson complained that mathey chester, to form part of a jumping erchilitame many persons who had come hundredsol mist them had to pay 4s. extre, and in many bs see them st all, because they had nochana
 from the Society's show-ground.

Dr. Crisp expressed an opinion that might be still farther improved, and que.
 of dissolving their connection with the College, and expressed an opinion He thought the Council should ad ment to establish a national Veterinary
also advocated a system of ingpection an also advocated a system of inspection and
of minor diseases in cattle, which monli, dotubt, be eventually carried into effect
Mr. Tho3rrson expressed his gratifichite approval which had been expressed in appointment of the Secretary. That gente now admitted, had shown himsolfan sble respeot to the blaokfoot rot [Quarter-2h, care was to seton very eari). Tumse wal
A Member: Combinel with mod mes. pot so subject to the disease as thoss which ${ }^{2}$ kept, but setoning had been found rerr efifia Caldmell had expressed sime doubt about sion of so many miscellinenus artheles, yel tion proved very useful showyard and increasing their recmpts frat to have an invested sum, for the purpoz, ${ }^{\text {a }}$ up tineir prize list and
up com prize liat apd it was omily woth Their object inventing was to pas by the tu the standing investing was the intended to have a large invested sum have sufficiont to conduct its operations: me an The to mattendance share moler for the Thus better day for the reneral meetiag.
Mr. Crisp said that the practice of cruel that it ought to be put dommala the Prevention of Cruelty to Aamua Professor Coleman suggested that in place of show, in to send and arrange as to their mode of tri judges came down they would find prepared for them, and be
wort at once without wastine
now did in arranging the detals on
Mr . Tome explained that the Uroping of horsas at Manohester against horses jumplag, but their Would have it, and the only condit the horses should come through t played, no prizes were given for arti not agricultural, and the exljibition very remunerative
Mr. DUCKHAM thought that members of the had a right to see everything sent for exh any extra oharge.
trard Vernos baid that the Council attention to any sufgestions whio be obliged to nuy member of s local com would make then.
Mr. Jacob Wilson agreed that y the showyard had the cutaloge would but gignce at the oatalogue thein an
it ace ouly nutheramn tor a short time from the Mr Geis thought it rather beneath the dignity of Mr GRis thousten to a proposition from the lival Ir. J SIFLD pointed out thet the local committo had expended \& large 64 m , and though thes had recouped themselses to the extent of 50001 . Mr T. Wir Lios thought it very objectionable that horses should be taken out of the show sard to be
enolt in uaping over fences which no good sportsmau spoilt in junping over fences which no goou spori Mr Tusurous said that due nutwe was given that there would be such an exhbition, but only thoee
horses left the 3 ard what were entered for it, and woee horses iff the 3 ard what here entered for Sir IW Stibliva regrelted that the question shoul hare arisen, hecause it was the onls thiug calculated to
nartherf perfect unamimity. He had no doubichat union mur therf perfect unanimity. He had no doubichat unsion
of commerce and agriculture st Manchester would be produclive of the best resulta. There liad been a publi,
sport manifested at Manchenter on the nevenon of 110 spirit mamifested at int
meeting most reditable ever bad arisen, and he consdered it a fortunate ir cumstance that the Manchester meetiby had thent
plare in what was alnost a crisis in the bumory of place in that was almost a crisis in the the country. Agruculture was now one of the stale t.pes of the das, atd rias not only diseussed at themr and the subject was treated not only in an agricultural but in a commercial spirs
The report Was unanimously adopled; and, on the
motion of Mr. Arkell, the auditors received a vote of thanks; and subsenuently, on the motion of Mr Mad ham, seconded by Mr Torr, they were re-elected A cordial rote of thanks to the noble Duke in the chast was given, on the motion of Mr. Ducklam, Ins Grace, in returnidg thanks, said it gave him great pleasure to fll the position in which the Councul
had placed him, and to listen to the discussion whick had lakeo place.

## THE SMITHFIKLD CLT゙B CATTLE SIIOW

Agbiccltcral Hall, Islington.-The SmithGield Club Show was opened for the eighth tume in the Agricultural Hall, Istington, on Monday last, with all its previous prospects of success; and these bave
been amply realised. If the cattle have slightly fallen of in consequence of a number of animals entered being last week within an "iniected district, dedared because of the prevalence of the foot-andmouth dimease, the quality and arnearance of the large number sent were generaily excellent, while the sheep the piss are so uniformly good, that nothing more can this show be intended for a practical lesson to farmers. or a country display for the pleasure of the metr
politan inhabitapls, is has been perfectly successful.

The Dewons, as has been always customary, have been placed in the first position; and, so far as beauty the Agrtcultural Hall this week bave well earned thet ploce; out as regards the practical, or meat-paying adod the areater part of the older, classes were fillei, there is ample room for discussion. Some of the
Devons were heary and well grown. but taking them as a whole, there was not that thriftiness and hardiness of appearance which are now required to make both ends mect when a farmer las to depend on
the profit of feeding for his fixed expenses and livelithe profit of feeding for his fixed expenses and livelibood, or, in other words, for a good interest on the
capptal the employs. The steers were very remarkable for their perfect ripeness at therr early age. They were as meliow in their touch as most cross breeds are when
threetures as old. Mr. luuller's and Mr. Nixey's peculiarly of this description, and Mr. Nisey's. Were Hoppern, Exeter, was as nerfect for form and touch as could well be found. The weights do not correspond with the prizes, for in the next class, the
lst prizo steer, shown by Mr. Hambro, M P., did not Weigh so much as the ed prize by 110 lb . In the next
class, too, the Ist weighed 14 cwt 0 ar. 3 lb ; the

 any shom we do not understand the use of welphthe the anmals, if it be not taken intn account at all in
estimating the merits of each This view too is more particularls important when it is observed that the 1st prize is only one month younger than the unnoticed
beast, which weizhed herfers were as pretty nis could be, and the cows full of flesh and remarkably firm, from their natural character號
The Herefords were a far greater improvement on the Birmingham muster than they uaualy the highest honour as he with a disfigured back, too theless, the breed is by no means so well iluatrat Thls jear as we have seen it. Her Majesty the
Nueen was $2 d$, with a beautifully fed steer, anc
31 , with harl ofth an equally good heifer. In the oxen the
farn of Lharnleg's beast was retuarkable for his fine ctaracter of head, horn, and coat, while he had great substance, well and evenly distributed, and his feeding tha bot surpassed, if equalted, monong any enimals of The Hereford heifers under four years of age were
armiogasm, add be decision in Bingley Hall havin Arhmright now tales ist, and Mr. Garrett the $2 d$ Mr. Waldwin's cow at nime years of age was a wotide ful beast for youthruluess of appearance and touch sue deservedjy took lst in her chat
The Shorfhorns carried ofl all tie speitial thnours new premium of a 100 Ras arly po This however did nut fill to the younger olos, wherein her Hejeety the -leer, Lut to the mediums-aged ammalo the stoers under -leer, but to the medium-aperi amimal, the steers under
three gears and three months. In shart the farl af
 at Birmungham, Leere took evers thans in Lis taess that a reeder aad feeder could take, and the greatent honour sf the liall, in the form of the lut ins cup, for the beet thmal in the llall The value of these prizes, as will this animal bas been awarded prizes to over the amount of 2001 . As the Buarl of Ayleaford has been to canstant a breeder and feeder and patron of agricul-

 stamps to the gold rup steer, white the Marcmiar Exeter's had every thicg kond about hsm, (xcentink : slark back, whech partook mare of the chare ter of malformation than siny defect of chararter or breed
ing IIr, D IR. Davjes, of the Old Hall, Chesture added to this class by sending a very fine anmal, but too maseuluce 10 appearauce. Mr. J. Scales bent an tli-furmed ox into this olass, -a diefigurement to the
Shorthorn classes of fat stoct generaliy. Colonel Towneles's heifer was lat here, as at Bingley Hall, but the cup went ayaust her in favour of the cow sent by Sir M. C. Trevelyan, list, as it did at
Birmingham. Mir. ither on's ad in the heifers, and the Duke of Ibevonsbire's 34 among the cows, were The Meskr. Mitheloull's and massive utute anmala The Meskr. Mtwhell's 6 sears and 10 months caw wras onls attractive for her beauty of colour and fortm. for she was very small for a Stiorthorn. Ste was aling ad at Bingley Hall.
The Sussex animals bave made a rapid stride in 1 m provenuent. The form sad ceneral character of that berds from thich the liovons spring belonged to the is not more difference between them and the bevons in general, than there 18 bentwen the North and South Devons themaeives. Indeed, when the younger animals aro fouched, we are sombed to ash Where do the
Derons end and tho Sussex begin it a whole how ever, there is a far greater suzp and a more valuathe amony the Devons. Therr quality cannot be described as superfine stithough in many caseas nud, indeed, in body who is blessed with fir health and a correspondine digertion. Mr. Lee Stoere's lst prize is a frnd steer, fine and mellow nuder the hand, and massive in good, while the corrs are very handsome as well hardy to look at Tue breol furnishes good servicentie beasts for farmers who bave sheir rent to pav, either out of beef or butfer, or both.
The Suffilk breed made a very ponr show, the onls one out of the six which was worthy of noti e being a very handsome little 3 -year-old cow sent from SandThe two steers had mean, ridgy backs, and wero correspnadingly coarse all over.
The Lonnhorns were four only, the lat prize ox being ta one winh the Rall; add having been kept over for this show be has grown into so remarkably good a beast that he In 40 all
In the Scotch Horned steers or oxen there is the most extraordinary dectsion we evpr ssw. Ta the firs, place, the 1st prize is describod as "breeder uaknown, Wbile his are is set down as "about i years and months." This may be a farr guess, but no one could guess what ha breeding 19 . If there Was another
animal in the Hall of a type at all similar tt was the animal in the Hall of a type at all similar tt was the
black heifer in the class for the female Irish breed This, howerer, would not have mattered had there
been nothing in particular shown whth ham, bat there been nothing in partimular shown with him, but there
was a realls good shm of Ininlanders. and the sd wa was a realls good shom of Hishlandera. Ind the wh wa-
a deep well corerel brindl!, with a perfeet outhene set
 tras as finely formed, massive, and altogether pic-
turesques Highlander $x 9$ mpy one conld detire to see in a day'a ride in their mative connty. The lat prize certainly had a fine beck, but his emooth black coat and decenerated Welsh appoarnace made him a con
temptible object beside the grasd "Scotch IIorned" animals with which he was classed.
 Birmiopham, and Captain Platt again took both prizes.
The Crocs-lireels had some Rood animals among them, but, as ur sal ! last week, tuless there is some-
ibing very striking amank them, the honours outside remarks we then made we rere glad to sce that the indiper awarded thee siecial homouns as they did The Bigley Hall put in hivappearance here, but he was more adapted fir pleasiog the upsophisticated than for attractiges the attention of practical men.
In the Exita Classes Mr. Foljambe kent a very mu th overuac when to be compared with the Farl of Aylesford's steer when the 100 gs. cup was being decided
uron. But why this was done we rould not ruent.
11 ere, loo, as if to sut of the five homebor

 I ruguayan Goveruments," Whateret that may mean,
 surpate this brute there ia not much fear of the oreed arer there comur itho compet.tion her. beyoud wha

The following were the Judenes and thoir A wards:-

















Hoifers or Cowa, of any $2 g e,-1$ st, $10 L$.
thorpe Hell, Leicestar ; $2 \mathrm{~A}, \mathrm{BL}$., no mitry.
 Abercothy, Nantgaredig,
Hoffern or Cow, of Any age, -No entry.
Cross of Mexmb-Bred.
 Aberdoen ; 3d, loi, R'. Walkor, Altyre, Forres. Mghly Commended : J. Wortiley, Felmingham, Aylgham. Steers or Oxe
con, Muertan of Gipove 3 years old. - 18t, 251,, J. P. MePherMartin, Abordean ; $3 d, 10$ hor, R. H. Harris, Earnhili, Forres, Horay Commended olask g. nerally.
 Sandringhsm. SILVER CUPS.
Silver Cup, value 400, to the exhlbitor, for the bost Iteer or Ox in any of the classes, the Earl of Ayleaford, Puckington
Silver Cup, value 402 , to the oxhibitor, for the best Heifer Br Cow in any of the clasest, Sir We
Gold Medal to the breeder of the and
Gold Medal to the breeder of the animal winuing the Silper Tho best Steer or Ox in any of the clagses, the Earl of Agles. ford, Packington H33l, Covestry.
Tho best Holfer or conv in any of the elasses, Sir W. EXTRA STOCK

## (That camot be shown in any of the Classes.)

Silver Medal and $\%$. to the exhibitor, for the hest steer or
Ox, G. S. Foljambe, Osbertou Hull, W Jrksop. Mi, Mhy Gom monded Her Majesty the Quecr. Commendo H.R.G the Prince of Walcs, 3essrs, Wishart e W Wylie, Silver Medal and 5L, to the
Cow, J. Chriuty Boynton Hall, Chelinglord beat Heifur or meaded: R. Jardine, Esq., 3.P.

CEAMPION PRIZE,
Plece of Plate, value 100t, for "the best benat in the show,

## SHEEP.

The Leiveaters were placed in the first position, and were a small show of ten pens. first prize for shearlines or both heavy and igat weights, the former trio weighing 60 owt. 2 gr . 21 lb , and the
 traits. Mr. Newman's and Colonel Lowther's were also fine of form and pure as reards character, while
Mr. Jordan's, of Driffield, were only a trifle coarse, and Mr. Jordan's, of Drif
wiighed 191b, more.

The Cotswolds were s poor lot of two pens. The disinclination of Cotswold breeders to exbibit on these occasions is something altogether unintelligible. They have the grandest braed of sheep in th
show, but the outside public do not know it.
The Lincolns stood just as they did at Birmingham, the same exhibitors taking the same prizes, and only ona additional pen being shown, which received no bonour.
The Kentish or Rumney Morsh were fine pens, and although their backs were not dat end their coats White and staring there was a considerable improvement in the touch. The hardiness of these sheen appears to make them a desirable breed on the bleak marsh from which they take their name
The Cross-bred Long-woolled sheep were generally very mean, but Mrir sent three dinary for size, symnetuetry, gad tho fineness and lustre of their fleeces.
In the Eirtra Stock Lond Berners was ? itirly beaten the cup gang to the executors of the lato Mr. Jordan. the prize wether 2 cwt. 1 qr. 19 lb ., or 41 lb . nore. For the cup for ewes there were only two entries, In the Long-wrolled sheep (not Leicesters) Mr. Harri, Leicester ewe, the weight of which was 2 cwt . I gr

The Soufflorns appear to have been put thus far down the list that they might be outside the gallery Whrd the light, and thereby be more plainly seen by nee part of the stewards for a fiver lot of beauties wore passed himself on thio oorasion, and it must have been and his clever shephord Day to seo that oree in such good commsny, the Merton sheep cariod erer thing so easily before them. The Merton 1st prize in the class toot restricted to weight, took, in addition, the 202, cup, as the beat pen of Hants, Wilts, or South. downs. Their weight was 6 cwt , $1 \mathrm{qr}, 7 \mathrm{lb}$. Lord Sondes 2d prize weizhed 6 cwt . 0 qr . 3 lb . In the class not to exceed 200 lb , the Mertow sheep were marvellously Mretty, and their touch was equal to their beauty Mr. Foljambe was $2 d$ here with a very protty trio, their
weight being 4 ib . less in the three. The Merton lst weight being 4 lb . less in the three. The Merton lst
prize two-shears were the most perfect in form for sheep of this age that we over saw. Sir W. ThrockMorton, Bert, Was a good second, and the Earl of Radnor a corresponding third.
The Kants and Wits Doncus were a great improvement on lasf collection; in fact, these sheep cume were extruordinary for size and quality thair back beiog equal to anoms of the zeater Southdowns. Their weight was 7 cmh 1 qr . 11 lo . Mr. Walter's were but little in 「erior as regards form and qualty; but they
the suitability for early forcing, and the great size this breed wil oome to
The Shropakires were fow, and, as far as they conld do so, the prizes stood the same as they did at Birmingham. In the absence of Lord Chesham's 2d shearling pen, Mr. Nook took $2 d$ prize, and three the 8d. In the two-shears, Lord Wenlock was the 3 d . In the two-shears, Lord We
Ist and Mrs. Beauk 2d, in a very weak class, fine show. and it seems to be the pashion to besmear the coats of these sheep with oil and dust. This, we presume, arises from the habit of cutting their conts flat on the back and, indeed, something of the kind is necessary to dis guise this deep outting into the feece. The backs of the $2 d$ prize sheep were avfiluly distigured, the whole o them being in but littie better form. The prizes for fat wethers had only one pen shown for them.
The Mountain Breeds where of the whitefaced and bleckfncod tribes, the former being Dartmoor, and the latter the bold, wild, and wirs Scotch.

Riyelands, Cheviots, and Dorseto were represented by a pon of each, the former taking lst, the latter the $2 d$ and the Cheviote $3 d$. This and the previous class are more ornamental than useful as competitors.
In the second edition of Extra Stod there were some remarkable sheep. Mr. Rigden sent a wether Weighing, howevar, only 1 owt. \& gr .15 lb, and Lord Falsingham took this cup also very easily. Sir if Throck morton, however, took the cup for ewes with Short-woolled, not Southdown, Mr. Nook took the cup for a splendid Stropshire wether; and in the ewes Mr. J. Rawlence won the cup with as grand a sheep as any in the Hall. This wes of the IFampshire breed, the weight being 2 owt. 2 gr . 26 lb .
The Cross-bred Long and short Woolled Sheep were remarkable for their variety, and also for the pen with which Mr. Overman too me mal as well as Rook's second prize were Lincoln-Herts, their weight being 7 owt 2 qr .18 lb . Mr . Overman's weighing 7 cwt .1 qr .3 lb . Mr. Overman was again first for a single fat wether, and he also took the medal for the best Long and Short-woolled cross; and a more beautiful sheep we have never seen.

The following were the Judges and their Awards:SheEp, - Loicestert, Cotawoide, Lincolns, Kentish or Romney Marab, and other dithut Loog-won 1 , Orasaire, Mountain Nowton, Campsfield, Woodstock; Johin Davis, Wethor Court Rerlard. Chevithdowns, Hampashire or Wiltshirc, Shropalife Wolverhanapton, Henry Lugar, Inghary, Burf St. Edncuino s Henry \#art, Beddingham, Lewes, subseox.

Litizers.spa.
Fat We thern 1 year old (urder 28 monthn).-10th, sot, Lord Haime-on-Spalling Moor, York ; 3d, jut,, B. Puinter, Burleg Fat Wethors, 1 year old (under 23 montha), ench abeep not
 akhain, Rutiand
Fat Fetherm, 1 year old (under 23 nontha). - 1 ith, 202. , R2ght J. Baldwha, Luddington, Warwick.

Fat Wethere, 1 year old (under 23 months). - 1 st, 201,


## Wat Wethers Kextren of Royizy Marsig.

 Burch, Rbode
Fat Wethers, I year old (under 23 monthis).-1st, 151, T. W.
D. Garris, Wooton, Northampton; 2d, 10L, Gir W, De Capel






Fat wothert, 1 year old (under 88 monthn)-Ist, 20l, R, and wood, Berks ; 3d, sho L. Loyd, Monk's Orohard, Addington, Surrey. Highly Commended : J, Russell, St. John's, Sutton Foat Wethers, 2 years old (above 23 and under 85 months.)No entry.

Shrormeitres
FutiWethers, 1 year old (under ${ }^{23}$ montha).-1at, 201., Lord Cheabam, Chesham, Bucks; 2d, 10I, T Nock, Sutton, Maddock, Fat Wethere, 2 years old (above 23 and uadar 35 ork. 18t, $15 l$. Lord Wenlock; 2 s, sh., S. Beach, Brewood, Ponk
Fot THO OxFORDPEIRESS.
Rugers, Bronomama, Bedford ; \&d, 15t., F. Strest, Batrowdion,
Pat Wethars, 2 years old (above 83 and under 95 monthe)1at, $18 i, 4$. Rogers, Brombum, Bedford; 21 , no entry Modntain Bremes
Fat Wetbers (nf any Whitcfaced Mountain breed, of any fgel)
-1 int, $15 k$ W. Smith, Hoopern, Exetar: $2 \mathrm{~d}, 10 \mathrm{~h}, \mathrm{~J}$. Tapp, Twitchen, Devon.
Fat Wethevs (of any Blackfuced or Speckledfaced Mountain
geed, of any aso -1 nt, $15 L$, J. M'Gill, Rotchell, Dumfrios ;


## PIGS.

These oreatures become more and mon ni general character and quality from lowne done sum ther wire ping, dowarers were altogether absent. The dwintsh monstrosities are now eoubiom dabby, patchy cattle wh h h used to apparp on a great proof that the se s.lows are at lengh farmers and the concourse of tomatitis. In the class for white breads under 9 m Mr. Cattle's 8 months aud 28 das ond extroordinary for subskane and fine metlor at. These are of the sreatest poasible wenl gext prell as hio wh lirus The roe pigs did not juresent
Cammberraynes, 15 , and the appearance a viny of lardified, "y The Berkshires Fere unaty there being only three peas ovar 9 motim pens over lil months of age. As reterads chane liere Fas nothing romsrkable, excepting
breed, lile others, is "sportions, so that we shall soon have Berkshires al sh small breed, in the same way at we hat amall white breads

The following were the Judges and thoir tr
 Woodmar, So
Captle, Derby.

Wurts.



 Commended: H


 Surroy: OTHER Breeds.


## SILVER CDP

Silver Cup, value 20L., to the exbibitor, ix tion Pigs in
Durset.

EXTRA STOCK

## (That cannot be shown in say of the clis co

Silver Medal to the oxhibitor for the bommend
son. Commended: J.

## IMPLEMERTK

Tha exhibition of implements in the Igric Hall this year is not above an ath hati exceeth of stands in the main body of the last year, there being on the 164. Total this year, 208 ; last yea

 the atartin. we never ank the stands mort rim the


 frith io int, uf on fie whole, we lize to report 1 ros-



 enf.nes, net onls in construction as to the working onl crima ud unequal tear aud wear of the piston and
oplnder, lint in therr adaptation to light work- 2 as prut lne, chaff rut timz, and root-pulp nig. The small


 erintitls ato entriole into completite on with ther
 bethis male loromolise los meane of ralla and con stri, hac, on this plin thet are prothe equally cffective haree dare en tor charmag, haundres, the drivine waviune of a hevier class of enyunes for skean culture.
 the prowne popularity of the latter at all cour maple$\mathrm{n} \cdot \mathrm{mt}$ athmiturs. In conmtruction there is a close bumlanty on the wL Lole, but 10 detains of of rurre depetu ls upon the spectal purb, mes
for winh they hase been made, and whether for winch they hase been made, and whether
thes fue to be used ontdoors or indoors, and whether they are to burn coal or cohe, and
fo on en on
Portable Engines continue to claim the
ehitef ohare of the Hall. They rere of al ohief ohare of the Hall They Rere of all
ize, from the small "pony" up to the bib
" steam hare" "steam horse." They exemplify the highest
stuturd of skilled Labour, and in the detuls


 is placed and works horizontally in the is pink-shaft, and arts horizonsally in mpon the cosentro, by which the full boiler pressure
of the ateam is alway got in the cylinder. The almisgion of full-pressure steam to the eylinder beure thus regulated in the most
eile: ive uonner, if ne ellme alwayn worhs at its matmanur poith, (lltethter luerehy
 The eslander 15 jacketed and well cased, and from
the brachsts carryng the crank-shaft and be ne tast in a prece with the saddle, the boiler Improvemints have also been maje su the boiler, both
 Aliand sors, aud other improvements of their portable

repreantel in mumbers havnarite class is not so well exauples not bemg admitted for the want of room a fince. wivn in the atmission of fraction engines gives a promstathe to the old portablea, whuch thay otwer-
w.-e wrin. not have pr, joyed in the ILall. The lim.ted humber on fiew are, bowever, a first-rate selection, a flattering but Lrustworthy sample of the whole elyas
exa.hitel at Manchester, Lelcester, and other fummer methins of the Royal Agricultural Society of England, of enstraction. Thus, the cacine of Mesirs Rictind


 pub ic now lamiliar with the distinctive charauterisbear bow closely firmers scrutinise differences, each rifnie aud ohservation. Tre as and desideratum geneI.. At issue is the culcisation of land by steatm

 C1. .n.tis. in fut jur if this or that peeplatartly

Ala: luze mplemants.


extut is used. It is adapted far small works as well as harge ones, but in large con terns, where a number th hem into nowednt at the same of tome the and fenel.








 iron fuber, the burstim: |recsure of andi of wheh is fully : inn ib per square leab, and the whole of water pressure of $5(4) \mathrm{lb}$. before they leave the lsritanma Iron Whorks. When a common boller bursis at work tho unchot is renerally rano easily imbaged that in 11


 that no dangeroms a motemt or erims, anse of mata, the ficility with what they ean be mit un durahinly of tho whole, form tocether anothe - Tharacterister of the sufets haler athd superheater Thus, as there are no rires or tans in ther const rax artion of the lire. The tubes bernk ahi counterjuarts of ehet cther, those farthest from and those nearest whe the beat is most intense, can be mererchancel in nuc






 tat mitly by lurnimg it of whituout atiy fose of time of in' re yowey, whito Rar is choper them mont, and orter



 day is not far ctiotatat when ateme plonkise wi,l not he
 shown at our pom rat meellige, "hat we nerer imacined Draston teltal lis readera that thellerpoford binds ast on ragton telts liss menders that the leeruford birik alt on


 Me in ${ }^{\prime}$
 chult- in $n$ that tavour, and we sere that thin it


 ts own taile, ": 1 I) leavito 11.0 reader to apply this we havo to regnart tao two cuhtation en the stabd of John Fowler d Coo, and the wery thish dexree a! perfection they exemphify in mancasm-m mad manufacture. Being entirely frea frem at mangi, mitan the reasbance fuls (autis umit the warking parts. go Lif weming pots airmenk, are, on the ntiger liand, redimect tos कumtimtim, Tha mam axile that earries the rond whele is Prunkert, and as the fratne carring the tines
 tiny degtil requitel ty the tivan it nature
 the erank is of a hreadth en.t.h.e lor hapavy buat, hut when eross ins or or whink hatht

 frest exe

## It (rnat

 lover, seen in edvanoe of the siagle wheol in fronicient) far back to place the lever wishin sulficieaty far back to piace toe iever withia empleto command thl rope, and ai the eni hlent of alterna-
tion takes finte, in the sut of turnang

cession, 80 as to increase the durebility of the whole and fitted in sections that each os free to explatid and it follows that the expansion or contraction, as the case
 set up an l repared, and with rexarit to louse ronm the new boiler does not require nu f half the space of a Cornidh one of equal hinse-powir. The moriation on hurning out or foulang of the fubes takns place. Thus, as ewh tube has within it an internal one risina up through the watry spare, hene wismomas, The upper portion of the tubes is divided from the lower by diaphracm, and the rurrent of heated pasec from the fire the ldirection of whicta will be seen ull the se oth in by the arrowal 1 mpinging upon the tubes, canses the water in the nuter space or ring to rise to the top and flow down to the batom of the mner tube, therehy

 Aspn-presoare procem of a aerteation call casily be carried to the dosired degreo.
Corrugated Twbe Boiles, or more correctly speaking Hhres-lobed Robe Boller.- Whe Messrs. Kinsey, Norton a boiler with three-lobed tubea (Kinseg's patent)
which has an arkward resemblance to the Mesors IIoward's salety superbenter in more respects thant one Thus the mute of upply ing brat-i, ef the flue and and the diaphragm are diertinal, and aven tho vertical outpr corrugatel tubes, ewh with three limeg eare Howard a tubes, shontr in the abores sectisn. The onfe nuth with ais fumber werling: in Pher mat

nothing new in that-corrugsted, tubes having louk nothiag been user; ; hat we do not recollect haviak seen sing in use with three Intes, $\frac{85}{}$ in Kinsey s patent in its
 of thes turmag lever arw two chann, comnested with lever is fulke romst the etams then (lhe arle by means of the quadrant, and thus rase the 1 mplenesut out of the prount. Ti. as when it comes ip to one heardind the enime on tha nppsite healland 18 mrown ming gerp, when it pas tha leser roma, rames the frames sli wit si wht a catith, and when up into fresh pround bs tie lerer emming asanst a stom. The steersman, who rems nis smatel all the while, then released the catrh, when the implement drops into work and is hauled along the f.eld; the tail rope beiog haid down in the reat ready to become the hauling rope when the rutivitor comes up to the haumbenat the headland occupying leas tume than is reguired to describe it

The Different Shatems of Drope Traction in the culkuown under various desibuatious, as 41 , twin eagine kuown under variour desiguatious, as (1," twin engine
and twia implement eystem.
and , twin engine snd mish imple annt tatom, or tollys enzine and single
 -single engrie and implemsut, (5), , the single engine, suchor, and implement aystem; and (6), the fiying rope and twin rigger anchor, or singie ongiae gyision (Fisken's). Then thene sre winding drums and clip drums stachetoma. That showa in the Hall by the Matrity ferm john Fowier if of is included in the tro cos nen-a 11 -horwe and 12 -iborse - each carryiag a
wimbinz drum tinder tha holter: the iwo enkloe, of



 \10esct


 empty. following engraving 1Jlustrates the athent
the Messrs. Howard-No. 1-whioh we shall brielly
desoribe thus:Acdiording to this plan of steam tillage, a pair of the land, working simultaneously two tme on each headnately between them, the two conines and two this it is necessary to make the implements elther effect on fresh ground raidway, or the one inplement go over azain the ground cultivated by the other advantageous the two mot a ferw oases may be
andents being of dulferent kinds. The drawing shows two Howard cultivators, each working half tho lenath of the lavd-the one
being a breadth of itself in advance of the other across, so as not to come in contact when they meet half war, and begin to take on fresh ground-otherwise a midheadiand across the field would be required. But, as shown, the implements take on fresh ground without either missing or running foul of each other, while
they and the engines do the greatest possible of work that can be don the greatest possible quantity reader will perceive that this mode the Bedford engines; the hauling ropes come direotiy up to the winding drumss As the implemente advance across the field, the engines keep pace with them of worl done, and the minimum tear and wear upon the working parts, which forms another important item in favour of the system, the other advantares-as the abseece of anchors, shift from one fieid to another, adaptation for any siza or form of seld aph the like-are now too well known to require more than reference to them.
According to this system, one Bedford enging, with two implement, to and fro between it and two anchors an the opposite headland, with a person to shift them an the work advances. i shorter rope, and one anchorman less, are required to work thas system than the roundabout one The first system, referring to the drawilg, may often be advantageously worked by two furrow, as jo opening drills for manure wingth of the engine, and in covering the manure with the other there beng a sufliclent distance between them for ching and spreading the manure.
Hall, but the doublene is a fine show of these in the most attention, and to these ones are engaging the remarls.
Dowble-furrow Ploughs, or gang-ploughs, as they ame tormed in the United States of Americs, where they farmer himself or his son) beine segted on the the About the conmencement of the imegent entim the Fere warmly wlvomat by Lord Somertale, whe patents amelude a number of ploughell d libute's bang, with gurde-wheels in the furrow, and ever sine the date of the former patert they have been lase more in use. The Messrs. Ransomes, Sims of Head Piris's ja shown on the stand of Howard twn, and \& Co. The annexed illustration thesrrs. I. Fowler idea of the construction of the working a keneral implement, it will be seen simply working parts. The common ploughs, with all the recent improvementa each upon its own beam, so put tocether that one mans can hold it by a pair of put tonether that one man ploughs, with a common double-wheeled carriage and single head in front, adapted for a pair of horses, so that the ploughman and his team can turn over two furrows at once, doing twice the quantity of work in a day oa light land. The
breasta sad beams are also so put togother that they osn easily be adjusted for plough. required, between two given extromes, and the drataght is smpriaingly light

| Double - furrow | Plow |
| :---: | :---: |
|  |  |
| long beent | all. |
| rivin im the plorihime fat | ghi |
| and as it hes been withsimite |  |
| plourhs, so mey it be with |  |
| double ones | The Messrs |
| Howard's do | able ploush |

consists of two ot ther single ones with all the latest improvement; while they have patented a of the diffeulty hithertoemenead, which obviates mueh furrow ploughs at the beadlands. The widn double depth of the furrow are easily adjusted.
Manchester Double Plough we noticed last year and at require further descrintion. It differs from added to in being wholly earried on wheels, and needing ploush batulles for its gusfance. ploush batudles for its guslance.
gallernes, as pell ba below starz, on out-turn in the gallertes, as well n - below stara, on the stands of the
above and other firms above and other firms Tlere is evidently an growiag on billostdes, Open outeastings bave from tima immemorial been objeutionable, aud with the increasting rales and hay mowing and respung machines horse rakes, and hay makers, they are beooming dnubly so, arm unusually conspicuous, botn below stain haplefrees, galleries. Wै have moted butn below stairs and in the
a wide feld of detail. Suffice it to say, that the whole awide feld of detail. Suffice it to se
Lend Pressers, Clod-crushers, and Rollers are not so numerously represented, but those ou view are of the Liquid Maru.
Lownd Manure Drills, wo, continue to enjoy their growing papularity, but not quite so hichly as hast
year. Whether this is owing to hiso weathcr we shall
not say. Fater Carts are on the incrense. In ony of them profess, so to speak, to be adapted for apyly ing not only
water but liquid manure to prass-lanis and itowner crops in drill, as Turnips and potatos; but all of then aro subjeat to one objection-too high, so that they dash the water and liquad manure with dostructive force against the ground, thereby closing its pores, and moluring the growing crops; it also wastos the ferto the land should be on the maro. All liquid apphed as to work its way gently and imperecotibly ss it

 drry gloase corn in thordel of his phan wita
wet scrun





 more consplcucus than humerous ratalogues have
Too mueth cannot
keeping paco with
and other bsinz, or Whemoryng Proxesdily as numerous as grazary things, arenamen maohines) are perhaps fewer, buticom wer other things turn the balnaoo the oblurem.

## $-2$

wiv Evaine and Twin Implament System.

of clothing the health-giving broathiag pores purposely, Seed and Manure Drills, Broadcast Sowing Ma chues and Distrabulors, Gaping Drills, dr"..nre well
represented. Tuose on the stands of Sons, J. Smyth \& Sons, Holmes \& Sons Robert nd Jolin Reoves, merit the lumpert © Sons, Robort and are two or three varieties of paping drills, but L. Butt's oontinues to be the favourise here, as at Manchester and Leigenster
Horse Hoes are shown on spreral stands below and above-stairs, most of them old friends in their Suaday's
Moss.
Mowing and Reaping Mrachmes, although not so numerous as at Manchester, are above an averago hera their Progress self-raker reaper, whioh is applicable to lumagt alt thair machines of this class. It consiste of a bot lever with a raighted lever-catch for throwing the was done by a hand lover. gear. A minenester this noan lever leate, the ilriber ioth limi in to stide lak team at the turnmes. Burapes of hey haso also he finger-pomts to protect the kulfe, then the heel ded afterward to preserve the parallelism of the finger here with the surfine of the ground at any reamired height of stabble J.\& F. Howard have tasde qurion improvementa in proportioning the strength of parts reducume friction, and securing uniformity of parts, On ali these points they foll short at Mano Beverley Iron and Wagron Compspy have impmot their Bell's reaper, and also thoir one-horge tilting platform. The former is in the one-horse tilting reducing the friction in the erank, connectingero and slide for actuating tho knife, and connecting-rod, and improvements is suoh kmife , and the extent of the roduce the price of the to enable them greatiy to have applied have apphed self-acting apparatus for tiltug the
Ilatform.
and Grendenty Mdls are very mumat co than last year. 'They are, howerat, eqult tive, very littlo whole cortin of any kund bamen o l.ve struek
Chafl-cutters- - Inng or uncut hay is when civen to horses in the British capita, sdid
doubt one reasnu why this class of mitam doubt one reannu why thas dass of math
numernialy exhibited at the Sra thied Cha The prying of chaff to neat cattle sud steo extenling throughout the proviace
a thritlleas and thateful practco.
S/raz" Flemators Stachend Apparades me expafol those of lant. yolr. ILe tsant of soul exishbin t by models, fickrelothes are very numat eficient. Teighe \& Suith, Limehouse, Ind Gartard's circular rick oover on model netad gizes, which is intended as sa substrate firi G. O. Gooding, of C'helmsfor
which not only answers for
hurdles and providing shetter

## shepherds.

 equally numerous as ohaff-outhers, and notice, The Beverley Iron and
show z Bew patemt Ghow shen patent turmip-onttom, patent, is the attarisimer of a row of the front plate, whioh clearl the Entres a round of the broken bits whach ased cleanor and more easy cut, size of slice. The machune a *o more wo setutte more clean. thus taken round in the har thereby earthing the whole and
of cattle-men and shepherds


Havmrking T/achones have alsn
 Society, Tno Mesers. HnTrat exhrbit therr cantral on hay anker, patented in inbi, and since improved on their own home farms, where its pepultar action bas been tested in every possible way. The primeiple of the improvement consists in placiog the arle of the rork barrels dirently in a line between the wheels, and the Gerass alone thas herctofore, so that the forks lefe machine to work cqually trell in erosssng furrow a the evel gronind. Anothar s.lygntage is that fline is on dead surface for the $f_{r r a s s}^{+}$to lradge that thare is inse working, and that its strength, durability, and effentive Forking, are increnseri.
Morse-rakes and Hend-rokes tre hoth mell renreof the former, such improvementa have to berpported and adapting, such as the seat of the driver on the rakn. and adapting the leverage for rase, being and undoading the hand when actiuated by the foot when riding, or by Hay and Conking behind.

Imazimbores, stalle, manger: larmeses, d.,
Loniton firms. for, and so is fand Pigquities are oqually for, and so is the poultry-yard, anary, to individualise.

Worlels of Lahourer's Colfates, exhibited in creat variety; sn are
fencing and notins, shern-netrine Carto and IFigozons whieh ganed ofentier ara all I ve narl minny tinne of the Hall, hoth helow and robsez for all riasees, sprinze arts, vans for Gitl e is.

Dratmant Tonts nend lipes, brick sud the where then pumps and pumpring arparatus, Tite thow: ulz possess very high merit. inclucie coffo-mitis Kitchen Furmitwre may incince comans,
cofie poti, triohen raxgis, and 000 , includiog,
ing machive
Chumsits as last yeak, with the excoption

(1stent), 10 which the nock and lid of the crass, or tinned wrought iron, turned perfectly A canical wooden eover, seased with thied and recured inside the neck by a com-
 d by a look. The canarare made in at
oharcoal tinnod shook arom, and fitted (itp...rs Tools, grindstones, taw-benches, endiens mis is. Ha , form another class
, il .hanures, oilcakes, and feeding stuffs, are ain repe helow stars in the armad sencentrated firg man re helow stairs in the arcace, sad by Raynoird \&
 duacrams are drawn with surprising fidelity of purpese trac effeet.

## SEEDS AND ROOTS.

Mown Hooper \& Co, aeed merehants, Covent Garen, artibit s fimely arranged seleotion of seed Potatos nisung of amall samples of the most noted varietioa
she day. Pateron' Bovinia, or cattle-feeder,
 dicater a vigorous constitution.
Mears, Thumas Gibbs \& Cow, cormer of Half Moon
 plendid eallections-1st, of dried speuimens of aeleoted Wheat, Harley Oate, so. ; 3d, seeds of the sbove two
 Whating upwards of jolh. ; Iellaw Globe, Orange She Long Red zariety; Swedea, excellent; and this also aphice to their purple and green Koal Rabl, their
yellown white-teshed Turnip, and to thesr l'arsulys ad Belgran Carrots.
Keeser. J. C. Wheeler \& Son, Gloucester, exlibit a fine colleotion of roots and seeds. Tho diferent Quality. Stroestrgi Picaarilige, Libud \& Co. W., have, as as usual, a large for i, tastofully laid oat with magnibicent roots of the peciuesor of all the best Grases, thus illustrating the prormane of their mixture for laying down latid to thaf zorn-out grass-land. Their Drumhead Cabbages
 Long Red Mangol wout A Gourd Oral Mapgels are also unusualls large and fine.
obe varieties are also splendid ; Swedes and why fine; snd the geme may be said of Carrots,
Raynbird, Caldecott, Bawtree, Dowling
siogstote and Mark Linae, London, exhibit lasingstoye and Mark Lnne, London, exhibit Minely sereuted samples of agriculturil seods, inoluding Muit, ans manures, all of tho very best quality.
 Grayles of arricultural seeds and specimens of the Warenousa, Thomas Harrison \& Son, Midland Seed Warmouse, Leicester, hive a splend:d stand. The tod of the very best quality, and this applies equally Mewra, James Carter \& Co., Eigh Holborn, London, have moet mannificent colloction, very skilfally lamers The aplendid show of roots aro from the pans, and pots from the formpr the spetemens in garden Spans and poisfrom the former. The gizant.e Bra-salls
Sprots, whioh are witnout a rival in the Mill, are most attractire objeots, and so are the enormons. DrumMr Robbagas and Drumhead savos, produced by Wout Loap this, year. The Warden Mangels, Mam-
 Sweine wown by 13 Alian, ing, Wexford. The Kolal Ahre vere erce: the yellow and white-flesbed Turaips Carrots and Jerkey Parsnips The Sugar-Beet and the Prenfe thin salai liest" merit the nishest comuan-Paten-s i hare is a fare show of seed Pokatos, neludiag Tranitia an ont interesing to ga leners than farmerr
 IPaniviven plloe Kisw, (Great Courglesha 1. Fiseot In trael, swelles, add other roots, whove superpes, practicaly is atitiactiog the attention of ind remarts are but of madrumo size, finely and remarkabsy free from abmormel growth ar
unueathy developmons; and this applies to the Man-
 ment, Reading, Berks, show a splendid oolloction of ithoir germinating powern. The roote ave unpar eroallont and finoly erramed. Tlo Mammoth Long oblong orange and yellow varietios on eilther side are awaty ent, un ? Laivernatls s lairei hath for sile aut end to is their Kohl Rabi, more espeoially the grean variety. The yellow and white-fieshed Turnipe are alio very fine, and 80 are the different kinds of Sugar-Beot, Carrots, and Parsnipa. The Drumbead Cabbages are
remarkable productions of regelable growth. Their specimens of soed Polatos and 80 are Drumanond's Patersou's Bovinis is show, the Boeding Onions are also ercellent, Will, Westbury Firm, Westoury Waks, has a mont ettroctive axhibition of hio Weatbury Qwedo, all growing an it were. He nibo thow his Rsbi sad Belgian Carrots.
The almost isoredible size of rools thown this year remark in conclusion. Whon Cabbiges weigh 60 db . and upwirds each, Mangels 48 lb. and Potatoo are former (Mayyels) aro grous a yer acre, and th toms of Potelon, does it not augur well for the futmet :
At the annual dianer of the Srithifeld Club, beld on Mondsy evening, in the now ditiag hall, a larger number than hut been known for some years absembled. giving "Suocess to the Smithfield Club" his Graog remindod his tomerers how the society, from s emell beginning, had developed itself, mereastng more and parity until at last it had become the monst jmportant agricultural amocistion in the country. He 1hen drew 2 comparisou between the Royal Agriculuaral Society and she swithaield Club, tpeaking of the former an Club promoted the feeding of the maimala for the use of man. Lord Walaingham returned thanka for the prize winners, expressing his gmtification that he had whech ho had exhibited. The noble lord expressed bis opmon thit the show whs, on the whole, a firir average one. Hr. Keary, for the judges, said that hat
show was a good avorage one, no dont, but he hod
snown beiter animals take the gold medaln; atill he


## Highland AND AGRIUULTURAL

AT the monthly meoting of the direotors of this
Society, held laty weok in mas reoved that the
anniversary general meeting of the society should be anniversary genaral meeting of the 8 o
held on Wednesday, January 19,1870 .
Dunfries Showo. The followiag are the privoipal pointen moticed in the report with reforence to the show to be held at Dumiries in whe resolved to edd a seotion for Ayrahive cow in-call, of any age. 2d. That the promiums for stook should be the same 24 at the Edinburg ehow, wite the exception of those for Ayrshure cows, extre horseg,
and Iefoester sheep, in regard to which s modifiontion is proposed. 3d That the premiums for extro sheep
and for dairy produce should be the medium gold and silver medals. 4th. That E eilver modal should be given to the commended animals in all chasen of stock, and as ad prize for poaltryin place of the Brover were racornmended:-1. No animal to be allowed to compete in more than one sechon. to regulations $\overline{6}$ and 8 , birth of as lomit mevem mantha alf must bo certhfied; and in regard to regaiation p birth of at least nine months foal, 8 a hores He shall exaraine those seloctod for prothe jadges finally decide, but the veteriuary aurgeon shall in no way interfere with the judging I In the class of horsas, all breeding stock selected or premuums ouly be catt by him on the ground of unsound nese which may be likely to affeck their progeny. 5. No probeth approved of the variows surestiens contained in the minute in regard to the Durafries show ; and the regularions matructeding of mambers to be hald at Danfries on Wednemdy the lith ourrent In regard to the implemeat department the board resolved that the judges at Dumiries shons ong done st the Edinburkh show for yeneral collections, and for now in wontoons or umprovements, where a trial is not practicable.

ases spurovelt of by the boart, and the socretary was
 -ha currcat.
Premitess far Fasang awd Reporta. - Tha followink

diferent mose recentiy miturducod: on lambing and the durassee meldent therota, partionhily whather wome of
 limited to ebopherdt) : on the methot of manawseat of moods and lorests in the sohooth of Germant, Hanotur, Fraves, sul, ther parta I the C Mhituent wo tho
 very differont soils, etturtions ead exposures; on the
 remaie on the sround for mome week before it in oovered: on the onune of the filure of rintar Whan
som a fler marly Potato lifhed in Juiy or August.

## Tarmers' Olubs.

 Lonis mome very discurave remarks on whe geversl relatwon!
of landlord, tenaut, end lebourer, he discucod Ms. of landlord, tenaut, cod lebourar, ho discuese Royal


ME OADLE's Poly or Fanc Aosemarys In the your 1898 the llogal Agrioultural Bociaty arvemont, or an efey upoa the metre, and in a warding Ehis prizo to Mr. Chado they reoognive she extion how fry my views may be endoraed by tho members of this Club, butif the unotive power of the Royal Akrioultural sooioty will essist in carrying out the rovoluthoul pronuved in IIr Cadio's arreement, it think wo
 tory moje of tuithg ent justice to quathag tomants. Thas whreetrent mets lurth that the suraw, hay, ba, ell roote of every dewartption Do ponmsmod on the firros exoept thut oertidn quatithes of hay, Mlumw, nd muta bo milli, tio

 ponder it little bottor thin rutiod fraw, returratiog mothing












Nuch Trme of Enter to Faems.

Much direraty of $u_{4}$....a cints on the time of quitting and entry on farms; it is contended in rome localitios that Wichaolm
change than Lady Day.
It fy not sineral fo my foonlity; but on goveral coconitiont 1 bave wiod on farma where a change han tiken phoo








The Labouber.
Another most important consideration for the good oottage aecommodation:-
We are often told we provide onr eattlo with camfortable
 nharget
the way of the great good, but there io much atill to be done to make the matter as satisfactory as I could wibh. Lord fapourer wo were not to expect a return for our capital direet, but muat charge the additiunal corvenience we receive with
gome ebare of the expense uncurcen, which sbouli be lorne hy both landowner and tenant, and in that view I think he woilld
find many of these heat nble to form an opinem join bim. The lahnurer must hi better edueated, and with thet therensed
 him, and slicilet make Lim 3 better Ialu urer, and that kime information nakes him more alive to the pootition in whirl he has been too muck of a reprosch to our clase and of $c$ in
misemtion by unother. r beliese the ngricultural labourer of thifs kingdom prill bear fractumblo comparisin with tho
 make the eervice ho basto perform wore mtrieate thith formerty., The education of the labiourers' chlldren will occmpy

 addifion to their th, $k$ inewledge serne scheme carl he devise 1
 fact every new appliatce firs the Ratural ciliticatun of the the ahape of nachinery uxaro costly than formerly, henco
you requiro a leeter inan, is moro intelligence mist be bronghi to bear in nearly crery brasech of latyour in whatis he is engaged.

## Gaye.

The next is one of the most diffoult questions to deal with in co
Mr. Cadie, in his ngreament, providea for tho destruction of

 pilaced will agree with me ibat it is surroundell hy a variety n

 or his itvinery with n motry yealoze e ye thun the me nlluderit this kind have yon not funul that in howtice to quit h2s


 this kind I be tese ri, \&reater evil existas than this ger





 dentruction of thom it ary trine, but there providupdreda of sithough at night they wilt, you ty hnodredsing to the utter
dentruction of your crop. Now, in manes of thin mort, the stipu
intion affords ention affords the remedy, ymi have no power to enter the
 sacrite ge.

## The Lfice.

One word unnn Sente harming and leases. As you are aware. in sontland the general system of tenure is
by lease of 19 or 21 years, renewzble at a certain period, prior to the expration of the term specified.
The system of farri ing there has mpich to recommend it to and prouperous, the amoult of capital there invested rontrast-



 We were thd by tbe lite. Mir ir if fmals $a$, thearo mal that a yearly tenancy will returzi the gardun to ita crikizal

Possibllitire of English Agricultere
Ifeel persuaded that if either of the systems here
proposed were generally adopted, it would tend more this kingdom, and would double the availablo food for the penple.
Mr. Allizon has recorded an opinion that the bubbandry of


juphoveninat have in these days clanged the naere practice of minhinery, industry, skill, and perseveranco to the atziugzle of competition. This is nnother great change, hut we must eon
gider it a great progreso, as it demnnds bigher eff rrat ind a





 In agricult ral athner he th, 9 a lidreges those pregent

 that where the Landlord wres found the most oulightened, the enant wras found in the most flourishing circumatances; the te mant knew his duty to his landlord, and the landlord to hia
tement it partue than that if luases, and his opinion wes, that till $t^{2}$ it ${ }^{1}$ rattots wh fairly and cleariy understood, all their
(ft $n+4$ after is privement would fan ahort of what they
 a mais a fowl whon investent has eqpital a thant security Mh
 Inincolanhirel land was ocerapied from year to year The farma generation in the hands of the aame fatnily of tenants, who ountidered if they had leases their farms would bo ro-valued, and might be called upon to pay an increaso of rent, which

In trie firat plame If fifl matel in
 the investment of capital tending to the andenenfence of the occupser, and an increase of value to tho landiord with a largely inerensed production for tho bouefit of the nation at large, Secondily, in cases where au cisht should be puven eatending a leasn a laheral temant. fight should be puven, extendiug a crale of compensstion or unexhausted inprovementa, or for clean farming to such an extent, or in sn equal ratio to that proposed In the amrement selected by the Royna Agripaltural

During the subsequent discussion (after some aplanatory remarh = by Mr (CiJLE)-
 there ware bed tenants as well as bad landloris, An agroe-
ment cuts both ways. And that was true atso of ome clage Ifs agreements that, was worth all the reat. "The clandlond werert improvements made by the tenant, for which foll permapensum a has net been recoived." As to arcesaive rental, he
 and the result was an increase of BA per scraover his valuation,



Fould annithilate it if ho conrd, but the gentlemen of th
county loved sport, and he would give them ercoraument

 dratri was now perfeet, That cortalnly ought to be emat 1 i mermanant impravemant, and the wills ir foris. in

 Which remther who spant $3 /$ an
and conammod on the farm, Now, will gon the a mat frumb not to sell his hay and straw" He expended zomin a gear for was to conslime straw and depend on roote ; and he ought to have antme recurity




 was, that the farmer tilo comathay
exay, striw, aty
, and the manure brourt beck in return
nome manure brought back in recur

##    

Farma Memoramid
WRST Glotcestersinire - Decte sererity upon us unusualy early, when with snow, and several rather shan hat
followed. Thas somewhat anowed bro securing of the root oroph, Neide proceeded with during the past mide w
a very favourable time for the cares on is now protty well completed hensor, a day too soon for we had smotherf mormang of the ist itist., arcompanamatas which has very nearly put a stop to pare adranced fortunately he has nem and Clover leys aro the plant appearing strone
chay soils, which by the ray werosone ver rough state, and not
atherwise worlil have clone
as it was sown. But upoa
abir secd-time could sparcely bo deantel has been taken as mucll as possbie of wis Weather for tho ecretica ont of the oung lux f roots nex thar. W o qre bow woupamia and subsuilang the land, if plan Whach in: to see more practised than it is, sor 115 Worthy of grester patronage insurin production of heavier erops of rooks
Stock of every desoription is cel. 102 Rs are more sought after than comon at th yoar, owing probably to an abundant suph. cows, $16 l_{\text {. }}$ to $22 l_{\text {. ; beef, }}$
 one fetching 2 s , to 39 s per head.
to 11 s . im. , porkers. 1 Ns to 12 s .3 d ,
Much anxiety is felt hereabouts herde, and at a distan 20 of severa
 Were athacked with the divease, Thic was confined to the one nomeste become infected but not seriously cight miles apmion it has brukers out, as pose any cause for the out nerather as auy fresh stock moto therr fontre to inspent ithother herds) out of curlosils, as th.s clothes from one herd to another, beast wo wivn heri to anower, as are too, should be math anatial
 Ho loniz as coneseyura of it trum berd not tax inemscises with magistrates all the varmous pet anspectors to overstep the
we really do not see what their interference. Every firral
infected will be but too perhaps the best able to manave b alace ulforin to driving our upou lss, is perfectly risht and just ago wo were asked by a neigbbourn him to lesve a tat helfer un our co
on its way to the slaushter-house granted. Upon her arrival she box, and was fetched away on the Ass soon as she was gone the con
dung, and littered down tise box a, in one of our cows, whose time her food. Havin lid not examer, beyond expectho donn: bits, as no call cume Fithin susplemens were sonn immedratesy shut ofl als comanualcatin infected shed, in whic it was in the maldes
and down for nome time; indeod,
was and
and
 - hean trir int Not one of the cattle at the home-
the cow-houss; neither did either of our Inve it amongat their cattle; thus showwe disease can, with proper auro on the purt
ors of stock, be stamped out, or its ravages tath sulet whed The fat heifer above referred to now dout she had been taken to market in a cattle m, which had had in it seasti gufforing with too Thw Hall Farm, Penderton, Manchestrb.meorest with dung-water, 68 acres; meadow covered peorefed wind dung-water, 20 neres ; Whost after Potatos, It wrees, , sere. Mancel Wurzel, wacres, orchard and
 - Withi seedu for two years and upwards. Live stook-
 obulis Total, 112. Hive top-dretsed
nis manurs, lime compost, and other manurea. used ant lons fur Pitito, Sweles, and Manreas,
five tons of superphosphate. No drainage. Since zansent tla yrice l have put uin at my onn ive subsoiled 16 acres from 18 to 20 inches deep, and embral prouphed 10 acres. Hugh Higuos, Cugust 6. Mr Il, Mon's farm hes on the banks of the Irwell, an
 The climate good for the district. Not at a great altiende, being very few feet above the river. The surface
in newry level. The soil a good deep andy loam and - Mavial Good public roads through it, and close to a


 ing, and the land sown with common Tarnips, which

 10 acre field after ceds, not so good or so clean-liad is failet in places. The meadow and pasture land pro-
il duces good herbaga, free from coarsa Grass or weels, on considerable portion lying on the banks of the river.
All the fences, gates and posts in good order. Ihudion All the fences, gates and posts in good order. Nuadm Tr ingan not in uniform order, huilt no dnubt at filferent perion: but very clean, and in good repair
4yomurdious, three neat fincy cotitages in the yard meat and in good repair. He has other callings more proutab'e than farming Ho has a good and usefu tassortiment of impleasents, and 21 staok frames, all hora, hit long greinrces, and many real yod artimals,
 is order, and we cannot see where much improvement en be made.- l aspected August 6th, 1869.

We have never had a greeter difficulty in deciding farallel we might have bad an easy task, but we heon fod to consider point by point. The circumstancog in the soil, the climate, and locality aill different parties, Higson's opponent's farm is 300 acres, a rinossy soil, and in a worse olimate, and 10 miles from Manchester Great mmonnt of money in draining, new fences, and roeds, but. with the exception of the Oats, the crops
are not quite so heary. Two points only brought us our conclusion, but whether pight or wrong we cannot not finished his has Potatos are in buttes, and he had Iuppector of Manchester Agricutheral Society,

## Miscellaneous.

Retura showing the Average Annual Price of Wheat incingive of the 21 years from 1886 to 1846 , both incusive; and also for 21 years, from 1847 to 1867, both incusive; and the maximum and minimum prices distinctively in etoh of those series of years, together



Average of tha 21 ywars Hinlmum pria
4. $\overline{\text { W. Fomblamive, Comptroller of Corn Retwrns. }}$
is a Turkish recipe for a comant thed following diamonds and other preciour stones to methllic sur faces, and whiok is seid to be capsble of atrongly uniting surfaces of polished steel, even when exponed to molsture, It is an followe :-Dissolve five or sir bits gpirits of wine as will sive of a large pea, in as much another vessel dissolve in brandy as much isinglass previously softened in weler, as will make a 2-0unce phial of strong glue, adding two small bite of gum Then mix the whole with heat. Keep in a phial alosely stopped. When it is to be used, set the phial in boiling water. The Stationer.

## Calentiar of pperations.

1)et enbse-Carting: Keep in edvano. The deys are now short, but that is no reason why steam work of any kind should be anlowed to hal behiad, but the contrary, for the engtheniug days of kpriag invariably cluded for the time being, or if the teama are driven out of the fiald by frost or bid whether, all morte of rarting that can bo done should be set about without delay.
Feren Fom Lamd is done at this time without meat earth, fometimes only 2 or 3 feet below tho surfico Treaches are opened, the clay dus out and spread anrons betweent the trenches with itue spade or spade and barrow at the rate of from 50 to 200 cubic yards per acre. The trenches are then filled with the peat earth dug out above the clay. The work is heavy, but remunerating, and much land is clayed annualy in our fen districts.
Chalking or marling.-In those places where drifted chatk is covered by a bed of rlay only a fow feet in depth, by opening trenchea is is brought up and apread upon the surfae with the spade In other plaoas
greensand and geavelly marl lie below 8 or 4 feet of rreensand and gravelly marl lie below 8 or 4 feet of
clay, when each is dug up and applied in the game way, c'ay' when each is dug th) and nophenour
Trenchant,-Rectaming wate land, and decpening What is alratily under the thush, by trenelng. ar ber. In some pleces hands are more easily got in the present state of the labour market during. Decomber and January, than earlier, and when ruch is the case the work of trenohing prooeeds nocordingly. Shallow, rocky soils are deepened, either by trenching out the roos or by carting on fresh soil, and not unfrequently partly by both these operstions; trenohing being necessary to remove portions of the rook Which crop out in
some places nearly to the some places nearly to the surfico, and in others to the surface altogether
Fences.-Stesm culture is cansing the removal tul well under the hodge, se the roots ars emulibr and more easily out than aif the suriave. I there 15 no ditch, begin at one end by opening a trench 2 or 8 feet deep, according to the nature of the fubso and But deptr to ither two ditches, one on each side, put a dran-plpe in one dith, and then undermine the hedge on one or both sides, as the case may be. In this way an experienoed hand will mon atub out an old hedge and fill the ditches without any botheration from the roots. Before planting a new hedge on the flat the ground slould be treughed. Lime compost makes exceltent manure for a young Thorn hedge. If planted on a bank between two opeu duthes, trenching Fill be unnecessary, unless in the case of moorland : hut the voung hedge will stand more in need of manure. Some farmers plant two rows verticany on the top, others form two horizontal banks, on which the plants nre ladd. The former 18 the more natural, as the roots will not grow horizontally, but the latter is best adapted for many solls, as the roots strike downwards, and thus spread over a wider surface.
Early lamb. - On many farms in Sussex, Hanta, and Dorset, thas 18 the teigh of the lambing season. The may is ased the or the healh of catie, as mar ber jatial phygical cone dition of live stock st thit season of the year. Ewes liven ore require carcini attention both before and herefre, ra w fter lanbin. 1 . coar mioner sled ir horel cult crently faren to loold the esse thoch whth their folumer in wet and stormy weather, and such the most success ful flockmasters endesyour to have. In open weather ilhose that are able hase aren of the paxcure uhtag
the day, but are houred orer-ngght. Eives abutit the lamb shouid have a small paddock close by, as they will thus do better duriag the day mild westher someparticularly if we have the very mid. weather some-
timea experienced this season in our southern counties. Thes, while it is equally well adayted for indoor feeding in stormy weather, and for the lambs when they bexin to feed. They should be given pulped
along with a little meal an Ciover hay chaff. $I F^{\prime}, B$.

## Notices to Correspondents



## ? <br> 



TA T. ARCHERS "F




## Two yrin mids

An fiviprorod makio s yirdo rido













## Horticultural Glass Warehouse.




$\qquad$

 AHYFT OLASS in made anty to the followiag subuthocen 25 Cz 1 HARTLET'B 1 M1PNYED ROLLED ROUGH PLATE in




## NOTICE.

ROYAL HORTTCULTURAL SOCTETY, LONDON. ROYAL ZOOLOGITCAL SOCIETY, LONDON. ROYAL BOTANIC SOCIETY, LONDON. ROYAL BOTANIC GARDENS, DUBLLN. ROYAL BOTANIC GARDENS, LIVERPOOL. ROYAL BOTANIC GARDENS, CAMBRIDGE. ROYAL WINTER GARDEN, DUBLIN. ROYAL DEPARTMENT OF SCIENCE AND ART, LONDON,

It is with great gratification that we announce our permission to refer upon any occasion to the various

## HEATING APPARATUSES at the above, where our "ONE BOILER SYM

HAS FOR YEARS BEEN SCBJECTED TO THE MOST CRITICAL TESTS WITH EYERY SATISFACTORY RESULT. IT IS MATCHLESS FOR EFRICIENCY, AND IS WORKING THE LARGEBT APPARATUS ON RECORD.

These are no theoretical statementa, but positive facts, and it is not too rouch to add, that no boiler can bonst a paralle,

For List of Details, wee "ILLUSTRATED BOOK of DESIGNS" (12th Edition), which can be obtained by adreasing a note to JOHN WEEKS and COMPANY, HORTICULTURAL ENGINEERS, \&c., KING'S ROAD, CHELSEM


Which auswers the $]$ urpose of Foundation and dshpit.
From the peculiar and substantia, manner in which these Boilers are made, they are warranted to last for years without getting out of order ; in fact we su ten years, but feel convineed that they will serve all the purposes for whivh they are minded for a much longer period.

They are specially adapted for Heating Greenhouses, Churches, Chapels, Schools, Public Buildings, Entrance Hails, Warebouscs, Workshops, \&c.

## THE FOLLOWLNG ABE TE\& ADVAMTAGRG OF TERSE BOLLERS:-

[^42]THOMAS GREEN AND SON, SMITHFIELD IRON WORKS, LEEDS; and 54 \& 55 , BLACKFRIARS ROAD, LONDON, S.E.

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more familiar plants alroady grown up, and with Thich visitora have becume wh woll sequatited. It may be hoped, on acerumt of the vaructr they impart, and the novelty they may be the imrang of introlucung, that theme clasmin mey lie well extension, in co fir to maybe neconeary to briag sbont the re-appearance of meny of the chaice aubjecte of former times, now raroly mot with, ownet to the limitation of numbere, and tho com-
 The deprectation of large colleotions in favour of larga individual specimens has had thi mont undessrably effect on 'erhibitione gemerally, that It haw materially curtioled the variety of exbjeote brought forward, and thus don+1 ita fart townede bringing about the kamenews, rapetition, and monotony of which all claeass complain. It must, however, be confenned that the expormmente the Society has mado in introducing clames for the admismen of new muhiorta and mow exhehitarn,

 permanant mf rem bader haw hood is th bre mecured, of avoding futher rhas ga is thesn clanctis fir wimm fuw youtro at lanat Havis of the character sought cannot be matufartircel
in a passon, to moet the pordice of a prize arhedula, it takee a prod grower two trara evon more to approach the style of growith whach is atmed at. An eosurance on the part of then 'Society that pointa like that we are referring to, will not ba niterell in next year'a Echodule, winhi do much towarda inducing cultuvatore to mako a new etart with the 12 -1weln pot specimenes.
Imong the novel fantures of thiw schedula, as comparred with former years, fer find that proviann ia made for a semowhat impentant show of Gindol, Whth a premier prize of $1 \mathrm{Mt}_{1}$, aff. Fund by the Duke of Booclecon, tas l'rpusient of the
Girinty. This, with the other prizes, will w.e deuht hring un a gracl contatitition. Then wer havo Inams and fuchends nitrmata wid whe met Reges, no dombt with the if jeet if taking off the filatne which too ofton charactentman a jurr Rowe ahow. In the early meetinge of thi wear wo find bedding Pansies in bozes, landy Prim-

 Dielytras, Ivies, \&c. There are also announced two prizes of 101. and 51 ., to be offered in 1871, the thre exhibiwn who, during 1871 , sball obtain the largeat number of marks for specimen plant
So much relateq to Sonth Kemmagtoti. We get, moreover, this ypar, a vast improwement upmn last, in the early announemment of tha sine.enty own portion of the siheduln for the fixford
meeting (fixed for July 17 to 222 inclusse and Which is to be pupplemented herwafter by a maternally difforent from that of the M incherater meeting, which, thomgh issued an latn in than seaunn, brought together an oclmural to na well nu amploexhibition. but ita early announcament enablea us to note that various outdons flowara. which ton often lonk wretehed whet ahawn as cut apmeimena, are hre invited in jota, en thlexas, Fentstemona, Jelphmums, Intirthinums, tall question that all thers can be grown nud shown in pota in admirable enadition, and that if well done thoy will form a very atriking featurn of the show. Wo trust to 800 that the $0 x$ ford cultivators, and many others of our enterprising florists, at least in the neighbouring counties. will have talen this hint and profited by it.

We mentioned the Dublin Hyacinth show last Week, and Fe may now add that the Royal Caledonian Horticultumal Soviety will hold a Hyacinth show on the $29 t h$ and 30th of Merch.
The Royal Botanic Society propoes to have threo summer and two opring showe, each of two days' duration, to open on frarch 30 , April 1 May 2.5, Junn an, and July i, rasimestivel
 diysorruphed by the Roval Hortwentural maciaty Wimperdas in Ianuars ated Frhmiars. the forat
 and the t,rat and thirid Widaroware on then 11 tar ranulg moths, exrept July, whan the meornid
 occurnog on the 1 ith of that month. Tha Committes have their new plants, flowers, and fruits to adyudicate upon in midition to all thus:
 espocimans and enbijecto to composition,

## The Garveners' Chromicle.

SATCRDAY, DECEMBER 18, 1869.


## 

wif Atmal minge plants, Azalean, in havo fran firmpertion nthars than thome Ow r itpons. Thr years training up planta for disin, hicse and greminhonse plants, limited bug of riva karifs. restriefal tor amatavirs

 ifir i- l. son, with $\Omega$ almar linatation as to
so that exhibstore and ennmurn have $2 b$ ous work
 thatter than by wishnug beith, in the campayes of 1-ill, all the grond fortune wud saturfections whach


## IAABT week we inerrad and ixtract from the

 Echo, hoeded tho Treunn if falit vishs. In
 quito another chase ter Hie ssy granfuls.
 11+1.s15, to whase akril and wisth wio have
 action, it in a inmiter for humilation ntad regrot that the poud underntanibug that ought to axset inetween ouphoyer and emplored. particularly afler mo meny youss of fauthful marries, ahould here boom mo rudely outremed. Wo erthot the forlinwing particulats fratr, the colnmtor of the


 pens of our itwa roporter in Apul hacl, and whach will furtaoll es unprojuiticed at. 1 correet ar reply
 letter as could well lim gryan -

Jibel,- Barnes + Jady Rolle - Thas was an action fre hibel is the Gueen's Bhench, in whach the defendent Lady locrias linitim, had allowed judement to go by thefacil, and a writ of snquiry wan executed in omon
 (vath whom whan Mr ciof its apponted for the plam


Indy RozLe for nearly herail kardener io Iord and Lady Rolle for namy 30 gearn, at hheton. lhevonshire, and, sooonding tos has towtimeng, and that of matiagement of the fardent herlowed grest care on the
 mis, the hortieultural Fiditar of sham Fimele, Mald they
 hal worked is hours is ang, an! wan obligiod to remith the wiluntinn through mariaus ollowen, wheh be had

 reluned, the sction wes brourtht, and hady Rouby hat not pleaded. Mr. BABEEN had obtaincit prizes for to the prizees.
"The lettern were pul in ef evidenos, and cho perarpen conaining the libal read to the jury and wero net forth in the proneoding.i. The fint wotior wa chased anme of lady fatile e's kurnlua l'joes. The firis nute was in the followink terms




The amend Ifiter usa batel then 18th of June

 ber lads ship totade tho follownit is ataketaent.


"The plantif was now fis yearn of age. He kid when he left Binton a Rervine of plate was premented to him, sud when be restgned the kardens were in s him, and when he reasigned ihe kardens wath Mrs. Cathinuris refual to take any more of the surplat
 the rardens to he sepn withrut her permasann
uSnerdence war gren on the part of hady RalLi.k.
"Mr. berjeant Hubiman, in his opening adtrast and in oumming up, asked the jury to sward fant aan thmpernte dameges MT Barses felt that he had beea berdly used by the eonduch of Lady RoLle sfter a barvice of nearly 80 year to the lato Lord BoLms and to her bedyoufp. Tres jery wond hin by the
 without her exprow permicrion. The learned Serjeeat gaid that pernona in high mithtions were to bow row hat but when they forgnt what wes due wo thomstible. Hus fathfulty nerved them they bpeame contompary. leamed irsend had bpen that tholitpoent onme entior,
 no meed of tho proment froopedage, hut rather than do antaned her dianity, and the, ary would now ray wheifar
$i=1,18)$

duton that the justice of the come wruad be medeon

Rolle was advanoed in years, and felt irritated st the plaintiff leaving her service 80 soon as he did. The conduct of the attorney, and ssid that if BABNES had conduct of the attorney, and ssid that if Barses had been left to himself the eotion would not have been brought, but it was an attorney' a netion, and he truated the jury would express their opinion by the nomina amount they awarded.
${ }^{\text {a }}$ Mr. Under-Sheriff Burchral told the jury that the libel was admitted. The only question for them Was the loss the plaintiff had sustained by the letters, There was no pretence for special damage. The lettara were written to two persons only, snd it was no beoause the plaintiff was poor in oomparison with
Lady Rocle, nor that her ladyship was rich, that they should give considerable damagee. It was their pro-
 damages would satisfy the justice of the case.

The jury retired, and on their return, after a brie comount claimed in the deolaration."

- THE following letter has been sent us for publi-
 the Agrioultural Hall, Islington, has determined to United Kingdom, and of other conntries, on the loth January next, at the rooms of the Society of Arts (in John Street, Adelphı), which have kindly been lent for that occasion. The day's business will begin at 10 A. Le, and will be distributed as follows:-

1. Statement and discussion of
2. Statement and discusston of the proposed aystom of prizes,
3. Discuskion on the opening of workshops in the exintition
4. Reports, statements, and susgestrons frutu loca

Scommittecs discussion as to the meand tu ise actoptcil to make the cxhibition promoto tho interests of teeh

Mr. Mrendelea, M.P., and Mr. S. Mobley, M.P Whll successively oecupy the chair, during the day's 4 P. Jh, and all the delegates are invited to meet the Council at dinrer (Mr. T. Hu'alies, M.P., to preside) st 530 In the eveninR a puble meeting will be held will preside, if it should be mopossible for the premident Will preside, if it should be impossible for the president
(the Rt. Hon. W. E Git dostune, M.I ) to be present. (the Rt. Hon. W. E (iladsruxE, M.P) to
The following resolutions will be moved.-
 Workzoen's Internatimal Exlahit. in if Le, What re $\ddagger$ nre the worker's narue to be attim bci to tlie articie produce , wre in the credit of production, and to inc
at the people a true percoption of what is boavififul in colon end form, and a solontlice knowledge of tha machinery and
 3hown by worism nim who can produce aptitude for combination

 atimulate the ofthe in the comeloph, cht of their laxther i.e


We ousht to add that the ('ommel atrengly hopece that sil towns in thas and other countries will lose no time in calling tozet har a publue inectin\%, and appremting moust be appoanted hy pubtale meeting, ardel we vhall be extremely glal te reinfen in rarly as possible the namps desirous that on mperatire the connoil are spane ally socreties, and morkmen: - clubs and instituten, and larme workshops will alor send delesates on this ocrasion put themselsos in communumation with us and to asours them that their repreat ntat sea sill he ulilly
 power to foclithte tha attendance of then visitera, on
receivige ocmumaications on the subject. We wnuld
 not andertaking, to appoint committees where they are intending exb.bitor, an it to appont delczates to the conference. Al Bebus Hebibehi, Thulis Phlirvon, Nov. an 1860. Soveral noblemen and and, Lomen of high position and great mituence, but whose names Fe are obliged to omit, hafe promised to take part in the meeting.
"War M. Vrethr cithitel has rabed the alarm cry of Warwith the grubant the May-bug ${ }^{3 \prime}$ (pers blance des imsects in the spring of 14,0 or 1871 , and whiob he believes will take the proportions of a great plague. Henoe daily argen that it is nerpsuary to act w.thout ilelas, and
 dug whity pmutry, as som as the kround is pimushen is aparrows, and bedgehoks, thim great enemies of Maybugs, must be premerted and encourazed.
Aeds of the two Conifers callod THCis asple of the the true and the false-for the purpise of akain direct-
ing attention to the confusion existing in gardens, and parpotuated mo many nursery catalogues and advertiseseeds, like the plante, are most dissimilar. It may be therefore, useful to repeat that the plant usually calted Thuja sigantea in gardena, is not Thuja kigentea at all, properly Bo called, but the LiboceDRUs DRCURBzNs of Torrey, whioh bears the synonytor of Thuja Crapiana, Mfurray, and Thuja kigantea, Carriera and
Oordon; while the plant asled Thuja Lobbii in gar dene is the true Thusa GIOANTEA of Nuttall, the original deeoriber-Thuja, Mengiesii, Douplas, Car ridre, and Gordon, and Thuja Lobbii, Horti, beink
aynonyms. Cultivators will plesse make a note of aynonyms. Cultivators will please ma
--M. Ernfat Paiver gives the aubjoined resume of his experienoe as to the effeots of AnNular
Wornis in the Babs of TrBes. In the Mulbery trees, 8 s in all trees deprived of later, annular incision greese as in all trees deprived of atex, annular incision generally produce the following manifestations:swelling or tissue restorer; 2 , diametrical growth of ing of the wood in that region ; stationary condition of the parte below, if they are deprived of leavea and o buds; or, it not, vigorous shoots from below the lower lip of the wound; 5 , more easy, more early, and more
abundant flowering and fructification, 6 , destruction, abundant flowering, and fructification, $G_{\text {, }}$, estruction,
after a variable rime, of all the parts \&bove the annulation.
in India, especially of intortest has latoly been ex NBIted the possibility of raising Ifeseroows artificially was known that an esoulent Pungus is occasionally developed on white ant's nests, and experimenta have have just recelvel itore with white ants nest soil. have just regelved ia quantity or iparics, preserved 10 information as to whethor they have proved to to useful esculents or not. The speries is certanly undeseribed, but approarhing in serme remperta ni.e or whech we bave a drawing transmitted from ('eylon by the late Dr. Gardn BR, with strongly twisted greg, rrious stems, arisiag from a common base. It dees not, howcever, appear gmonht the numeraut tipuren wheli have
been sent us by Mr. THWAITR, so thati Dr. GARDNEB's Agario is probably not a common species in Coylon. The species before us probably belongs to the sub genus Armillaria, and may be called Akaricus termiti-gena-the characters of whinh, so far as they can be
elicited without dried specimens, for thoce befure us may havilost their colour, may be given as folluws :-



 margin.
Gifle
bahind

## sehind; edge ontlra, A. J. B.

- We have on more than one occasion had before TUEE, is compond propared for Abse destruation of nsects, such as mealy-bug, scale, thrips, red spider Ae, which infest plants: and our experience of its used at the strenge pesta is very satislactors. When 4 oz . to the gallon, a single application mhen thamparla number, while the fets straxplers such sis many have The murture ba to ha diseolecil after cortith The erpermental trial we have mado of help tomazds keepong a mefiertion of Jilants clean.

From anite recent experimenta be il. It
 concludes that in order to aeru.re the marimatm of chlorophylf, that is to sty a heathy ereen colour, surh plants should at first be submitted to moderated light (pew infexse), and aftertrarda, 10 order that assimilation miyy be carried on under the best possible conditions, to
 which it romanios without effeot. Thess limits do no appear to be the game for different functions thus a
quantity of light which in excenive for the production carbonio soid by the green matior alreendy formed. The maximum is not tha inr the raduction of the carbonic acid.

- The proprietors of the "Journal of Horticulthe of of of the following PRIzR for Comperition at Oxford in July yal Horticillttral society at limited as to quansity and tind, fit for the table, and sombining excellence of quality with taste is arrangement, 100 . Open to amateurs and gentlemon's andeners only.

PLANT PORTRAITS.
Brania SEDEst.-Fior. and Pomol 1809160 with tah. Begonfucere. This th one of the fineet bybrld Begoniag in ooloured. it in the recult of a crowes B. boliviennin beligg ono

 apifog the 3-Dowerod oymue, bearing
erimport, the central ote male, larker than the lateral smallor Q-petaled fernalek, anit composed of two ovate semals an:
ware the fo
evergreen abrul, one of tho niost ornamenis:

aro larger than in the alliod apocies, obovonze











 arin and pecudobulbs, bearing ouch a single oblong lea A. ereot recme of large showy flowers, the sopala and W. 4 of which ate oblong-ligulate, nearly coraned with is very large, obreniform, with a broad claw like base, and a plear to bo in the hands of Mesarn, Thibant and Kot li

 beneath. The intlonesconce consiots of terminal cyme pumanean large white fragrint flowars, which havo a Asuring sotene inches across, and consiscing of five uncqual
 G.utier in 1 -66.

Lacepe A warm preerhouse nub Gort, 1800, 134 beanty, growing 3 foet or more in helght and roisbed with cordiformo acuminate leaves, the steme being stinated by ovate-olblong terminal spike-like collections of Wers, whica are of n lipely rose colour, with the tube of th French gardens
 teresting warm greenhonise or atove perennifi, with nalender 5-i fi, ondiformleavon, which are aboroly keeled, and bchou, thing et the base. The torminal pedunclea bocomo divided to frim three to five long Blonder pedicels, supporting the turalng green after flowering "Our flret knowledge of inough from hes gardon by the Hon. E. Fox Talbot, Hi, to the Kow Herbarlum, in 1886 , and which was raised - sead proctured edtber from the Cape or Madagasaar. da apecimen Trof. Oliver propused the name of follozit
ot to the Edinburgh Botanic Gardens bore flowers, the ohe aftherwards changed to Talbotia elegans. Dr. Hooker or, remerds it es not separgble from Vellozia

## THE PRIMROSE.

He Promrose family is eminently distınguished St flowers as being one of the eatliest harbingers plicity and beanty of its flowers, and the delightedour which they impart. Several of the species wild in Britain, forming the most pleasing ornsats of our woods and valleys. Primula vulgaris, the a, has beenes sting by pocts, admured by lovars, and known to almost every one as one of the most rming flowers of carly spring needs no comment being the supposed varent of all our innumer a varieties of beautiful Primroses it would be hardly to omat to mention it in this short notice
of late years been much neglected, but the rame a present day for spring mardening is now the rage 10 a aid those olld eariy favourites of our youth. onths ean look more cheerful in the early spring imra seems to lesp with joy at the first sight of a marose. Mnst of the varieties are of the most essy wable, and the it free flowering properties make them The nablet hith fur beds, pots, or borders.
ver are the 1 hith-prized cultivated varieties of this h.gh prices uole ones, yet how scarce (judging by oume. In moy boybood's days they could have been rehased for much less money, but then I have no at they were much more extensively grown. I Eru si extenolsely will deter people from planting rent their berrg distrobuted through the conntry as which there ara bygone days. The double varleties, porven in pots, 32 'e being the most suitable size for a purpore, they blould be grown filt in the opien or dur...s the sumber senson, an 1 liftedt and prittect
 Eliny - tuation, or put into $\&$ cool frame, where IT mat rinain until they come into fower, and then rem ras into the greenhouse.
of the pota, and dimean is over, turn the plank ore are peses. and divide them into as many parts as FI bed composed of leaf-mould, loam, sand, and well
rotted manure, and protect them well from slums They are likerise gemes when bedded out for earl spricg. The best time to plant out both the double and single rarieties for a spring display is early in October, that their roots may have strength to fiower carl, but spridi , thes delight in ratios a strong rioh
a som all any soil in a shady situation
Inter thicy lave dane flowering divide the roots, and remove them into a shady border, composed of rich
stronz soil, and carefully attend to watering until they have tshen root, affer which they will rculuire no further care beade keepung them frce from wedluntil the following antumn, when they sla, all be raken up and planted as before recommenlen New varieties may be rassed from seed if curcrulls spereted. I have this autumn planted out sereral thultands of the sume spriug bedding plauts. Edtrard Bennott, Oibortom

## CHUROH DECORATION.-No. ILI.

Drawing and Making Designs (continued)We started with asserting how umportant it is to base almost every deaign upon a circle; and wo have alrealy pote even further, and tren ohbignd to avail arserver ol tho usu of two cufles, wiae withia the long whirh Tre again find ton circles indianen ahle Desiribe two circles from the same entre, one with a radius of 12 mehes, tho other with a radius of 5 mehoc Divide the outar one into sir parta by sir pointe equal distances apart. Do the same on the smaller circle, but place the points just half-way between the points of the larger circle, us shown on figure t. By ruling lines from the points on one crrcle to the points
for keeping flowers aluve or for rephentshag with fresh ones es they fade, it as quite in guad taste, and in every way e tumendable to use well-made artificial flowery inest foch is our opinion. We stadiouly eslect our abest fowors for church decoration, as the Jevin of old thy land thom $h a l l$, "the first of the first fruits of thy God.". And who shall say that there is not mote art in making a plant bloom well just, when ita flowers are wanted, than in any artificial flower that ever was made?
The reast dangers to be apprehen le 1 from permitting the use of artuf. ind ㄷ..hro fur (harch decaration are, first, tiant a wrous 0 , wer may bre a troluced, sey a Whate Japar I, i, antea 1 of a common L.aly, when the one b.ooms ia autuma athd the other in tarly shmmer, and, sernomly, that they are hable to bo phiced in impuisulde positions. All thi, however, may be obviated by obtsining the assistance of some experienced heed pardener or amatenr, who is familiap
with the flowern which it is proposed to be use. $W$.
IHero for the prosurt wo take late of thin portion of th
 the monatlme wo ehwl from time to timo alaldo to cartain h. raidiest modo of growing them. Enn. 1

## 


 bear still furlher illutration inormation, ada will of a practical sideration, and although Mr. Cranbs conclucions do not accord with the opinion largely entertained by


Fro. b .
on the other, a six-rayed star is obtained of corvect proportions.
Illustrations of five-rayed and seven-rayed stafs wil be found in figures sand 6 With reference to these, as well as to other stars having an odd number of ray it is worth while to notice, that when you have fixed the points upon the outer circle, you circle by rnling etermine the pointe on the outer aircle through the entre and beyond it, until you come to the inaer cirole. In each of these last two figures such a line is indicated by dote
On comparing these two stach it will doubtlees be noticed that one is a sharp or lons-fomien, and the other a blunt or short-pouted star, and, mintise examination, yt will bo seo that ane dikerenco entirely dependent upon the rejative sizes of the circles: for in the blint-ponnted shar the diameter of the smaller circle is half that of the larger one, while a the sump-pointed star the inner circle has a dede only one-fourth of that of the outer crrele.
In determining the position of the posuts upon the uter circle for the formation of five and seven-rayed tars, it wilk bo uscful to remember that they are mos readily drawn upon a circle with $n$ radtus of 20 , it which case the points of a live-raved star will be 23 from each other, and the yointe of a seven-ruyed star will be 1-1 from ctach ntaer.
 111 11.4 1 1.1. 1tp a.t. it is advisable to hatny them up temporarily upun 4 man in some place within easy reach, and thus to test whether or not thoy will, with their existing arrangements for suspension, hang square when wey reach afford ready means of making any neoessary porectione and thus much valuable time will be saved at the final hanging.
Afticat Flomers - Many qre sectastomed to condemm the u-a of artificial floners in churehe, for matter dapend wion the gualte of the thwere, urem matter depend upinn ine qualrace, diaplased in then manufacture, upon the extent to whin they resemble and might be mistahen for, the lis nir ft mer-. Ahants made artificial fower ought never t.f be allowed tin come into a church-it were better to have frde n dead flowers-sad better grill to bave forer to
 tations And whers decorstions are requred to las

Tiuegrowers, his argumenta are not the less msthoutive and have the recommendas not, as far as I am arrare, been fully investizated, wiz, the peeuluar 'haracter and qualities of the various , imestones ia relation to hortculture. Experience to the best tearher, ant information comine from persons who have practicaliy tested the vaiue of the diferent limestones on their matural beds will materially advance the inquiry. Your correspoudent " $B$." has brought forvard many arguments and illustrations in favour of lime in its various conditions in the cultivation of Vines and there can be no doubt that moila wich from contreputy to chalk, and
 mimiler am maza mon those that are hinely favourable for frum . nd Vine culture.
Limestone formations are extensively developed in this country, and their partial disruption and degradstion during the drit period caused the matters componing them to be widely distributed, sod our best snils have been strengthened and fortified by the admixture of calcareous elements; lut it must be remembered that lime, when thus amajmamated with soil, is no longer caustic in its actinn, but by the loss of its more active properties it has become more identified with the sorl of wheth it forms a part, sud more avalable for the support of reselation.
the great limestane firmininn- at ther now erist, and
 roek on which it rests, does not contann all the fertile qualities which are fount in the allurisl soil of the Talleys. the numeviar limovone in Yorkntire and Nottinghazashine, vithont adventitio
formations, does not present any Cormations, doos not presen
hasis to work upon: and, ind
 certanaly fail to afford those elements of nutrition reginred by that piant in the artificial and firengg stone will certanaly exermon a rhemmal influence on stone wit cersed to 11, qud certaiu kinds al maxnesian mathers
 posed Thie ctobe exammed rheminalls has hefn follon.
 Ime and two of minincia The maznesan l me in at
 air, while common lime had 1 mminad $t$ itha of air, quantity, and to thos noll-zhonration for s longer time in satate of caust ity, the matrion
quality has been attributed. But, however objection-
sble masy be the lime and the exposed surfaces of magnesian rock sparsely covered with soil, there are many places situsted on the msgnesian limestone formation which are exceptionally favourable for culture; but it is where considerable deposits of drift of s lipht lonmy character have been made, or where broken up during the olacial drift period, and rendered more frisble and mouldy by the subsequent aotion of the weather and artificial management. I need on
instance Bury Hill, pear Manofield, where Grapes ol great excellerce have been grown.
If we turn to another great lime-producing formation -thecarboniferous or mountain limestone- questionif instances can be found of aoils resting immediately upon that rook, and derived directly from its decomposition, being in themaselves rioh enough, and affording al that is required in a soil, to produce Grapes of superior quality. Although it is highly fossiliferous, the true crystalline in character-so much go, that in Derbysbire it is worked up as marble. In some localities, neighbourhood of trap dykes it is bituminous in character. This description relates obly to the limeform Vine soils, wo resch as beries of btratified beds frocinted with the mountain limestone, and derived from the degradation of all preceding roctes, exhibiting great variety of composition. There are examples of sandstones, shales, slaty flags, and grits. The waste o these matters, Washed down the precipitous Derby
shire hills, added to limestone detritas, forms a coil that posseeses, with but little srtificial aid, every constituent of fertility, and has doubtless greatly assisted
the cultural efforts of the great gardeners who have the cultural efforts of the gre
rendered Chatsworth famous.
rendered Chatisworth famous. The extensive and importint oolite limestone forms tion stretches aoross the country, from Lyme Regis in Dorsetshire to Yorkshire. It appears in hill ranges and elevations of the excellent altitude for climatic
advantages of from 400 to 600 feet above the ses; it is throughout strongly calcareous, and varies in com-
position, being in some instances soft and frisble, and position, being in some instances soft and friable, and beds have been swept amay, and deposits of marly clay left: The lime soil resting immediately, ond it is only within the last half century that its capabilities, in an agricultural point of view, hare been appreciated. With crops are obtained, but I cannot regard it as being culture. The rock is cold, retentive of moisture, and not broken up sufficiently to allow the penatration of roots or the passage of air, and sigein I am unable to cultivation parsued upon this limestone, and on the Which everywhere intersiet the hill rapges, an accumu which has the character and some of the qualities of rich alluvium or loam; with this natural compost at command, s good cultivator may justly calculate on satisfactory results in Vine culture. The vineries at Belton, near Grantham, situated in one of the
valley's near the limestone hills, for many yearsafforded Falieys near the limestone hills, for man
the finest Grapes grown in the district.

I think it will be found that very many more instances of sucressful Wine cultivation will be found itself. I am not indisposed to believe that chalk being aofter than ordinary limestone, uncer cultiration oe more readily arallable, and its cullicity less than the maxnessan lime; stlll I am peruaded posts nature has spread on our hillsides and on the plains and valless, composts that contain all the varied miners riches of calcareous hills, contributions tating floods of the drift period, matters sielded up by the old som-beds of the lias, or borrowed from the
ky pseous beds of the red sandstone. These loamy deposite, some the gifts of great floods, These loamy matina mad year pursue their Fork of mixing, amalga-
moila that sive nas the beart corm, the best vegetablen the Fion olond imithto theo in brepuring mution for our Ingram, Belooir Camte Eondens.

POTATO GRAFTING.

of my getting ont of these "ruts" for the next seven
years; and I do hope and believe, if I am permitted to live so long that 1 shall be able to show you a fine smooth surface, with a good sound bottom by that time. of trials, my Dukes of Oxford, viz. good male Potato sires, which merely want "licking into forn," and this
must be done by cross-fertiligation again, kidneys must be done by cross-fertilisation again, kidneys that those kaleidoscopic "fellows,", Which you so
pleasurably animadverted upon, could be placed in a pleasurably animadverted upon, could be placed in a their creation for nothing, and I could give you a correct pedigres of exch "coloured piece," though I own I foar Dame Nature will ever play her pranks in her most precocious moods "advancing back wards" as Well as forwards. But she will never recede farther
than natural origin, jet it be human, suimal, or veretable. No art in the world could induce that whld-looking seedling of mine to enter into any other
than Potato existence. Was there ever a perpetuated than Potato existence. Was there ever a perpetuate
cross between the pheasant and the fowl Then
must beg with yourself to remain very sceptical undee
about uniting the distinct genera Helianthus and
Solapum. I stick to species, and the varieties of species, in my attempts at improvement, dismissing for ever from my mind considerations how men, once monkey, happened to lose their tails through an affair has certainly laid those who have hitherto practised, or recommended its continuance, under ridicule: but there is much more reasonableness and hopefulness in it than there would be in grafting the Artiin the one case, impossible in the other- and if any good is to be the result of my persistence in grafting the Potato, I do propose to follow it up; and lif it should take me about as lonk as the cross-breeding grain the "brush," and Nature would, in my regards, have "advanced backwards" into Shakespeare's to advise any one to enter on the improvement of the esculent, as a hobby. Let me rather advise others to
take to Pelargoniums, Roses, or Pomology: one auccessful effort in those wass will bring them more credit and acknowledpement, in every probability, in a tithe of the time than a hundred masterful summersaults in the other.
Great satisfaction, however, remains in the consideration that we cannot all produce Yorkshire Heros, names in connorn to we Kings Potato grafting, now that it hes met with the prominence you hape bean sood enough to bestow upon it, which you have left out, and whioh should be remembered, viz., the Rev. W. F. Radolyfe, as being the first to apearth the process, and Mr. Thomas Almond, of Bedale, York-- reftamby not the least rominent of itorlasa yet in the
fleld. I still retain Mr. Thaylor's notes by mee, oarefully
guarded as the apple of my eye, but I feel it due to
im for mo ero long to return
owner: their honest open faces first proved to me that
in them there could be no puile, and so it has proved, in them there could be no puile, and so it has proved,
and will prove more and more for many years to come, or I am very much mistaken
One sentence more:-I think my friend Mr. A. Dean has hardly treated this subject with his usual acumes. If he would sllow himself some opportunity that be objects to its being named a "stock"-and the graft, in tho light of cotyledous, as merely supplyiag patnlum for the subistence of the young gerna
can by a very slight stretch of the imacination berome understood how the act of hybridisation will have already commenced in the cases of healthy action during the process of the cilcatrisation of ine estins cross is and must be so completed: the roots afterFards formed upon the shoot merely cater
unpother correspondent proposes to graft by approach of two distiact young shoots, Here we get minglings of constituents from sbove, and the plant supported through life from below by nour1shment from Mother Earth through the roots, which have nothing to do with
actual hybridisation; for if they had, how could individual producta remain true from year to year, and for the over of thair existence ?
W ood

## 

Miidew on Roots of Trees, -In further reference to Chis sulyeet, promit me to observe that though Mr. that the diseased state of the Picea-recently alluded to by me in your columna-oripinated rather from the influence of some deleterious constituent in the substrata over which the tree is krowing, than from the effects of Fungl alone, he has unfortunately done so partly under false premises, inasmuch as he has (pernaps unwittingly) confounded my description of belonging to the Picea, thereby in validating his surpposition that the roots of the latter were not enabled to penetrate the obdurate formation, whirh exists onl under the Tulip trec, whereas that underlying the
Picea differs considerably in its compontion from the former. Secondly, this invalidity is rendered still more apparent by the fact that the tree is вupported in position by means of the stout poles,
arranged so as to resist, even the force of to hence the " hence the "ever restless winds" can have no appre
imagine. Thirdly, Mr. Miller, nation in assuming that the aftemat Titw
 now apparently in s state of
Words, no longer exists, Re
Miller's theory, relative to th Miller's theory, relative to the chat
the substratum over which the Pat
krowing, allow me to remark that in the Piseas there are seversl Sprion the existeace of the tree in quatina
of which, as far as I som oogamat
denoed aught pernioious in the submit is evideace favoumble to 11 . Fungi alone. This assumption is the old roots of pre-er I have ascartaind the ground, whenting trees and jl room for the Picea-henco wers that these old roots were the
spawn, and by enntact conrejed it th
linsapo. I will however arant the
exploration in the sosl under the the
in support of the above assumption th
deny that the old roots in quetio present somewhere in the soil involve much labour
search, from the fact that the old row
at a considerable depth belon the by the adding of other soil for lent lite ance with the ideas of some authorima no reason to doubt; but to affiru th? alone is not capable of affecting the troes, $1 s_{1}$ I concelve, unwarnatid
observation of facts. In prool $\alpha$ to adduce an example that has itself to my notice, it is that of Weblinatonara, about pleasure grounds in the noblemans pleasure grounds in tur mar
and which during the past bumer her, sickly hue, which was attrbated who
drought. Scrutiny, horeter prowi thol arought. Scrutiny, howerer, prom tact with bits of decayed odd win been inadvertently conveyed in tha plateat on Whion the Weling
believe, some five or six years sgat addition to the many proofs alred danger of lesving old roots in fresh to some Deadars at Bicton, Barmes in your oblumns (seo n become an eatablished fact that the neous Fungi has a pernie
 in their Vine borders. Such roots at Rabley Gardens
attested by Mr J. Munro, the Gardeners' Chromile of Ap

## in the Eim boughs, old roots, and fan

Tricks of the Trade.- Is yout conm Enare that there are three he in the first instance male to he wanted? If botankets ar
true one, borticulturist ar man might be willing to
the one be considered the tru
not appear identical with an
to be magnifica, and I certand
to "Warrant" that it will not.
"B. M. ${ }^{3}$ " own accounts thas


## deceived? As Old Nurser" "farden IFies-Not he Fevision of Hederncen,"


andehtedness to him. If, bo Nature, and basa had more
than for authority in my rea have no nbjection
to adk whother Dr to me in any way, Dec. 12,13133 , I described the Ivies of the garden. has not yet mastered the put perhaps
to watt
approval which
found my selected

## TRMEMEE 19，1809．］



##  Lexat mias vined or ollured the Wech names as thene t．   pamen in meannaman  

 antlers whe whe fuls auceunt ，mathers，whith fulys amomun












 In a．tering 1te form the rariegation





 firs in enmpled of all the 50 kinds．whirtey pecked Apples－In reforence to sour note on
 his $A^{\prime}$＇ 1 mery－tion to ompare another thermometer
 1．at ti，n olumin of spur．t bal been reparated，an at leaci bisow the true temperature．I have no
abt the apecks on the Apoles
 che Buacing－For the benefit of the uninitiatod，


 The well mit with the hark．＂The non－remorail of
 Inen litic or notoive thit ooolld be bandled










 The Mon

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& \text { tree alladed to by } \\
& \text { itill in extlenen non }
\end{aligned}
$$


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In a leadims article to 1229 ．Trined
 and aill．
 lave tove befrere them Now that weent bo quike

 arenum，and hom





 inches，and upon each rod wlom reltht bunchom Na：matymian $y=1 z=5$ andmix Notan morni qrow． then ？The replanting of Vimes is a very trilinge

 we ran almats get a halt crop thio firet pear afier yiant




 and aenth and are 15 nechan apart in the row


 ail mhat 1 the coat or manure＂It lea mere bagatello



 tio root into．But obt of Grapes hrom © Vien yan

 expect 10 th from 5 square feet of the \＆nl，wtach pot Traes are ublally wom out in a sagaln yoar， but taen if a pot lise his beeth Rrown in a lf－1tech will he made to produce oonsiderahily mare then ijo of Grapes；in fact，it will produce 8 lh or inta，nr five
 1 ib－inoh pot restricted to 21 bo of Grapee searly，mhinh would bo the rroportionate quantits，woult ares


 Fincs arery year is not a very great nutias．But in reality I epe no peamon whatever why thoy should wear
out Some of the vineysird in Burgunds are naid to he several hundred years old，an！the finea in them have not been replanted in the memory of man，ypt that ha oniy some half dozen eren lift upon hiump郎 his country are treated on the single－rod whit wid system How comea 1 t，then，that thes are not ugen un＂or＂Thimnes nut：＂．Thare is an pxppes

 to 15 inches high，and from this rinmp starts forth to
every year 6 or 8 shoots，each of which is allowed to
bear one or two bunchen，and in rigidly atopped when bear one or two bunchee，and In rigidly stopped when astonsh many a Grape server in Fingiand Can＇F＇ used up just at the rery time when thay omatat to be in their prime：fomande ithe attent on of every（x apm arower Thm faci ia mont merdethera are T⿵⿰丿⺄⿱㇒⿱中⿰㇀丶冂土 ckifulis or wiaty The fiahinertind of wa king－ation


 noble spura，thougn burilened with embryofrim 1 ，fact noble spura，though burijened with embryn frim ifa．

##      $=12+2=12=$

 $5 x+5 x=2$


 balanow Fill death，at，haweser，conpacer list the effect of the abock enduras for a lime The plant efedually rogeing strmopth，but promeds gunntally
 $\pm 15-5=-2=$


 wondor at pollar las times heanetak wisl promaturnty， our limdgorown lain a ratiaral and sleasand time of at mintarel $1 / 1.1$ harmarolts reur，tion per－ potrated upon（iraper nex woler glage The former

 cen to countaract the ofils of E1．Critil Ifentmont

 h．e mallerat an of therris trat the firt taration for the







 well underutood and easily manaped malady．Hat ms doubtless，thnee who have purned Vinen all thoir livew will contiaue to do co，and an many are only bexíatian yalam who wilt also become easingured of the and hane as，moreover，the epurring kyatem is aimples amount inf merit powsbly of prachink the utregat



 mutht be reutralsed or remmbed by sllowing the eading ahoot of the fithe to Fin on wilhoust ktoppane eaph yerr Vr Ward，Mt M lacis ampoftol firape
 plater bloth top and batite in phonts in tomerially to

 easy rrarby of tho buncljek it the aytumn peate hig hath thomts are rut tack，th be kucceeded manan cound be adopaci it mombimation with
 the wisdorn of a lophting the systam of romen apurring




 the top be mave to revew their jouth annually．Fines so treated could hardly ever wear out，provided the Though I beliove＂P．＂is oubatamitalif riphs fin righerd
 Tetaknesp，consint in of thear sage．thr leaven developen are rouperiahla，and 11 a ahonf of tr at frrmian ng，but tho in baltu，nos of larmion and hum hem She border in grobsid，I agtem with in，that itan rimia woulds not bo tum borters anto the kits nen cerdens，inat rinn rition front of thems．artiace of tho hrorider in thate it tee

 partiou
andimers poromby that deughted lue late Dr．Jouthy
as a good quality in a Vine bordor. This quality in ment of groas and short-lived roots and wood than of healthy and long-lived plants. Possibly the Yines burst
througt the borders, as desoribed by "B." (p. 1881). through the borders, as desoribed py beactical men can oonfirm his desoription, that Vine roots will often hasten away through the best
poila sad the richest dressings, and bury themselves in goila sad the richest dressings, and bury themselves in
gravel walke or hard roadways. They choose to endure gravel walke or hard roadways, They choose to endure
hardnese, and I have long learned that firmness,
amountiog to obatinacy, is one of the best plyysical amounting to obstinacy, is one of the best plysical
conditions of a Fine border. Has the want of it conditions of a fine border. Has the want of it
caused the wreck, by shanking, of the famnus Vines of Jouss Nash, EBsq, wt Bushop Stortford? David Tell
Fact.
Soil for Femg, -Although most Ferns thrive in the
Soil for Ferng,-Although most Ferns thrive in the usual compost of peat and sand, sometimes with, and experience tells me that, generally speaking they do exper get enough of what they require out of it in time to ensure a full development before the season or of ordinary peat. I3s addrug a phentifut proportuon of and loam,
luxurance to that of the collection from which they were taken. J. II. DI ato, Broseley.
Chilian Beot.- I venture to send you my experienoe of the above Beet this summer, in the belief that it may prove of some little interest to those of your
readers who may have tried the plant or who conternreaders who may have tried the plant or who oontern-
plate giving it n trial for bedding purposes, I got some of the seed with my reneral supply of flower sedds in the beginning of May, and had it sown in \& well-prepared
border, composed of goork loamy sml. The seed germiborder, composed of good loamy snl. The seed germi-
nated well enough, the plants arew rizorously, and were soon ready for remowng to the position that I had assigned for them in the flotser karden. I must tell you that I sower it for the express purpose of introducing it into the cotmposition of my summer bedding,
having henrd so mnol said in favour of it by the party sonding it nut (which, as a matter of course, I could not escape), and it having otherwise been recommended of the plants at the stage of growth at which they were fit for transplantine, to be unablo to percelve any character to other Beets used for a like purpose. I thought, however, that it would 1mprove an it saive. more days. On that assumptron I transferred to the promising plants, and promised to one of the most Wronessing its expected fine, dark, rieh polour blond admirably with exe other plants, compnsing the beds. But lo! What was my annoyance and disappointment
to observe, when too late, that instead of improving, as I had so sanguinely predicted, a retrograde movement had set in; and from thenceforward it daily became worse
and worge-coarser and 0 arser every moment of its and worse-coarser and coarser every moment of ith
 tural purposes, and, of course, complietery splathta thas the misfortune to see it. Thus have I recounted to you my firat, and, I dare say, my last, experienoe of the Chlian Beet, which from the very bettom of my
heart I wish fod-speed out of the horticultural world. heart I wish dod-speed out of the horticultural worid, Chroniclo might I ask some of your readers to let
appear their experieuces in the cultivation of thi so-called acquisition ia bedding? Tap, Dublin, December 7.
Low Borde
graited on the Pear Trees,- I bave a row of thene treess old. They are punco atock, and now about six years sheltered behind. They are in tine health, and every seatod delizut me with the aliundance of blossoms they
annually produeß. Bit alas! tirey do not give me any ancut wortay fis notice. In liscis there was a total falure; in 1867 I was gratsied with two or three dozen-a poor orop, but it made me hope on; in liscr, frut made me almost despair. I have thed tufany and huphes of emorgreens as protectors, wituout avail. The quention I now wiah to enk is, can Mr. Ilobingon, Who is a great adrocate for this French wode of trailn-

 ur English olimate. Inqwirct.
Poting Liliumsis,-I would not have troubled yous further on tha mather bat tor the fact that gour corments untenable, wishes, by shifting them of his own shoulders, to encumber me with them, Thus, at p. by roots emitted from itself, independently of the bulb. These roots sustann it after the bulb has stopped its supply, consequently the bulb is at rest previousiy, and When the stem 15 dead the advent of the resting period is long past," I disputed this theors, i. e, that "the
 1232):-"'IV. I: has not turned nut Ihtums ret,
 What to write of "dead rost, quating " Ah. fair y dead atoms, tang I is not necessary that I shourid further notice this, though I reaseert, that to sey a
and it may be lenves attsobed, is active, is somewhst the real meaning of so acute an observer as your correspondent seems to be. Why it is the bulb whish
receives support from the stem at this junoture, and not that thae former "reluses further support" to the atter! I freely ondorse "M,"s" inferenoe that the
bulbs are "never really at reat," But I cannot see how this aids his argument, unness, indeed, he
would hasten them off to $a$ state of semi-rest in October, sid then immediately force upon
them some four months of nobobervable underground activity ere suy sign of buperfidial growth exhibits itself. Rather lot him with me givo them
that well-timed annual ebb and fow of $\%$ bulb's or other deciduous plant's mode of growth, as regu-
larly as each tider moves to nad from our shores, sad as Iarly as esch tides moves to and from our hores, sud as Take the time of the plant's decadence aboveground in the autumn, to that of its surface aotivity in the
apring, and by draining a line at or about mid-winter not November, may wo not naturatly infer that
change is developing itself, and that greater vitality i
becoming co-existent with the equally remarkable chayge of the season
mark when with oharacteristio ability lie cralis upon 7our readers to observe my recent bit of tuition from long ago I roceived this lesson at her august hinnls Mr. Tanton's remarke, to which he refers me, afford valuable information, ss do "M.'s" also. They ar nevertholess combatable upon sound prineiples, as sutlicieut has already been advanced on this Smith's lotter, I left unnoticod an important point which is this: in speaking of "potting", a distinction
ought to be drawn between "potting" end "shifting" plants. One would come to the conolusion on reading Ir. Smith's letter that he must have shifterl his
Lilium so late as February 1, becquse he dreads the disturbance of his bulbs at any tume, and of course much more so just at the time they start into growth out his late Libums as far from the usual babit of the plants as he has pusheil has errly ouns. I neve consider is as late as I con safelv lenve thena, this being about the midule of the time Mr. Smatin takes to get through his potiag. 1t is, ao doubt, a sate t.me to recommend thr. Noith for his hetter. It shows ther is more to be done with Liltums than many of us fangined. Althourh Mr. Smith endearours to flnd fault with me, he has, nevertheless, although indirectly; and I hope he rasy live to see Liliums in flower all the year round, Your correspondent "A.," who lately
treated on Nerines, lays humself" treated on Nerines, lays hmself open to the same
charge; at least, he way not sofficiently explioit when -mark; at of pottinz. The flowering of that olass of in thats respect. Authenhal ilorsl display, to which thiy clyses of plants lenda no unsmportanti aid, may cuthenly bo a blanls, by pulnug to pucces tho pots bulbs, sad separating them one from another, in order, it may be, to increase the supply. The best whan would be to divide the batch into smaller batebe
without more disturbance than is antually neressary. have known comsturbanes than is antually acmessary. ceservely for nearly 20 years, with no more attention pacd to them than a little additional soil at the surdescriba other varieties, by being potted as anave fiter. M.

## Dry Bot-Attentive renders of your Journal cannot

 sil to have noticed with satisfaction an increasing interot there is rot there is stilm mooh to be disoovered, and if 1 am preseut of the form of the fruetification of this most order the re-buning of the whole of a cellar, contan many thousand pounds worth of wine, I send you this note of ail the intormation that i have been able to from yourself and uthers, Deal lattis, sonh ou Iur three weeks 112 a solution of sulphato of copper, are said to bevaperyious to dry rot. Lime whahing the bin before using it again, is eard by otherst to be aill that is neces-
sary, provided that all atfected laths hase been
 to Fay chemical principle in these woods antar zrion to sflect the flatir of the or creasote would be apt to zffect the flapontr of the wine thraizh thin corlis.
IF. [The fruetifigation of dry rot (Merulius lachrymanus) is well known, and consists of myriads of onuff-coloured syores, Many other Fungi, however, true dry rot. We have never geen true dry rot on Teak or Greenheart, but they aro enbjeat, capecially Where they come in contact with other yood, to that of Erm of decomposition which is known under the name affect particular kinds of cand tell hily particular Fungi all woon equats. A solution of corrosice ulammate is Perthin care, nut its effeet wears out aftor a fow years.
Pe:tring the be-i subututu for wheu matu! b? pres Haly xtefyaf in creasote or the

Continuity of Growth,-I notice at p. 1279 of your apression for December 11, sa able artiole bs Mr.

## 

 two opposita questions of Mr, ftil snd
non, vize, "that root and top anthon
taneously " when plants are grown time waneously" when plants are grown fut
dition. The osse brought forverd by 14 yrove that leaves could be prodund mithon
roote, has no bearing upon the sabyect Yet have the oasas oited by 1 M , Fult th
roverse, for both are extraordinary cmen having any bearing whatover upon why and healliny tree in s astaral conditi, must be remembered that this is the
which I took my stand. From bermin
my article there is ro ralorenco my article there is no reforence mathen
or roots might do if placed in cordite their natural state. Every one kinombly vegetablo kiugdom in thed strugh b Loots in some cases will form shat in almost every case will fin min first has no bearing upon the subjes it ${ }^{\text {a }}$ who have writteri upno the subject bay sod far sounder conclusions world hare boue by them. Again, Mr. Fish mixopresentiz aid of leaves; and by denying this his Owenstithe top of his thint parsumit because s new leaf is born,
 looked towards the end of my artintoler that there may be no misonception whi in embryo, and consequently sol y Mr. Fish taken this sentence, in conjunchan

 misrepreseatel. Iecgarding.
 intelligence as Mr. Fish cannot fali to phat meant by it. If, however, si Mr. Ms
of a pump does not draw whar of sll. goodness to enlighten $u s$ by ghang
accomplish this without it
unlaed be
 buds act rather as consumars than
Vine Soils. Iknow thenuthors of puricu are so competent to putcontioverum I so highly apurove of vour liberal opinions into the Chromile, that I confan In comamon parlanco, a soul may be but, strictiy speakime I asarfice sun anreous moil of this place 15 duminolas oarth, and 10 siloc, gad ont sandy. In it the Vines arisw Figotog
 promise, I gawed of one of thens yebr the two main ghoots that wer
grew 8 to 8 fpohes in length daty in duh about 16 feet fn length, strong red carsous had a little oxperience, soils of pure silex, but I kwow
ahire that was black samd, aud al s. view to fmprove it, was first
small resulte than ohalt wes adi bename fertile. My recomment
deaignate no soil os unfruiffut tained its oomponent parts; and I am jo or agrioulture would let us kior gout
position of the soil they write sbol Fariher Barion, Cirencestor T. P.I.'s (p. 128 i) 14 1a error
the Pansy has been tried over summer beddivg plant but bas
the ond of Jily t is traed up." here next duzust, s.pte.nber, of bis. masses of latis I'ation es as whl pe and thus prove hy ortalar Intat, in the
tlowers, with

## Foreign Correspondence.

 at. © may to some be nteresting, I venture to describe them. European Grapes for the vinoyard or The mathe Grapes of the Amemear contineme,




 r. A: mption, or "table Grapes." The approved var.eties number about 30 , having marked qua ities of
ther om; there are hundrods of other named sorta, but
the best are all comprised in the 30 kinds alluded to. the bestare all comprised in the 30 kinds alluded to. nould suit any taste, and many of them are quite
equal, if not superior, to your Speetwater and other monal suit sny taste, and many of them are quite
equatoor Graperior, to your Sweetwater and other
cuthers of the "Pox tribe" have a cutdoor Grapes. Others of the "Fox tribe" have a
pesuliar favour, but which finvour sema to sravs int
the palate of the consumer, althongh to estritiver th. p palate of the consumer, althongh to a sirntiver
thuy would be called vile and uneatible. Others, $\eta\{1 \times n$, thuy would be called vile and uneateble. Othere, 1 tin
in ad of having tion fine meiline jume it $1 /:$
 firm pit, wheis requires to he crusimed in the month
thin sud also seems to grow on the taste of the consame f , and, 1 like Tomatos and Eg8 plants to produce an


 andue without addultion.
and other manufactured swects (all of hring chemicsily identical with Grapo if. if 1 are tharefore ued to =ise body and



 arinesed by the best Euceropean varteties. lits, hawever, lave more to recommen in thin frut alone: they nre all free growing, Ir are unsarpassed, an 1 as elimbers ore
I tre..ises they are unequalled by anything I
I wry miu wonder that thee Tines are a acoeptod fact in lingurin landzape and other ri ning or trimmine, ezcept to reduee redundancy of Egen tion, and I have no doubt, from the lengthof the
 oxm, "r, and making an impenatrable fence, they ifur, ind wertd efforit most usefol as well as bmanhi kind s hoene to do as of if not marketable triner. Aid thr crop of trit is as heavs when the brancues run
wid as when they are ever mo elaboralely franed

 ny in in "thate the onespest plan is to tram
 but in in m mas he necessary durng the summer,


 sr: Inever fall ing gettine an excedint yield
 and then trims of the present
 an: tin nact repcons in Englinl fishing tr



Societies.
 following roumi)ers of the Council to bo the Iroaidants for tha







 Patrick $\mathbb{N}$ Praser, Eng, of Caoon Mitle Lodge Edinhurgh, wh.

## Xotír


 Wr are gata to wele mis s furth edithon of t1 fomer-
 columns, were heartily weloomed and leanly rolighed by tent experience of the chiel distriotst dascribed.
During all his journeying, Dr. Bennet has carefully
 jottings tbis book, which first appearod in 1861 ar a mere cssiy on the climate and vercelation of the Menuntif it may now be consifere 1 a careful stuly if the
 interesture aemont of hemt es sean ald sempery enjoyed, is warnons wnader nea in search of health quarters, for winter and ummer, in Itals, ("ramera, Slaly, Alceria, Span, and the fialian lakes, with a shart desceription of Biarritz aud Areachon Throushout the work the author has snecreded in hus endmavorr
 a charmi be thrown over the holira on invand morsate but informalina 11 -rfint to
 anmfirl ing neourances and solund adrue to thove at raken in Rembetion it 12 morth manyy feces, nad we tranciribe th here or the thancit of inf arour rifrle hat in communion with \ature thay will find an

 contenterd ressguation, whi h 10 all but indispenaghle to thetr recovery In a worb, fot th cull adno the motta


## ag he rejoiceth


most paysicians-he has thken his own prescription. papes there is on wail of tho care-worn, overworked
invelid heard. Nature and all her works are looked at puvird heardi Nature and all her works are looked a
from the eunlight side of life. Doubtless the countrjes Fisited are beautiful in physical conformatron, and rech in vegetation. The aly is of the deepest blue,
the lakes placel, Icep, anll clar, anal mountann
 stroul to them papes,
 $\therefore$ cented to Mentone and its namshbourhorow, in whach





 tome It in equally intereating on the othet The


 tho adranlapes, or otharwiou of any perticular pleas Theee chapters are suoceeded by a raluable appedix. giving full motructions to the invalid how ho mig go leat rigk of danger or sense of fits.
 on well wh table of the tomperturem of firc.in suibor's remerke upos them, pomen an independent value to tho liurticulthtint and the suturwiath, wolly npart from the spocial uee for which they are kiven by
 wondcute the formor are bosurufuly ohromoticho-
gra Altogecher the work in ampaialy adaplod nither for unturalista in quat of facolsubout olimato as aflooled by oltituio and abelter reppectively, for the mere treveller for plensure, and for that largent of all clames-those "lue with for ralathee mhew at or costex

 nogeare too old to read it with plomsure and proit.
$\rightarrow \overrightarrow{\text { Among the Almanacs and Yar-hokiks for the }}$ iment in on premier ligno abs specialls servirmali] to ifl, Fleet Strec 1, whet oma havdly be diapensod with y the elane for wh. h . is is intended.- Glenmy's Garden
 be nte wh have mentioned, neverthelem it contain somir gool practical artiolaz, and a litle zmusing
 if hilther's Alnanac might be describod withent Weeks \& Co., actiog on the prinoiple of throwing pprets to catch harringe, iseue to their friende not only an a manaco and diary, but almo e handy and convenien case to hold the same. The diary is prefaced with a bried
notice of the carly history and development of the hot - Ior the original jdoa we are suchabted to the Mary mas derdener and engineer. This idea was further developed Fas the first to exemplify it in a reatly prachical stato Fss tapefulress by fixiny two ribes, me above anothet in the ereerihouses of the buthrie fart) ns, (Chelesa


 Whale its ematamy, rart was whata at the opyonte extreme internally, buth nn onn asd the sam.e lovel. The former formel the bonler, the intler the supply
cistern. Theze so-ealial caterna of corremonding cistern. Theze she-eallod is iterne of correnponding









entirely free from the greenfly, which is sometimes very stands nest, a remarkable plant, and all the more stands next, a remarkable plant, and all the more oreditable by reason of the saal pot it was grown in. How seldom wo see this plant shown to parfoction:
geaeraily speaking, as the leaves attain age they furn geacrally speaking, as the leaves attain age they turn character and usefulness for exhibition. But such is not the case with Mr. Bennett's plant, it retains its pretty green leaves, freely blotohed with white throughout. This plant should always be cut down in to grow it to perfection.
Alocasies of sorts, and Dracsenss of sorts, have silso a place here, as also have the Sanseviera zerlanica-an mamense plant, Boohmeris, argentea, Pavetta bor ond lay Cophylum magnificum, Marasean plant Campylobotrys refulgens. In days gone by, Mr. Bennett has shown this plant probably better than any other man in the country, Abundant draingee a light, porous soil, with plenty of silver sand, and close shading, g. ye the clue to success.

I find I have accidentaliy omitted to mention a good specimen of Cyperus alternifolius variegatus, which is the largest of the kind and the best coloured I have ever seen, not an entirely. green leaf being seen on the some amount of skill; but if the following simple rules are adonter, the desired object may invarisbly be secured. 1st. Don't have a plant that has been obtained from seed, as that cannot be relied on to produce variegation. 2d. Rest the plant every winter, and cut it down, keeping it in a warm hueuse. 3d. Pot in a compost containing equal quaptities of peat, leaf-mould silver sand, and briok or mortar rubbish, and only pot once a-year. This plant is especially valugble for th trimaing of vases, doo., and should have a place in ever Before
Before taking my Jeave of the house containing the above remarkable specimens, I would just state that noticed several young plants of recent introduction,
including some of the aew Crotons but as their incuradig some of the new Crotons but as their staracters are not sumicrently develoned in their young state toenable one to form an accurate opinion of thel respective merits, Irairain from making any comment iny planta I noticed the following as being remarkably fiae and well-flowered, but as I did not take amy notes, I aza unable to give particulars as to size and
tite number of flowers each plant earried :-Bougainvilles glabra, Allamandas - cathartica, Schottii, qrandiflora (very beautiful), Hendersoni, and periitolia (good) ; Iroras - salicifolia, javanios, and
coceinea; ; Dipladenias-splendens (good), crassinodia and the lovely amabilis (the latter unusually fine) Clerodendron Kæmpferi and Thomsonz, good Roodeletia specioss and Stephenotis fioribund:
were alite good. I cannot condude this incomplete account of the plants without stating that there ar many good specimen greenhouse plante in annther well at the time of my visit (middle of September) throughout. The Vanilla bas also abundance of fruit pods this season. Thas. Simpson, Broomfeld, Chelmsford.

## Qaroten ©perations.

## (For the enswing veeat.)

PLANT HOURES.
The ornamental and useful Francisceas Fill now generally be more or less enlivening stoves with their Wharisly tinted blue, or mave and white flowers, Whilst at this stage no moisture should be allowed to settle upon the plants, neither khould any great amount of humidity be permitted in the structure containing them. The flowers being somewhat delicate, they readily damp off before their usual time I any excess is permitted in either way. Kalosanthes
should now be kept as dry as they conveniently can be without allowing them to become at all shrvelled in the loaf. They do not require much heat; a moderately conl, but dry corner, in any intermentate house
Which is kept up to mean of from $45^{\prime}$ to $50^{\circ}$, will suit them well. Bulbs, such as Hyacinths, Crocuset, Narcisus, so., will now become an attractive feature
in gardens qenerally. A constant successional supply
should therefore be maintained. TThere is an pint should therefore be maintained. There 18 one point do mot neom to atteoh the proper amount of attention, herre. I rafer to the fack that instead of removing them during the procens of roothating, as boom as they have fairly established themselves, many let them remain, one batrh after another, until they are wanted for forcing, when, in many instances, the later lot has made some inohes of growth. The leaves and frower-spikes so produced are thoroughly blanched, and as ill arlapted as anything can well be to carry whioh are necessary to ofrices in connection with roots whioh are necessary to produce fine individual flowers, and in the absence of which no cultural merit 19 attainable. As soon as the bulbs have made roots, and romoved to the full hight, where both sun and air may freely reach them: the cooler the situation the better, provided always that frost is not permitted to reach them. The nearer they are placed to the glass the that the more frequently the soil needs a fresh supply the better, provided at all times that the soil exists, as the rond nothsng in the way of stagnant mas be some fev roota delight in a fresh supply. There wish to matre s.god ahow of blooming plants at a
averse to forcing their plants out of season. To
furnish such a display as this, there are some few furnish such a display as stis, there are some fow
rather unusual subjects which wil! respond with tolerable freedom to a little extra pusting, especially Clero-dendrons-the varieties C. Thomsona and C. Balfourii in particular; Impatiens flaceida and I. flaceida alba; most of the Gardenias, excepting Gibtanleyans, atch varleties of evergreen shrubs, like aibiscus, as mas
be grown; Rougainclleas and Libonas; which may be grown; Rougainculleas and Libo
all be turned to very useful account.

## forcing houses.

I have little to add in regard to Early Fineries. Be particular not to enforco too much artificial warmeth at any stage, as far more injury will accrue therefrom than Attend constantly to the state of heat of the fermenting materials upon the outer borders. The fluctuating ng materials upon the outer borders. The fuctuatinwometimes sharp and frosty, at others a densely surcharged humad atmosphere-wil necessitate constant
watchfulness to keop the heat at a uniform mean. See Watchfulness to koop the heat at a uniform mean. See that the Vines in the Late timeriesdo not suller at any fection therefrom in some shape or form. I need add in. those instances where an uninterrupted supply of Pine-apples is necessary, that a few of the forwardes successionals be sorted out, and means be assured to cause them to show as soon as possible. This to follow those now showing fruit. Should very severe weather ensue-and it often happens ahout this time - letrne sugeest that the utmost caution be exercised, not to exceed by a single degree the maximum of artificial heat, which heated atmosphere, even at a minimum, will prove a sufficient tax upon anl well cultivated plants Especially when a slight reduction of the mean lieat may be adisable. keep well above the temperate point at al periods as these, of course according to the requirements of ench separate batch of plantz. Keep up ${ }^{3}$ rooms, Asparagus, \&e, by the contioued introduction of the necessary matertal at properly regulated intervals, n order that no scarcity of a proper supply may how a faulty place in past arrangements.

## hardy fruit garden.

Those who may not yot have placed the necessary protective material againgt Fig trees attached to walls out-of-doors, should now do so at once. Straw hurdles neaty hung up against them, so as to represent haton, do as well as anything; as, while they ward of admit more air amongst the branches behind them than is possible when they are tightly boand up with straw or has. II hately referred to the necessity of rutning white cotton athwart Gooseberry or Currant lreps, for the purpose of keeping small birds from
destroying the fruat buds I I find that the best material for this purpose is the beat white hempen or flax string a about 2 ded. These balls contain many yarde, and the material is very strong.

## HARDY FLOWER GARDEN.

When I last wrote, and, indeed, but a day or two since, everything seemed to indicate a frosty period. the 10th inst. has, however, changed the aspect of aflairs, though there can be no certainty of a mild period for many days together. It will be necessary, hereore, to provide proper protection cor all subject will be the more insperative after so mild a period Young plants of fynterium argenteum (the I'ampa Grass) should have some sort of protection placed aronad their base. Outdoor beds of Huacinths and Tulups should have some protecting material for a like purpose. Should there be a mild period, push for Ward all planting, or any form of aiterations which may be in hand, \&c, with the utmost despatch; this espe-
clally in regard to the removal of turf and the necessary cerasional rolline of grass plots. Give yeapolitan fiolets all the air possible during mild periods, keep
my then rlear of everything in the form of deray Prutents Pot Rases which are interded for foreng
shortly, and keep them moderately dry. During unucual.y wet periods, even on light soils, the Bellis
perennis aucubefolia (both white and red flowered Varieties) will scarsely exist; they should therefore be same remarks will also apply equally to the best double varieties of Pyretivin

## KTTOHETS GARDEAS.

It will he advisable to look over those crops which were lately protected by the use of Intter, whether
dried Fern or straw, and by removig dried Fern or straws and, by removing all such fendency it may have, full sir, with what drying stances, where the rows of Celery have not been so protected-and it was not needrui, it will be been that the sides of the somewhat abrupt and upright mounds have crumbled or wasted by the influence of the frost. These it will be advisable to go over and fo replace the soil to its former position, or should a sharper period ensue the crop will be liable to suffer, so attenuated have the sides of the mounds become. Look through all frames or pits contaning Letluces or Endive, and remove such as are at al! decayed, which some are cortain to be this time, frames it will be adrigall to fill ap and stook With other suitable planks talen up borders. Look out for the necessary matering onter making hotheds for the necessary materials for round when they must be turned to sccount $W$. $E$.

A VERY useful subjent far hed. gardens is the Grape Vire. No is inathen donning and railing it, an oporation in more importauce (for the purposea than the fruit, the plants must favour the production of the leares, The matian
 be nailed straight towards the extre Any old wood which is not well ? buds. 'The young trood of the bast should be pruped to one or more epas Strength of the shoot and the spa secured, to fill un last years wood older branches. Whon the pruming is all in peatly and regularly, A good drew duag, forked in a fow feet round tha alamin great service to them. Should the wealthe,
and fine, roll the Grass well swean and clear the borders of everything in rubbish, so that the garden may be in be the house at Christmas, J. D.





## $\mathbf{P}_{\mathrm{E}}$



## T

##  <br>   

 Hix inpecial Trade offer if impace ins urs
ilis ithrat, to best Aphl Brocect it


Soed Fottios


## H <br> 




## The agricultutal Gasette.

SATCRDAY, IHFIFM13ER 1- 1869.

Theme are turo cajital illustrations of new ife and prompt activity, afforded by reeent prothen Ioval Agricultural Kociety of lingland, which must give confilence to all ats fromida, and tend to itcrome they number. A most serviceable contribution towards the urgent and current trants of tmant-farmers, which will be esperially recogniaed at a tuna when tradesmens bills urn combgh in, 14 seutn pises here, in a column commumeatred by Mr. Jewhive, the Secrotary of the Smonts, where an nitions,t is made to warn unwary purchasers of the risk
they run ma busig impofectly muthenticaterk guano. Thlon fill histomen of the samplea
 and used aro given nong with their aunalgsus, not necessarily for the purpose of attaching any stigma, of either folly on the one side or dishonesty upon the other, but simply that the дature of tho risks which are incurred whenever gasao is bought otherwise than from the author ised importera, maj be frilly understood. If this series shall enntinue to he publiched. We may hope that the rauk and file of Finglish tenant-farmers, as weli as the leading men who are, no doubt, already Wide-nwake, may at length be made to share in the benefits conferred by chemical analysis. And whether that bo an end, or only an occasional incident of the work We shall none of tis be sorry to aen raguery out witted and rxposed, as well as simpheity instructed and protected.
Tho other point which we deaire to acknowlecige as an important step in the proceedings of the National Society is their acceptance of the noble prize offered by Mr. Misos, the High Sheriff of Uxfordshire, for the begt cultivated farm in the district of the Society's annual show. The work of awarding thes premium which can hardly fall of being an annual offer for the future, will be one of the mos important offices which tho fociety can undertake. Th, tenant-farmers whes shall thus bo decorated, will ho the "stmarer wrimglets" of the
 matagement illuatrated on them farms will, by the publicity thus conferred on them, be made infinitely more serviceable than would otherwise be possible. It is very inportant, therefore, both that the kind of farms open to this competition should be properly defined, and that the items which are to constituto merit should be well considered. A correspondent urges, Whe think rery properly, that if the farmos be confited to
those occupied by men who have no those occupim by men who have tho other
pursuit than the cilturation of them, the field of julgment will be mourionsly limited. There are many capital temant-furmets who p,ck up a large share of thest menome "outsidn of the fnnces," Whose management of their land is first-
rate, might rery well obtain a place in the forthcoming competition. Eren, bowever, if the list of competitora should be properly propren, the work of comparison will haro to be consideren | with most careful regard to the points which in I
the मemeral minturs are $u$ be thken en indicating merti. Imofitableneos of managetnent cunuct be 1gtheal, atad yet ubvomasls it atamen the the mole is exen the tirst cotionterat, It. It mat be the 1. a shem dnews wheh 19 2." fart of aktirulture proper, but wheh may be sio if.int, 11 a mower makilig pant of view, tas to dimis, ite at hode the
 hand the suncety's matertime cat sett tate atmydatice of promiace, evell althonsh ontamatend witb a due regard to the mataral temblat ar infertility of the sund, as the melo gunte. Nior can the comHatim of the Letide ath lulditess on the day
 wheth thould determines a d.- कath li i. plans that the ruleu whath ane toglowio the julaces inust bre well consoderad beforo thay are aloghad, and that theme reports, folly detaling the reasome for their award, will be the mont influmtanl and important agricultural publication of the jear.



 not compallend to eat it' 'lbat that is a matter of tasto mad hathit The mongeal propulaces youd to circummatams: and our Jinthah prefiretice for Whent wetuld be superumedell if the diffurt! in the price of the fun graus wipe a littla grenter. (bawno cort-flour, and other jerparations, haro already found faronr with thimeh;
and in Irelant Masze has bent largaly comsumed
 by a medy clase. Thas famens I radecom of the fmerieans was not in fivener with the first
 are told that Induan corn mas foset brouplat into the (1ld World from "Ameriea atod the wambe adjomang, where the barbaroms Indsaza, who know no better, are conatranmed to make a virtuo of recessity: and think it a grood food." At the present time, most of the matione hising betwean the St. Lawrence aud the Amazon " makes virtze of zecossity," ibcluding Americans, Texans, Mexurans, find all the whipes and blacks about the tropses, from the anstocratie spanard, it Mawanah, to the naked Indian of the (1rnueco. Meniro, where Mave provides the anpply of bread fir the great buik of the prealla, is it proment mhabited by a rery smali population, as compared with the extent of its resources. Whem that country becomen settled and prosperous, however, it will open a market for the Wheat of California and Oregon, which at present goes to some of the Nouth American coast settlements, or to a markes nearer home, where it would not find purchage of our "mmilirn agriculture" produced as good reops as that of Chnas. Texas, now annexel in the States, and one of the finest fields for emagration, is another of those American countries with great capabilities. Like Mexico, it is subtropical, and anavited for Wheat, and the inhabitants will have to import it, or makes "virtue of necet sity." and subust on such fruits of the earth as can be produred with an extremely fertile soil, and a line and very healthy climate. These productions inelude, according to the reporte of emigrants, the producte of the Mediterraneanwine, coston, silf, and oil-with the addation, on the southern coast, of the Panana and the Yapaw. the two famous slimentary trees of South America.
Intherto, the consumption of Wheat has steadily increasod in Europe. It in preferrel to Rye and luack wheat, and its une has berome the trest of the amonnt of comfort or lutury सhpyed by the people. The rapud progress in wealth and in manafartionig helnstry to our own ilmaltantage it is sald-which is taking place in fermany, France, Belgium, Bararia, \&o., will incranse the demand for Wheat. The number of thinly inhabited, or backwood countries, which export Wheat will be gradually reducent, and the number of wealthy, populous, and advanced
The remit of these changes will be, that in
is country wo shall pmbably have to consume

## larger partion of some other breat corn

 besides ivheat, of we shall have to copy the Chincse in the economy of ont farmmg, and soAncreasi our hot? If wa sommaly malo up ome Arde to farm as well as the ("hirame. dees madody supposen that we whould hes unable anybody to accomplian the Flemngug an l. ther mechanical people: why not imitate the igriculture of an
outstripped us in agricultural economy and production? For ourselves, although aware of the industrious and indefatigable character of the Chinese, we have full confidence that English agrioulturists migat overtake and even surpass them. It is surprising that questions affecting the welfare of agriculture excite so littlo public interest. Yut we are perstaded that no very important steps wall be taken in the improvement of farming until popular intelligonce has cleared away certain obstacles which we have oftex pointed out, and which, as they aro social, of political, can only be removed by the pressure of public opinion
No one can soriotsly compare the agricultural skill and contripance of anyother Furopean nation with that of Jingland; our farming is that of a thickly populated and enterprising nation. It is deficient only where it wants a fair field for enterprise and matemals for the exeronse of skail.
THE grain trade in Loudon has been in a slow and almost unaltered condition throughout the week. A trifling exception may, however, be made to Wheat, quarter, and to Oats, which are lower in value by 6 d por quarter. Barley, Beans Peas, and feeding stuf zenerally bave been a dull sale at previous rates. The highest quotation for this year's Wheat of English growth 19 43s, and red samples are quoted as
low as 363 . per quarter. Country markets have corresponded.
market has confrimed the great Christmas stock market has confirmed the remarks we made on the in their fat. There were some of the more corn fed the animals were in the worst condition which bas been scen at the Christmas market for severai years. This created a large amount of surprse in some quarters, but if it be iooked at from the lipht in whome we veewed it, it will at onee become intelligible. Tho question, therefore, may be again asked-W ould it no the importation of live stock, which is so often the mportation of live stock, which is 80 oftcn
disenged, and thereby increase the encouragement to import forelga corn for producing a largely inoreased amount of animal food at home? It was further remarked in many places that in-and-inbreeding is proving jearly to be more and more unremanerative. Does this apply to the small-boned pedigree Shorthorns? the diminutive pedigree Devons? or to the less fleshy and more uniform pedigree Herefords? Does it also apply to sheep? As to pigs, we may
st once say we know it does. While this is the result of home brending ton, it is equaliy clear that forejgnammal This was partiechatiy oot icealle on Monday last ne the Dutch and lirench beasts. 'Ine suotch beasts, aram, took the lead as regards form an condition from
feeding. This was not anticinated, for the animalo late, where they have come ofl grass and turmps here been soft and flabby, the result no doubt of an excess of molsture in their green food and roots. The great market"durngh tho last 28 yenrs:-


## quene of wha not in a very animated state, in conke- queming featival of time there was before the mosunly jarge mpply would arrive for the Th that an market. This, however. did not tranupire, for there were only 1812 beasts in the market, including those left over from Monday. Previous prices were there fore maintained for beth chniee and mutdling qualities prow per sob belmg the hichpst gullations in curk  repnrted os in as pond. Of sueen, but fers of the of mow en them present either on Monday or Thursday. The large supply of $2 f .790$ on the two days made all but the show sheep and ripe handlers slow of sale.

- Un Saturday morning last an outbreak of footwhichnuth disease was discovered among the few cattle which remained in the Agriculfural Hall after the dase of the Smithfinid Cluh exhibition on the previoua hoiding the exhisheminone of the sperial order for
 cortifectete of health sranted only on the production of a surgeons, and health, siged by one of the weterinary Surgeons, and in pursuancenf thin fovision l'rufcsonrs Hall on Friday, and sagned the all the eattle in: the all the animala being fres from dised cartificater Friday night the groater part of the stools wos
removed. On saturday morning, however, one of the ill, and was immediately taken from the Hall and put in the hospital, as It is terme ${ }^{3}$, -a distant part of the building, which is appropriated to the recept.on of anımals which may bo taken ill during the sumw. An examination was made ound or be affering from the inciplent stape of foot-and-mouth disense. Pending inciplent stake of foot-and-mouth disense.
the issue of instructions from the Privy
rewpet ting the disposal of the nnimala, dircutrons wero foren to provent any of the to wheh were left in the Hall being taken away. The police licenes for the
removal of catle out of the metropolis were revoked in the course of the afternoon. On Monday the cattle were again inspected, and several of them indicated the existence of the disease; the total number of attacks amounted to seven. Police licences were iscued on Monday for the slaughter of
the cattle within the metropolse and they wero aly removed from the Hell durng Monday and Tureday Disinfection of the manure dintely under the supervision of the inepentor to tho local authority. It is somewhat remarkable that this is the first instance of the appearance of a contagious disease amonk catitle at the Snithfield Show since the outbreak of cattle plague in this country led to the holding of exhibitions under the restrictions of tha Privy Council licence. Reapecting the cau*o of the outbreak the professtomal opmion is, that the infection pas in some way conreter to the cattle, , robabling by days before the diseovery of the disease. This opinion is based on the well-known fact of tho limited duration of the incubative stago of foot-and-month disease not more than 19 hours intervening between the time masority of and the declaration of symptoms in the majority of instances
Tuesday last was a morts fat stoek show at Watford on feven culp were a warded. W. If. SWiTh, Jist, M P, offered two 10-kuiseacups one for the best brid ox or steer in any of the clasies have been bred by a tenant-farmer beifer, bothe th ud.rious premums, as 11 rach rase the solepted animal had not takeu a prize in its clace, Mr. Litul very handsome steer and umteal, thok the lut fur for a good 2-year-old heifer. The lit class prize in the oren was tahen by Mrs. Morten, Lea larm, Watford, and also the cup given by the Earl of Escsix for tho best ox or steer, without any conditions as to breeding The Earl of Cuareignon, K, $G$, was $2 d$ nith a guod
steer of 2 years and 8 months. In the heifors the Earl of Clarendon was Ist, and W. Jonfs Loyd,
bred by s tenant-farmer, thers was the best animal handsome mrize of a 20 -guines cup was awarded the



 Brand, Eut, MP. These were bith to bo crall peted for hy tenat-firmers orily, Lord Cimpirins Hok the 5-guines prize offered by the Old Berkiny Hunt for the best sheep (ewe or wether) of any a breed. This was with nde of five 2 -shear Slirops. Thie
pigs were excellent, 11 . Jones Lroord, Ewg. takitis three 1st prizes with excellently bred aral ted pens, The Ear Jof Eserx was also a successful exhibit Poultry, pikeons, and flead poultry, to the number 142 prizes, made up a very attractive show, and the number of wistors indicated that it was trell appreantic. pated that by next year a public hall for this show and public meetings renerally will be completed.


## OUR LIVE STOCK

Jjerron lnng ago remarked that domestic animala breed oitener in the jear, and produce noare soung at a sometinues breed at an earliar are. Me. Darwin in diso cussing this interesting point tells us that some anthore have lately attemptr I to show that fertility inoreases and decreases in un inverse ratio with the amcunt of individual strange doctrue has apparently arisen from quantity of food, and from pupheu of many anordioato krown on excossively rioh soile, as on a dunghil becoming sterile. With hardly an excention domestieatied anmals which have long been habituated labour of searula cophons supply of fool without the labour of cearehting tor atare st ore fert in thag th
 requently cats and ans I reed, and how mans yrito they produce at a birth The wild rabbit to produraly to breed four tomes yearly, and rablitbee from four to eight joung; the tame from fourto six to seven times jear.y, and produce closely confined, is more nrolifie then though generails so prototype. The wild sow 18 remarkabls prolis for wild often breeds twice in the year, and pronluens from she to eleht, and sometima aran, and protiens from fou but the domest esow recularls hreed soug at a birth would here 1 ,fterer if pormite l. mod a d-j ane, and
 and the somer shi 19 fortene for hetter." The amnunt of fond afoe the hutelier the of the same individual. thus affecs the fertinty even taine same individual: thils chece, whith on mounwhen browe jrnduce more than one lamb at a burth bear tring bear wolas. This differebce is apparently not due to he cold of the higher land, for sheep and other
domestio animals are said to be ertson animals conceive; for it bas besthe phant
taccous in tho northern islands of in tazeous ins tho northern islazde of fond
cons to bear calves before thes are

 th.e and herer attended Mr. Dold's sale at York, on the obtanned for: 27 come nud heifers mas tho sul balls brouzat arl akerama No remarkably high figures waso sod unnorm ranize of prices claractersised ( 23 , widi), browitht the hashost bid of the pronerty of Major stapylton, Whom arigin beri Shorthoms, at isigs. Charmal origia, and descender
ehased very cheally b Ada ars cheany by Mr. Wi.linumat ancured by 11 ijor Stan litou for 41 Do fir Beraty, of the Wraton Mr Sineithove buttr, hence these thre bull, and bred by the ate Mr. C. H. He the be to the encmany arrace of $12 s$. The frate by Mr. Bette, of J'reat on Hall, and home rable padigrec, tracma la kin to the fanould l'mop lose tribe sire, now 5 ynar
 growt-xpandion a

Kirklosington b?nol, and also a prize taken Mr. Palires man for the low ifure of litas a the recont exturn wio rited the dams the wiguntic ox sho vil b, Mr, J. Jones. ${ }^{2}$ produce of a Weleh bull and a Shorthom might be, ho has rittrined the ertroortuany -i the shourder hei height from eround at gilouter, 3 helent of lind guraters, of fo. 8 in. foum
round bone beluw knee, $1+1$ in.
SPCRIOTG Gİ 1 VOE


Analysis Nin 1 represent the enmpositiond Itarlatone. This= analyws Perkins \& Sons, numponcers material sent fo me as a simplat the comper antetion by Mr. Horace Legentit, Bromante

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of pliosphates which is found in gerums guane, and apneared to be primeipsim

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## itranters, and that fertiliser.

 nit $n$ !
T.an hatet msa was lrought under my motire by
Mr. If. liarneby-Lutley, Irocklimmpton Court, Wr. IIf.
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 -f the very firat imparlamea in is
nath If the been so customary to hear lisiticl agriwit ir noken of as an example of porfect rurnl
ecanni,: mid the statement has been so generally arrated as true, that the real facta of the oase sie, cravin. the bramches of injustry which occuny tho atteation and absorb the capital of millions of onr population, that which in the oldest, and forms the
 the monalar mand as the adaptation of a stereoisped pranti.a in a puranit wheh, if not exhausted. leaves
litt'e ronn for further development. Even in modern times, ist mo the apirit of enterprise has permeated erors sel.my of somety, when science conpoined with art has trmmplen over what were not long ngn

 tha areatextrnt remalnal ernveloped in the flaso ideas Tonnlan M, and the nrantice were no doubt in
 mat of the rollateral arts and scienceq, it beermas innorit one conllateral arts and scienceg. it becemes miture should yield to thear



 Ind hin ns !otu we hava a fielh which, when developer pmy. an many times excecling its present number.

 fin: : it is hart to say whyeh is molat to be


oms $r$ marls jrament, of le,


improvable for cultivation, we ohtann an inereme to

 remamink la tutimno of erre tis at aneml for cuit. satralue as sheep-waikn. wh the comato amelorated by udi 1ous dra. naze al 1 pantin:
 powes of oultivition need not be woadered th whes, We consider the goneral smount of imprormen'
 bask thin in compon w. thenery ene of thmen, that it mowerle and epiritlese $n$ isnation. Though there


 of the $\leftrightarrow$ mmerent and induterial apte, and it is only the recent advancement of the physwal and natura
scionces which has placed the means at our disposal



 muelh interect ar 1 mpmetamee sols differ preal,
 be gut let by their chmatie and flysemal relations at

 antre linits are aff ir in! by the nee and required by the





 of the soil, but me all dependent upon ita mechanical relatoms, int this inthanres is net mafinl to thes maturity ean the pilails arall the mompes of thir full



When there withrasi of water in a sol, and no become completely filled to the exclusion of tho neressury amount of air. 1 sut when the somb the air camale, superinous onty to murh mainture is rethined aq can he and only so murh miniture is rethine aq ande the small particlea of parth A A thers is communimatinn
 the soil eseent that whes is leld by capy liys attr:tion Thuz the water Whiph falk kysu and is ajrarbe" by the sur fce-crotn2. perno and camal in ite descent leaving beh:n! it ali the nutrive ingredients whath it carries in suarmacint or in anlut inn, and when the
 meurs after a thnernab wettonz is rery antly ilivetrated by meank of the genthent pronportins of ther
 in witar an at tatern snly, and thon alapan led an the ar withont any compressann. the atmo-phere will fult. the purpose of a dram and son draw of all the water
 drops, we might naturills infer that, ase if hat been

 GPa spent to preffrotion of we nows lind it tatween the

 and lo-es 16 sonner than that which in wet; and, as and to-mperature of a plare is chuefly dependent upon that of the superincumbent sir, which aguin is rern-
 render the olimate colder aud more bach watd Conse. diativet will be greakly lower than if it had bean dra nes, while the wniter te pherature will bn minratile more uniform, an eficot which is not senalderet farmarable to health and vigor in veratainn. Thi uniformity of nulyyl fanperatigre titl he grenter pronertion to tow watrice of then xonl, whinh, witw


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Woil alter the lemparahare as much as ase equal number the cuict valise uf che rerits of the ant. which is devated posctions, cantomb be werose but by drain-
 lier wuere regurel, 1tin a wale tial the athemer-




 of "way und means.



 bofure any portion of the work is tation in hond.
The outhy will, in many onses, be mucts affected by the proportion of laud dranave whels requires to the







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afforded to the owner or oocupier of inforior soils for the beatowal of increased care and attention upon iands formerly cultivated on a system requiring the leant possibla amonint of labour. It is by means of isbour tione that we rerive every advantate alforice hy the soil; and the diffimity attending its ju tixious appiance in the vafied morritiong of azrymitiure be nomes in a
 stean-ang nec umphatinz in the most perfent manner the equaralent toil of many hands The rator meana of tranat now enjoses hetween diffurent parts of the muntry
 renders the trim-massion of a frot tant from one plare to another a comparaturels trivial affar.
The insulated prostiran of a larze extent of the relamable zeas of fireat Ir,tin, anf the meane of


 inthmate upin tie result, on I arn themonlves leas withat the power of indtwidnal effort In rians of

 farmer 18 enmpelled 10 followt in prantion of ha forefracta of low-lone land, whenth comparit wely wirthInss in ita present state, when dramed, cult watel, hmed,


 have been attaised, and where, by the conversson of a few hundred acres of ooor mountain past ure, the focks
and herdis of larce hill-farms have bemome more than and herds of large hill-farms hing sentages reaultion doubled, while the corresponding advantages reauiting
from the movement in nther respects have necassikated from the movement in other respects bave necessika
a omplete revolution of farm eennory, and been the means of introducing into high and expased distrints a new and then, as in many fther mountampus parta nf the conrtry, l.tile farther advanceraent need be lrinked fis in this reapert, unt /a more extender systom of rallwhy commumication placea the dram-pmen and hame-kiln



 and upinn the value of
 of mor whath reciamation are now hem: erried nut
of ten miles or upwards, from the nearest railwh etation. In this instance, however, the drain-pipes are the disadvantages above elluded to may be greatly lesseved where the clay is suitable for the purpose, or where limestone is to be had for burning on or near to the farm, if the works are of sufficient magnitude to induce the first necessary outlay.
After inquiring how far the resources of the soil may bo influenced by the foregoing considerations, some and probable improved value. The real money value of this difference will always be found to be in proportion to the insufficienoy of the lands alresdy under cultivation to supply the ruling demand for the article of consumption which the land in question is best fitted to produce.
It thus becomes apparent that to undertake the reclamation of land which in its improved condition
would only be adapted for the proper growth of Grass would only be adapted for the proper growth of Grass
and root erops, and not for the produotion of any of the cereals at a time when grain was at a pretime being, be rendered so profitable an investment as standing that longer time would be required in this standing that longer time would be required in this
case before the investroent yielded the erpected returna, it could scarcely, on that account, be regarded as less certain. On commencing reclamation the land is tasen at its unimproved value, and any outhay expended upon, it and efiectiog what it professes, viz. improvement," ought eventusily to repay itself. Where the land has
been improved, the numbers of live atook will be incressed whether the prices are high or low, and this surplus ehould afford good interast for the money expended, until the price of provisions finds time to re-adjust itsolp. One point which may induce the
undertaling of land-reolamation at a time when its returns masy be considered as subject to suoh restrictions, is, that when its nastural productions do increase in value, it can at once be turned to the best and fullest advantage.
A large amount of circulating capital is requisite This capital, forming as it does the motive-power of the whole concern, is exposed to the graatest risks; sifferent operations is necessary in order to insure its proper applisnce. There is nothing simpler than to squander a large amount of capital in attempting such the desimed should never be undertaken by any one who has not thoroughly stodied the economy of the farm, and is, moreover, possessed of the necessary talent, judgme Nert to having sufficient mans at ability wherewith to carry out our designs, it is essential that the capital so invested Northy security for the return of the capital so invested. No prudent agriculturist will estate unless he hss some assurance of being able to reap a profit by his outlay; and, short of absolute number of years. The longer therefore, the terms of a lease extend, the more identical do the intereats of become, for the farmer soon briag the soil into the highest etate of culture, and after reaping a fair return for his trouble and outlay leave the land, at its expiry, worth more to his land lave the hand, at its expir
lard and more to himself.

CONTINENTAL AGRICULTURAL NOTES. [Froin Beitish Conguls' Reports.]
The Cattle Trade of Donmark. - Previous to $18 \omega^{\%}$, when the export from Jutland to Great Britain was branches. All the best fat anımals were sent to Hamburgh, the next bect to Copentagen, and all the lean moption. The trade to Hambargeneral home conmost profitable, left the breeders but a small gain, inasmuch as the preater portion of the Jutland beasts sent to Hamburgh was re-exported to England, and some transport, but also double commispions and other
Auctuatinge partly owing to thas very uncertain and market, and party from the uncertainty of the sup-
plies from the Zeel ond breeders. It was fikewise found that the Copenhagen oonsuruara would not buy prime things acted very depressingly on the country cattle
breedera, who often found that their fat oxen after remaiong days in Copenhagen had to be transshippen for hamburgh for want of purchasers. The demand supply, and only for the commoner kinds. The most important branch for Jutiand Was, and sthll is, the trade in stall-fed cattle-that is to say, in animals down and sold the winter, and in the spring driven Who after having fattened them on their rich pasture lands, again send them on to Hamburgh or England, this trade 1s, however, very precarious, and, perhaps, the most uncertain of nll, for changes of weather and semsons influence prices in most mrbitrary and
sudden manner. The uncertainty, therefore, of the Jutland cattle trade in general, the want of surtable markets, and of a steady supposed, hindored well-fed animals, had, as may be branch of agricultural industry, and to had long been felt that a direct trade with Eggland would aford a this gource of national wealth. It was not, however steam successfully effected in that year, both from Copenhagen and Aarhuus, and with highly batisfaptory results, not only for the breeders but for agriculture in general. The breaking out of the cattle plague in adopted by the Danish Goverament in consequence, was a serious blow to this new and promising trade, and the result has been that it has ceased to be remunerative, and the Jutlanders are forced to fall back on fieir old trading channels, to the mutual disadvantage of both countries. A statement of the extent of the
exports to England in 1865, snd the two subsequent exports, will best show the effect of the restrictivo meavure from Denmark :- There were exported to England
 The amount exported in 1885, it is stated, must not be year the first attempt at direot trade was made. On the contrary, it is believed that the removal of the precautionary restrictions in England would herve the efleet of giving it a very considerable development。 Denmark is eminently an agricultural country, and her farmers are in general a well-to-do set, possessing good and extensive flocks sad herds, slthough the quality of these latter is scarcely comparable to Englist fer animals. A considerable improvement in this has of late taken place, and the Danes are endeavouring to enter into compatition with the better description of English cattle, and arready the Holstein beasts are a favourite breed with the London butchers. The total
export of cattle, sheop, and pigs from Denmark to foraign countries has been daring the last three jears 141,149 head, 129,830 head, and 118,272 head respec-
tively. About three-fourths twere from Jutland, which province, under the influence of the encouragement which a steady and remunerative demand such as the duotive powers, and export, no doubt, much larger quantities.
Mr. Consul Crowe conolndes this interesting portion of his report as follows :-I am informed that the home supplies are likelg to be short thronghout this year (1099, owing to the graziers being compelled to retain caused number of stock to make up for the deticleary therefore, of an increased forcign importation will bo the as meat will probably continue scarce throughout of the high price of animal food in England, and the importance of cheap proyisions for our working classes, that the present restriotions which check the importacannot be removed. There has been no epidemic of any bim among dometir animals in Denmark propes and the Danish Government, which, by virtue of a law
prevention of the propagation of contagious disesses, measures to guard againgt yery stringent precautionary infection from the Swedish and Baltic ports. It is o be hoped, therefore, in the intereat alike of the Danish exporter and the Enylish consumer, that a freer Hamburgh. - The cattle may soon be permitted.
Hambrgh, - The cattle market of Hamburgh has
become of great importance, owing to the convenience become of great importance, owing to the convenience of cattle and aheep exported to British and other foreign ports cannot be ascertained; but the number and value of thone brought to the market of Hamburgh Hanover, and the interior of Germany, principally by railway, were as follows:-

$$
\left.\begin{aligned}
50,461 \\
3,005
\end{aligned}\right|_{\text {Phigeep }} ^{\text {Pifs }}
$$

Throughont the whole of the year the cattle in this part of the country were in a healthy state: and farms in Mecklenburg and Hanover there is no reason to suppose that any disersed sheep havo been ahipped cue port of Hamburgh.
Menel. Horse Breeding. - For more than a century this province of Prussia has been celebrated, more than at the present moment about three-fifths of the entire Prussian aywy, are bred in this province. Frederick Frakehnen (near Gumbinnen), in the year 1780, fave the first impulse to horse-breeding in Prussia; and under the relign of Frederick II. a plan was carried into execution whech consisted in placing a number of the stallions bred at Frakel.oen at cortain stations in this province for the use of the landowners and other private persoas in possession of mares. By enabling station without the expense attending a next atalion by charging a very low fee for the covering, and by guaranteeing comparatively pure blood, the number and the breed of horses throughout the country was raised in a short time. In the course of a few years that the Wiag found to have worked so succensfully similar to that at Frakehnen in other parts of Prussia Thus, after a fow years it was found possiblo to mount the Prussian cavalry, which hitherth had been obliged to purchase their horses in foreign countries, on
Prussian-bred horses, and a new source of gain was at the same time opened to the inhabitants of the country, The Royal eatablishment at Frakehnen covers an srea



## of colour, and at the various out ithmor fol arranged according to blood or oolom tel

## one, two, or three-year-old atallionh ar in are turned out to graze during summer

## osre of keopers, and if found of by fonlow

 old they are placed at one aspecisl one in order to bo fit for as term fourth year) to be sent to the parious en passed a certain time of profer Pru passed a certain time of probation at thastallions are distributed for further parts of the Prussian monarohy We sent to the last-men or other, are certain number of mares, are placed is auch horses as may be required forth his selection, the remanning number dy idered by the director of the of ot Frakehnen to be unadapted for bseadiorput Frakehnen. The Royal Commissionen of purchase the requisite namber of hems rom the landed proprietors, or makd fir at the horse fairs, The average piek pre is about 200 Prussian dollars (अll)

WOOLSTON STEAM-PLOCGELK I observes that Mr. Smith's men have fat jobs, and so he is at leisure to nymen
spondence. He does not, howere, depart favourite mode of battle, he throw ont 14 undigested figures as the Purthinns dut I arrows, and thinks to advance smid the
thereby hopes to create. If his firmen rity thereby hopes to create. If his figmem wifl
might have some value, but they are mand What a protty litile estumate he gives balances
sense, men able to anzsreciato sonnd
acmounts, put any value on such a tidiculo What havo we to do with horses? He mill to do with the question, and 80 now I will 112 sores of arable hos. He has a smald. 80 much as 100 acres in any one yeat Th "partiy "heavy land land" (six fields are folds ard bela stoam-ploughing he used six horses on that on
I can say is-" Mr. Smith jou were in tivh (whatever you msy be now) late in life, and I havo a daal to
myrelf with the pablished opint with "four"" horses instead of required, I havo a firm in
stif clay as you will find, th
of arable, and it is worked with of arable, and $1 t$ is worked with fira horse
autborities reckon no acres of plough to
horses if the farm bo
 11 years, has used three horses on his
muxed (light and heavy) land, and a stem
apparatus beside. Now, hear it, ye smill Ebglaad, who Mr. Smit
buying steam ${ }^{\text {smashers }}$ rayus has jus smashers ratus has just done thork of one hors' never hear of interest being charged tackle and implemente
then, is the meanin. Morton's for depreciation of value, and sad for depreciation of
billa, 7815 ? a-yer.?
good farmer
depreciation is thereby brought interest on the whole capital
reakon a single penny as "farming F per cent. from it. The firat prodion very fer man work wholly on th work with borrowed capit
 depreciation upon a set of steam cultication ing a farm
assert to be a pure fallacy,
hrough. Mr. Smith arlm,
(including hall the p
o 7 l. 10s, per annum,
And now sbout Mr. Smith frying to
farmers to buy itcam cultivators. He denies that he had done sears azol in kupport of his denial, and yet in the rery same breath be reasserts the advisability of
thmsll farmers having an apparatus exclusively for the
 land, ant ' $G$. A. H must see that it pays well on this
farm of mine, interest, wear and tear, depreciation and farm of beng considered
Is Mr. Smith in bis senses when he makes such an
gesertion: The apparatue is andmitted to be worth sesertion The apparatus is anmisted to be worth
375 , and the whole yearly sum put aside to cover mineres, and wear and tear, and depreciation, is less,
than if or less than 2 per cent per annum Mr. Smith had better ?uietly give up he contest He invented the word "smashing," and I am afrard
the has got "amashed" himself. Hie 1i going to drop the ward "interest," for he "will not be pulted up hy
it amain," and so he will in future call his la. tid, per acre "extras." There is an old proverb, "A rose by any need not expect to alter the fact by altering the bis brother farmers," "f a man haga farm large onough to require si(k) acres to be phothend each year, ham
is fid per acro is enough to evver intereat, and near and tear, and deprectation upon a atcam-ploughime apprease sn inverse ratio to the size of the farm-that 18 to say, 400 acres of actua! plough would require 3. per acre, 200 acres of actusl plough would require 12. per acre to cover interest, and wear and tear, and depreciation." Let him also add that, he ia sorry for bed for wheat at a coat of fis. .d. per acre, for the rea
rost of it was 17 s. $2 d$, inasmuch as the 1 s . Gid for "extras, ought to have been $12 s$." Let him do thiss, and "G A. II" will trouble him no more. Nevertheforling me that I shall learn somethion from him before he 18 done with me. I have no doubt, sir, thal fife. Farmink, however, is not Mr. Smith's hobes in Which he has two, -one is to criticise Mr. Mechi's accounte, sad the other is to vaunt his inventions in
the matter of stem-ploughiog. It may be a rude speech to make; but what will he say when I telt him ho is neither a kood socountant nor a good meohaple?
When an old hen lays an egg she cackles in a most fearful way about it, as if no hen had ever laid an erg before, or ever would lay such an egg agan. Mr.
Simith set to work at steam-ploughng some year agn, and he has ever since been "rackling in surh a ln. i ins,e that he bas not been able to hear what others
have been dolng, and he faucues humself stilt cook of the roost.
If Mr. Smith would undertake to teach me farm-
ng, possibly I might feel obliged, and sit st his feet. ns Saul did at the feet of Gamaliel, but I should not hike to pay "a five-kuinea fee," unless he
would undertake to show me how to work 11" arres of arable moxed licht and heavy land with less than six herses is to aceounts and mechannes I really wona not lixe to pay a fee for themi, for in inay mauge his
knowledge of them by his writungs in your columns, I smivclined to think I knew more g bout both those subhe a quarter of a century ago than he knows about


## 

Bteam Cultivation by the Roundabout Taokle.-I must have a few worde with Mr. Toepffer, who tells tackle, works cheaper than any other. I do: but then fornd incorreot; my evidence has does not tell us where, o "hom bI, $\frac{I}{\text { I }}$ zow What ho is driving at; before ho tilks of " incorrectness." The plain fects are these. Can manke seed-beds for Wheat at fis. $8 d$, an tro-engine tackle. The evidence in his fetter is clear that he cannot, for after telling us that performed acre he says:- "On the other hand, I have performed work at lis. an acre." What work? He lie With stra,ght boundariec, where we get orer 35 acres 1 thke that to mean two 11 horse-power engines. M
cagine can do, on an areage, 8 acres a days smashing
that is all first work conine can do, on an arerage, 8 acres a day smashing:
that is all first work. If we fix his engines to do
double that quantity of work, all smashing or first work, that 18 quite all they can do. Then his 35 aores by horses, but then has cost ts vastly over 6 , -
that my "baby" can thrach it at reed-bed making The reen by any man. Let hima tell ws on what farm be seen by any man. Let him tell us on what farm
rout can tind this done bs the double-ngine nackle
Let hum do that, or cire orer talking li is all very Well for Mr Theepfer to tell un that there are a lot if


 the bug loaf. Hence the latidurds in that lowatity can eart their cora at harvest with the fewest num ber of horse, and have the farmers socting men sor af that is not done, they are scattering their money by that that will never grve the big loaf, and I am quite certain that they will never find out my grand secre -how to farm the deepeat, cleanest and at the loss! cont Mr. Toepffer's ovidenoe is dead arainst him
unon there points, for, an to depth, he sayn nothink: apon these pointa, for, an to depth, he kays mothink fieldx were full of weeds." andi as on emy if have
 Mr. T'orpffer calls "testing" the thing upan their nwn
farms, he does mot, pretend that eny of them have thoroughly set-to to farm regularly by steam-power upon the contract plan. W'm. Smith, Woolsion, Dec.
The reply of Mr. Smith, nf Woolston, to "(i A II," as also his letter to the , Trnez a few days back, are
werthy of careful perusal, and whatever charge may be laid at Mr. Smith's door of hastiness of temper or curtneas of reply, is in a degree compensated for by the fulness of his communcstions. And when we steam cultivation-direct $r$ roundabout tarkle-by the evidence of witnesses on both sulfer, the witnesees representing the former are conspicunus by thent absenre, Journal. "Steam-ploughs. What khall we say to the reader-that there is not a sleam-plough in tho grent liall? No, not one are the words in your remort of the Smithfieid Club Cattle Show. Aso, ploush." You then quote bis remark: "' The day is not distant when steam-ploughs will not be we neret imawined that that time wruld the


give an answer, or express an oplaion. The hril mor inmediately in reference to than a molive powre the purnoses or harvesting corr, drawing out manure, and purp other druught purpnse to which horse-power has hitherto heen applied. Secondly, has the the better and dy of asislasation of the soll? or, as llaron Liebag and deeper "allorn Agriculture, F las "As the patsill, portions of food cannot of themselves leava the smallest portions are held firmly fixed by the soll, we sat, inderstand what immense influence must he can understand exertod on thorough intermisture" Or, has he division and thoroughurs ; berond that used under stimulated it by manures, horse cuitivation: in other words, is the average o we stock on his farm the exmorm, before the introdurtion old steany quantity - (ertsinly with such payme in Mr. Bates' case, of her an per acre, and a Berkshire farmer of $2, x, 2$, per acr (twice over), no doubt the contract rystom is the bes for owners of doube make the natural stores in soll deeper cuitivation may mble, more avalable, still the profit will be all on ne sade IJ'est Indian
Land-fast Stones and Steam Cultivation.-I sbould be much obliged if any of your numerous correspond cultivgting grveme tian ad may farm. I bold 1 vo acres of arable land (mised soil), but throughout the whole of it there are occasional land-fast stones vary ing in cize from a few pounds up to half a ton. contact sith one of them, Of course efterwards thes could casily be remored, but it would Cols are cheap and most of the fields have runang weter in the dy kes.
 ing, part of one sentence is so priated as to convey an opposite meaning from what I inter actumy witnossideditig in pools above draids which were digcharg, mead "much more feebly than they ought to have done;" my complannt
being that the drains did not discharge sufficient water. It to happens that beiog in the field to-day to which a denth of 3 feet, and which 15 now nerfectly dry, observed water standing in an adjoining fieid of amilar
ebaracter which is dramed if fect deen, thes afording evidence that the water was uable to mike itw was throuzh such te
Smith for using f-ipch pipes, in one of the instanceo pipes would probably have beon sufficient. As the drama
probably a sufficient rearan for what he did, and 1 imestone, w|ll 11 was effectually d nertiguane, on the

 Dairy Farming " H1.en "ri A If," an dary farm.

 equal to cow in consum.og, he commits a palpable error I bepg to alsta a few farls nhinch I hope may do in the tuatter to whith he has called attention. I
 Thoming and I mint them in May is, whiels in a goocting season aupyiles them thid Aligust. A chango ready in the mown a seres they have to te supphiod elios Wherotill it is ready (there has boen toan thow lat two yours), thay then go in on aftersris, and so oc to



 dairying over breeding and fonding. I will axpume,
though I ton't suppose, tiny four cows to produce J 5 L .
 'ly acres, $2 l .10 s$ per acre. Fxpenaes, milking, fodder-
nng, and seneral altention, fin. Foekly $=13 l$ preparing compost, romposting, beating, chasing, roling, stonepecking, de, mowing and raking, carrying, rickiak, thatehink, bought siraw = ing -deleriorather riske, dry summera, and home labour and wear ciensils; then hils it stands, bill I put \& helfers at 12l. the lat of May, if Grase at nvemge of (20) parl), labour nsl, risk: about equal, wice the profit for the same outhay, and land at liberts to May following. $C$ F Brimhlose, Corentry.
Lambs and thelr Diforders. - There hal been here hat appeared to he a very healthy fat finck of lamba up to the 2 ath of Norember, and then purgurg marle its appearance. Five have died in forir days I was induced to examine their stomachs, and found in them ail the seeret of the disense, viz, tape-rorma inot what The, r lamber rut. lomen , ts inspert for themselves The

Truri member of the lingal Agricuitural Society must join hearconnual meeting, on the preatiol stepp they are now taking, both in the Journal and the propowed prizes, to bring the hest mociela hops that the tenant farmers round Oxford, to whom the propoeed prize. are restrieted, will speond the efforts of the Society, and enter for the swerpstakes. In the meantime, the Conncil and the judges, whom they may appous, have to weign several delicate and dimeul to at any qatisfactory conclusion. What is to be considered "the best managed farm?" The one that ooks best when the judges go over il-che one thas: produces the areatest mmount of saleable food in ont and meat-or is it the one that pays tbe bugbes interest to the ocrupier in theie decision, and pertanly if there are many competitors some will rest their clam on one or mors of these potnte. Apara the aroa round Oxford contanas such varieties of sol sal cultivatun as to render any comparicod almost impossible. There is the Thames valley, with its early apring and dry soll on the soutb, whith the cold and ack arms on the Ilsley Downs and the sheep oredicomare with the oolite pastures and Chiltern Hills to compare wry hale. There is some of the rachest corn-producing land between
Wantage, where $f$ or 7 quarters of Wheat are not uncommon, to be contrasted with porar upiands where With ronts one farmer with artufiesa! aid may krow
as muel food on 1 are as another can get of 10 , with a monsiderable amount of superphosphate. The result
will probably show the necessity. if these prizes are continued, of distinguishing hill from vale farms
 of beng in any respect bettor farmers than thair neigh-
bours witl join in the combat. It canot be other-

 call ith 15 conts Mpi to tenants is that the landords and
to all momers their baliffe, who wonld harn entered in large numbers
of permitted, woul, have shown wome expellent farm1 Ing,
whime wild emmman I admisation, tut. if the threo pointe I first montroned are carefui), I mired juto they profit on the caprtal employed I nhould hive
of
boon gitad myself to have entered my fabe withove
not avery farmer who knows how to apply tackle, and
Whas is worse, in some cases will not be gaided. Mr
Toepfer may repeat his blund advice to the fimer, and
grazing land of the county mi
in value $20 l$ or $30 l$. per sore.
Lord TrcHirep county for their want of idterest in this subject, and county for their want of interest in this subject, and
maintained that it was one of the first duties of a land-
lord to enoourage his tenants to the urmost of his lord to enoourage his tenants to the urmost of his power to layd. He held very firmly that property ought to be protected, and he believed he was promoting that
end by giving the utmost protection possible to the rights of tenants in the soil. He would like to know Whether Mr. Smith meant that a tenant was to receive compensation for imp.
sent of the landlord.
Ir. Suitr replied that a tenant ought to receive compensation for drainage done without the consent of the landlord.
Lord Licherield was prepared to support the interference of the Lexislature, within certain limits, for the resolution unless the phrase "temant-rikht" were properly defined. With regard to the land question in in tho Irish Land IBill any rivactple were a topted
ngthing could save that prinouple from being eventually adopted in England. He utterly failed to see why any prinoiple which misht fairly be applied to Ireland should not be applied to Eagland. Public opinion on the subject was ripening so rapidly that if it had been possible to avoid legislative interference things would soon have righted themselves under the pressure o
that public opinion. There could be no doubt, how ever, that lepislative interference was necessary in Ireland; that some attempt must be made to unrave the hopeless confusion there seen; but any legislation for Ireland would be far more just sad efficient if they ap plied thesame legislation to England than if thay did not He had devoted a good deal of attention to the subject of agreements between landlords and tenants and he found
that there was great difficulty in deciding or what thst there was great difficulty in deciding on what
principle to ailow compensation for commercial and principle to ailow compensation for commercial and for permanent improvements, Varying decisions oy Would recommend that a county should be divided into districts, that the Jandlords of a district on one side, and the tenants on the other, should appoint a
valuer, who should serve for 12 months, and before whom, in the presence of an umpire, disputes should be brought. II the valuer and the umpire were unable to agree, the dispute should bo tahen bclore some
competent tribunal, whose decision should be final. As to approaching legislation on the question of the land, he would point out one or two particulars in they wonld have to deal with existing improvement No land bill for Ireland would be of the slightest avail which did not give compensation to tenants for improvements aiready effected. At the preasens time ail those improvements were the property of the land lord, nud it was luclancholy and absurd to hear
thase who tork tho wtreas landlord view talle
 great; but he thourht they might bo met very the following manner. - After a certain date, to be named in the Aot, landlords and tenants must start afresh and upon a fair footing. The prinoiple upon Which compensetion was to be given in the future must be olearly stated; but if the question of existing would be as full of dilliculties somears hence as it was now. He thoukht the only Way of setting the comEvery tenant who had a disputed claim on his landlord for unexheusted improvements must register his claim by a certain day, and suphosing the award were etther by paying the moncy down and starting afresl, or by giving the tenant a certain number of years occupation in the nature of compensation, or the sum bo pard at any future time upor the eviotion of the tevant. This srleme woul 1 have the effect of bringTemove the crying evil of separation and conseguent
want of sypathy between the tro lasses. He dex red to pont out that in Ircland, in conse. juence
of the absence of trade and manufretures, a person
who was turned out of his holding bad often no who whs turned out of his holdng bad often oo
ohoice between the workhoure and starvation; and
this brought him to the aneation whether this brought bian to the queation whether oompensation to may that it ought, he would be put down as an but he could not conceal from himself thast it would be provide against caprioious ejeotments, monle morn ly fic the purposo of improving praperty. If a lam liort desired to throw 10 farms of ill ia res each mito o
farm of 300 acres, and if he found therson 10 20 tenementa whioh had been built without his leare he would declare that, so far from being improvements, they were injurious, and a great difficulty houses would have been built urder a systcm which the present time rood landlorda mad to grow up. At pensation to tenants evicted under suoh circumatauces: peasation to tenants evicted under suoh circumatauces; given by law for eviction, tho f, compt if the tenant property in the soil would be recogrised. Cumpen sation under thas heal would bare to be given, but in guoh a way that the rights of property must not be
interfered with. After entreatiog the Chamber to give these subjects the fullest consideration, Lord

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 this Club, Mr, IL, EDGAR rend - At phyytages of oultivation on the flas oner untionsie
stetch. He said:-I mean


poosible, and make it percolato thron
underdrains, to be oarried of
smount of soil is washed off by surfach hilly land, whroh would be avoide
the fiat across the hill, and the ferti

## adantare wo lerive from this system

 making a Cullow the land 13 jooughed stetcin, lecauso it can only be ploughed wathat way; then why do we ploseh on the when balf the furroms are of different deph one-sixtli useless labour is required? The
in farming heavy land is to acop the wot
and liow and low 15 tha labater th
lasd every thres years, throwing beck then was perbajps the best system, laying laud ona before underdraining was thought of, bota exploding everymhere, and cannot lood an is ibat more land is alvantad by favour of fin get a more level crop, and better sample, 4 furrots $s$ of small stetches are planted, fien
suffient soil to bring those roms up to the reault is underlynns woak strams, and small he thin hernols
ors look well than of at all stmed and even. The driling is done equills stetehes have been liacd wath sir horseat 1 , stetches have becn lacd With sir horsa, ide
 always urnil n day or tho so mer than the othat
the furrows are the last niaces to dry. Inale operations an al lvalitare is ganced, sich for rumnd stetehes: 'Lhen there is horse-back implement ourks best with the shaiks in wo oruall stotches, whero th.cy must be phaced a quarter-cart fashion, givin弓 a

 also, the loads are not so likely to alip dom a fine day, besides very often pifahing s. load and hurting him, ifo by farming on the fist bit I korly' likely to occur.
from what I hoard tho ow ifr of the der where there were no furrowa, as I notuce that many of our best and la heavy land never have a small have. I any see olaarly the llat syst and if sll the modern implements better. I believe the land muy be kep furrows are great harbouter
they get ploughed but one
other part of tho stetcls.
The Ingtiduantage I shall notice in thasp saving of a ploughing in the $=$ prior if the unfavourable, of losing the winter means losing throe or four coom it would be level enough; and I mus in the spring for a orop on bery lad would say, if I havo made any endeavoured to reep as near the truth a experience in flat farmiog has gone, ", my heavieat fields, has been 10 yedr st present to alter my opinion;
come at once and read you apape tages of Jarming on the flat.
 The (anarsac bald uif they agrota
 the hint in i, its in ght wis the Whent in, In havle,









## 

 tiser. 1 w?
Than-t, sery efficient and publ c-ipirta! atifalpes, bents in the Corm of a pamplet on on ondining
reports of
 yer. Irists frim the burden of local thaxators.


 ment in of tis Bath and Golthern Counties Agricult A, rety depended to nome extont on she "In reoording the
Which nur iub the debated and oucurrences wo thit cenful weetian of the Bath and West of Eugland and

Sonthera Counties fseociation in June last, beesuke
during many months prooding the shom, thromehout whath the preliminary mesures wre leing carre.ed loal commattee were unlerthees and suceressfula,






 morves ans the maters for nallathers 112 mowion Ihrese duthes, what hathout divarating the merttorinus evertionso of the sujuy or for 1 sibs, and of others: ther agricultural knowledies and experience of former shows enabied them to render, amount of time and trouble: and ationdith but fife to reward them in this place, and the more so as the


## Farm Memoranda.

WFet Stesal $D_{\text {e }} \cdot 13$ Weare now near the end of the year, and so far ac furathy operations are concerned nearly at a rtand atill. Licht land farmers are
stifl sowing a hittle Wheat in soine slaces but the most eommon work is roadmaking and thresting, athd the inducement to th, resh is not kreat so far as Whemt is conecerned The price is low, attd 1.0 jueld in wome quality of some of it very infernor, and I innk this thas been so mostly where it was sown thiekly, we that those who are ealled thin seeders have the best of it this jear, harvest commence 1
Birles hase turncl out pretty well, nnt thonteh thero are hot inthy very supprine samples fot there is a larde

 It War rather a ma, allur, and I th ink upou the wholes



 rather scarce, as man fat fower noy, than $t^{3}$ hey used to
do; and thie reason fo olear very dear, and feeding sturi has been dear, sod some of it notat all what it ought such thing as pure linseedcake in the market, and as it is not lenseed-oake it rnay bo anything, and is not likely to do much good $\frac{1}{\text { donen mot than }}$ for some time as it has becu, and there is not general for some that Aust aloun ment will take toneh int our markets: pentle n. whation math nut meat fair quavity will be in demand, and inees are sure to seepl up.
We have had some very sharp frosts and sudden thams, and upon the whole ramp and uneomforiable for cattle, but base net benemona (rase, and it, with a little of the roughest hay, keejs lean stank in fa.r order Inn Wheat, hut int como
 the soll below murt be wim an ward and establubine roois are do doubt strik themselves well, and wit be all the better in the spriag
The younk Clovers are goon, and appar to be well The young chavers are goof, the we may erfert them to hol in of is
 Jameq Duncan, the larea sigar fartor of lispeng iane,



 to grow it and feed his fintory, but if not-woll, he did under nay ablization to grow it at all. There is no co-partuership in the natier. Shoutd ilin venture


 one soveretign: and lin rarriea ha k in his farin dry



 milch conze s. But tho
averave worth Surat Beet, weight for werght, in woith possibly far converioh, inta boof 1 ues pher ton The











 pulp is nowi nournulink sald arateful foms, slonk of
 remmitibly hell mpon it, IButlockn merc futund fetten as rapidiy on a peek of pu $p$ mixed with cluff or




 a good distance, and the root shuuld he carthed up to
H.o leares (ha geod smls and in favourable seasons on tons an
 the best "rop, on September os, real les 21 then per nure, and al tolas of tope, or a grose siold of nireworma had bun very dmatratise among quo boung plants, and an utaralal quantity of the crep had bolted or rum to seed. These rahathay and the blanks playedsadiavo with. the groses relirns Il wil there been a full plant the arcra, wrull ortatsly have


 Farmors (liah lat wrat the bugar linat bown avep-



 stoan cultivators have been learing throngh the to field. Wo faras, and becorming more searce. "They are all of to tho factors, 15 the cre. Wages are lohing up, mosey is ifiw, ing in, and the quitet old phwe, from gentee manotom to taitering arret, seeman to be starting forisarit on tan roit 10 aeri mitural improvement and soulal 1 rurems. Whthout aus of the many of its ad vantages, ope of the cbiof passibly belng an increaso of therr bankers balances at tho dead season. D. T. Fish, in the" Tanes.

## 


Tire ancients said that when Cireek raet Greck then came the tug of war. The modern estimate of the Hellenes would be rery differont, but the paying remains a proverb. The tug of war at Birmingham land hearily in the bucue chacers, and was Mr Charles Chaluner, taking no less $1 / 1331$ nus vilver cups aud four


 army. The zoldon-lared bantame wron $\because$ ? anduome,


Mr. Leno was 1st. The white bantams are not 88 good as formerly, When Norfolk in general, but Norwich equal to the ideal of in particular, sent sorth birds Searle, of Gazeley, near Newmarket, won 1st with a good pen, followed by Mr. Edwia Pritchard. The black bantams were more numerous and of better quality thas the white. Mr. H. Draycott sent a pen of very good ones, and won tst with them.
The Hon. Clement E. Finch took 1st prize for bantams of any other variety except game, with a pen fashioned China, so quannt and squat were they. The $2 d$ prize was taken by birds of the same breed, exhiwork to decide 38 to the merits of the positive and neartive points and qualities were nzoely lst prize and silver cup, was closely when for it the Crawford took lst prize for game bantam cocks of any Ther variety
the aylesbury duck is losing ground, or perhaps we in every way was the Rouen in the ascendant. Mrs. Seamons took 1 st,
Mr. Statter was lst with a Fonderful pen of Rouens, large, handsomes, and beautifuly coloured. Mr. Hayne Fas int with a pen of Black East Indian, and Mr. dition, and took 1st prize with them. Toulouse geese beat the whites in number and weight, and the intro duction of the pure Toulouse breed has been of great service to goose breeders in meneral, by giving a bird o greater size, and at the same thme more productive.
be noticed, and the bird thelght or the turkess may years' old, upwards of 30 lb , is worthy of some consideration at the hands of those whose province it is to
grow food. Mr. F. Lythall took 1st prize for adult and Mr. Patten for young cocks; Mr. Sanday and Mr. Stott for hens.
The pigeons are always a grand collection at Bingley filled by these universal favourites were areat catios of sttraction, although some of them were very badly placed. The mell-known committeo men, who. with "a long pull, a strong pull, and a pull altopether," have done so much to bring the meeting to its present emiderme, maty congratulate themselves on the successful
termination of the show of 1860 , and soon commence the programme for $185^{\circ} 0$. It would be a great thing to get the prize list issued earlier in the year.

The judges were Messrs. Andrews, Hodson, Bailey, Dizon, Hewitt, Teebay, Smith Waods, and Lorde. The receipts for the wreek reached the respectable figure of 14224. 1s.

## Miscellaneous.

Cottages for Labormers - Wrll you allow an che
twitness to relate kLat he has crin of the poubhity of buideng thorounhly substantial and confortable
cottages for labourers on termis eminently satisfactory for both tenant and landlord? Tho Rev. Christopher Nevile has shown me the cottakes which he has built on his estate at Horsey, and which ho describell last atructed under nudressed to the Thues. Two are conatructed under one roof, and cach contains, besides the
living-room on the kround floor, two bed-rooms upstaira There is a fifth bed-roon, so placed as to be arailable for either cottage, according as the wants of important for himay render a third bed-room more important for him than for the olher. They possess closets, kitchen range, copper, pikstye, and enclosure closets, kitchen ranke, copper, pikstye, and enclosure
for fuel. The building can bear guccessfully the strictest inspection, as the following statement from a most eminent land-agent, perfectly unconnected With $^{\text {mer }}$ Mr. Aevile, will show -" After a very critical examsI have heretofore seen economy of space, material, and money, With decent accommodation and convenience built roore cheaply than any pair I have devised or seen with similar accommodation." The teuants
expreased to me their most entire satisfaction with thelr lodging, as well as their belief that any labourer
would bo eager to be lodged hke them. With respect wo them asger to be lodged like them. With respect
 the cottage with tion bed-roomens and redt of $4 l .10 \mathrm{c}$. for the
one with three. This pives him on interest Her cent. on the whole expenditure incurred locality which would enable buzdong to bo carried there at a cheaper rate. I should add that all the rooms are cheerful, large, and airy. These facts demonstrate that a subatantial cottage can be raised for the labourer which shall provide amply for every want of comfort and decency, and at the same time yield a
satisfactory interest on his capital to the landlord; and I think you will agree with me in holding that the erection of such cottages, so good and so remunerative, is now transferred from the region of possibility to that of actual fact. If such an experience were generally imitated throughout England, a bright day will have
dawned for many of her agrinnlturaf labourers. It Worth while to point out that My. Frascr, the Commissioner, has deciared that if 30 per cent, of the cotteges will be sufficiently provided for. Mr. Nevile, it will Bonamy Price in the "Pall Ihall Gaxette", (Wint any competent critic explain Mr. Nevile's experience?]

## Calentiar of operationg.

December.- Wheat Sowing: It is better to sow Wheat in Deoember with a good season than in in fine open weather, with a tempting seed bed, Jarge breadths of Wheat are sown at this season south and north, in soms cases on a lea furrow, in others after Turnips, Cabbages, \&c. Hather more seed is ncoded than when sown earler. nad caro sloould he taken to
drill it in at tho proper depth with a roughish clod to drink in heavy continuous rains should they fall Clayey soils not sufficiently under-drained to drain cff the rain-water as fast as it falls, had better be ploughed up into narrow stetches, with deep open furrows "high and dry," just as Wheng is said to grow on the lazy beds of the Irish farmer in the moist climate of the sister country, where it rains "black, blue, and grey al wheat Fiellds and Aufumn Fallors.-Examine after every storm, and also cuery now and then in open Weather, as dirceted last month, to see if the surface and under-drannage are right. It is common to tulk of the thorouga advantage of clayey solls and wet-
bottomed gravelly land; but in a vast number of such oases more than half the rain-water may be seen at this geason flowing in the furrows during heary storms,
washing away the beart of the land, and doing an washing away the beart of the land, and doing an
immense harm in various ways. Thus furrows cut immense harm in various ways. Thus furrows cut sequently falls in after the first frost. In this example the furrows require to be cleaned out, and the rrater-
way between the ridges re-opened in ts In between the ridges re-opened in its proper place. In other cases the thow of water in the furrows gets into a main drain, Which it crosses, washing in soil, se.
The ingress of the water to the drain must be stopped the open water-furrows and ditches at the lower ends of the fields silt up, choke the main drains, and so on the unwelcome story of the season runs. The harm drained is grest, but that done to autuma farlowe manured for Manzel Wurzel, Potatos, \&o., is inowlculably greater when ramwater flows between the drills or ridges, as it dees in too many cesses towards the Iomer ends of fields, more espertally when the upper part of the fields. Additional drains should have been put mato tho lower ends of such fields, and into all places in them where the ranwater flows in the furrows, before the manure was applied in early the percolntion of and afterwards subsoiled to promote not a few instan of the rainwater to the drains. In done at this season-the subsoiling being effected be stean in the open furrows-between the ridges containing the manure.
anl hard bottoms that require ventiflation porgil plough on are ton soft by thas time, but there are exceptional them up to (hrmenas, tadind rans nay bo let moto let doun to the drams, kep ther subvoler going. This teanacious boe successfully by steam on soft, sour, owing to the trampling of their feet, which consolidates the loosened subroil, thereby cloaing the nemly opened water-way to the drains, Even where the riay has beconue too wet to rise in broken frarments, a mole-phounted implement may net effectually as drains it will open onster-way to them, and thus relieve the land of stagnant water within and flowing whter on the surface. It will even do more than this, or the ranwater draws in alr after it, so that oxida-
t:on- washing and chanking the nature of the soil-tan- waikny and chanking the nature of the soil-
takes place. Ou some wet-botomed sandy and yravelly fisls we have sen springs pipine up in the botomo hefore they furrow from 1 to 3 feet from the drasns
buled, but after subsolling the land was effectually dranod as deep as the subsont plough went, being clanyed to a rich fertile Turnip soil. Part two feald, a springe sandy clay, was subsoiled twice,
two seasin succession, the second operation beipg anculaty across the firct, and the second subsolling pald better than the firut. Both crossed the drains crel with a slight inclination down hill, so as to drain bone ways from the centro of the ridge halfway between two drains. In very bad cases we should recommend
Prood mare often endure enough hardships at this not worked as to those daily in hamess. What has been said above under farm horses, and something more, apply to the latter (thoso in harness), inasmuch a sustenance of the mare whate larty upon the daly weighs leavily in a two-fold manner upou hame nhysieal energies. How carefuly therefore should she attended to in the field, and on the road, as weil as in stable. Mares kept for breeding only generally suffer season, and also from an improper dietary. Lying and standing on their own dunghoper dietary. Lying and novels, thather than submit to this in badly ventilated hovels, they will stand in the open yard, with their tails to the weather, be it frosty or wet. Field prazing is eņally unsuited, and out of date. What they require
is proper fond in a well ventilated loose box, and gromping with in a werate exercise dauly.

## Totices to Correspondents.

Lacronurra: Aberverm. All you requifre in a wide tube, graduated downiwarde, and divided below zoro into 100
parts. Ful with milt up to zero, and in fiz hours time youe parts. Full with milt up to zero, and in six bours' time you
can read off the percentage of croam on the scale


Pref dacer

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Not and Unadultoratod seed


Few Catalogue of Duten Buibe, Plants, \&ec
 ROBFKT FIHKER hegs to anmounce that his NEW


DAB FORGY Chrysanthemume. in answer to



ORN KETYES New Geranlume.


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(h)

SATCRRAY, DFCEMBER 25, 1869.
Frast in 1841 the Gardeners' Chronicle was antableshed, and when in 1844 the Agricultural Truzetite whs alded to it, the objeot of the promoters was to secure to the Grardening and Agricultural wirld, as wall as to country theprictors and residents, a Journal which, If as for whom it was hitenilect, shound thom, ia a condonsed form, a mumary of the general events of the week. his tras in the days before Penny l'apers were Gexistence, at it time when tho gardonor, wardly procuro without much expenliture and inoonrenipace, intelligencos as to what was gong On in tho world. How much circumstances hare altored this state of things evory reader tan judge for himself. The Proprietors, ever maxious to cator for the advantage of their aubfecribrrs, have, therefore, determined, in conformity with the expressed wishes of a very large mumber of their friends, to discontinue the newapaper matter at the comraencement of the fruming year. By so doing the Editors of the more pace to questions of Grardening and Agricultural interest and at the same time to introduce certain modifications which
belueved will meet with the general approval of their remiders. Among the proposed changee, it may in mentioned that, by the adoption of an ontrely new and more logible type, the appearance of the Paper will be materally umproved; illustrations will be more freely supplied than has hitherto been the case; and many matters of general interest to country gentlemen, garHurticulture or Agriculture, which have hitherto been excluded for want of space, will be introducer. The Editors believe that they may assurthen that every effort will be mado by them not only to maintain the high charsoter of the Paper, but to increase ite ganeral intarcet and utility.
Tite controversy which has been going on in gueation whether Roor Foryation and root
action precodo Leaf Development and leal action, or vice rerad, reminds us forcibly of that farnous contest twixt eres and nose of whic Cowper sings. It seems to us that all the diso putants, as was the cace in that canse nillime have more or less right on their sud, and that it all could but be brought to tee the facts of the case in the same light, there would be little ronm for further difference of opimion is it is, we
have fact added to fact, argument piled on argument, the facta being supposen to be antagonistic the one to the other, and the arguments in like menner to be remprtwally destrucmid the din of the wo can understand, adduced are not necessarils antaronistic marahal them in aoother manner, and the apparent discrepancios disappear. For instance, these questions have bean asked-Do Tinee make roots withont the motion of leavea and branches? And, again-Do Vines make leavee and branchen without the ail of ronts, of of wid
 that in the roxt, or in ma, liswh hisputant some cases, at any mite, expressed his doubts as to the accitracy of his opponents fuets, without sufficiently considering the diferent couditions under which they were observed. For our
own parts, we should be disposed to unswer own parts, we should be disprosed to unswer
all the above-cited quentions in the affirmetre. Is this btuternent involvea a sneming paradox, we must enter into somo explanations.
In the first place we would deprecate the ider of speaking dogtatically or ar mhthotri. The present state of vegetable physiology 18 not yet sufficiently advanced to enable aven the best-informed
student or observer to assert his infolhbinty. In (Ecumenical Council of vegetable physialogista, we fear, would have no bettor clam to absolute accuracy. As within the limits of this arttcle at Would bo impossibla to refer at length in the facts on which our opinions are based, this caution seems the moro necersary. We may however, refer tho reader to the fucto as they stand recorded in our columas, and to those
which may bur frumd m any text-lonk. When wo rephed to thu atuove guations athorn, thaty We hookld haye ad led wrosumed that there be aut ayailable storo of nutrient organisnew growths, whether of leaf, shoots, or roots, may be made. Now in a living Vine
stem there is alwaya such in store. This store is woll furnshed or nearly enppty, ancording to serson, temperature, state of growth and other conditinns. (fiven a stem, a bud, a tuber, nay, eren in somo cases a leaf only, un which arr stored up suffient orgadimabe and forthwith now leaves, new shoots, now roots, one or all simultaneously, or one before, or one after th other, may be produced. In somo cases under certain condtions rout. will be formed; in other instances lerf action will predomınato: in a thisd set of cases buds and tubers will be dercolopnct. We had allustrations of the latter kind thi searon, whan many poople complained that their Potatos made no haulm, but prom duced small tubers in abuudance. Similar occurrences happen now and then in the case of
terrostrial Orchids, whare years may elapee without the production of leaf and flowers, but where year after year new tubers are formed beneath ground ready when conditions alter to start into leaf and amaze the observer by their abuadance Where previously there had been pone oeen for many years.

The real difficulty is to knows what are the precise conditions which determice root growth at one time, leaf growth at another. Sometimes these are obvious, but genemully they Vine with its roots in an outside border, and its well ripened wood (well garnered action decidedly predommate orar rome action, In such a case probahly toot actinn th demands made on the stnre-house bricome so or replenishing it. Many experimenty harn been made whith lines br pass ing thin stams being ontride. In all these cases the parta of the stem inside the house push leaves, while those portions outride remain quiescent. If the growth
of leaves and shoot in this case were dependent
absolutaly on the outsidn roots, would thore not be mame atternpt it least tor form leareseren the portions of the stem outsile the housen wa well as on those within: if course there comas a wme when the store is exhaukied, ar when it demand the influx if move water to make it soluble and aralable for growth, and then the ronts are callad mitu phay to furminh what se requileal. 'tar krowlodge is, unhappily, vary defertiw upon this amportant point -the partieular conlutine which favour rout growth or lonf prowth raspestively. Where a strino exiats, as we have sald, wro may have new leares, new ronts, or taw buls formod without, in tho firat instanco. aty sjrectal demand boing made on the exinting routa. What we Wraut to know more about is, as to the reusons Why sometimes roots are pmolucod, at other tumes lesvee, at other times buds. We havo some evidence on thoso points, but it is not enough. For inatance, there is a well-ancortained roles tion botwean the degren of monsture and the

 Th in of thorome thil the existation of drought. Theso arn mattors of cardina! moprortances in the qurduner fand former, and overy fact bearing on them in zmportant, and should be recorded. We cannot pursue the subject firther in thar article, but wermay lind occamon to revert to it in fiture. In the mearimas, to arnid possible misapprehensjuns, we munt not forget to state that, in order to ostabluhh und furmsh such a storn-house as wo hare abore alluded to, the co-operation of root and leaf 18 , of courra, absoIutely esenntial, the formation of the root no loss than its functional activity taking precedence of the leaf, as miked may bo reen in any perminating seed. Intsl the storc-house is made, and filled with avalable material, all now growtha, of whatever nature they may be, are dependent on the material absorbed ly the roots, iransmitted through the atem, and elaborated and rendered fit for their purjone they have to merye by pasemg through the leaves. In this ense, then, divided antion is useless, combrued action, as in the nose and pyeu question, all imprtant.
 kuown w, the ma or, if of the tantar, for julbin: : liey Tollsa Bome Fears ago the committere of botany of the lima Dubir spoiety, actigg on the advios of the dirpour of tho rardens, parcassed a jsrge iron shed, in waich were displayed portions of a collection of planta snd their products useful to man. This struture was froms the first quite unfit for preserving the valuable callection placen an it ; the speramens were nemessarily crowded together, and any arrankement was impossible Still, the large numbers that visited ihis room to study the contents of the eases, and oftertimes to take notes of the bintory of the suecimena, as told on their labels testified to the great and intell.gent interest that Was taken in the collection by the publir. The spectal function of the Sclence and Art Department appears to be to proride for the jmprovement of the people in science and art, and they placed on the
 sum of wow for bundiniz a muretam at the loctanices Gardens, close to the front antranse pate, through Which so many thousand viaitors pase in the course of esch year. This sum, mmall though it may appess, would bave been sufficient to have built and cased large plain buiding, which wonli have enntained ali the preegnt collection, and the additions to it, for many years; but though the money was roted by Parlis meat for several reara, it 5 ms mever applied to thi purpose and we think it but justime to the cause of sclence in Ireland, to call the attention of the Science and Art Department to this fact, and to urge coming yea
oming year.
——At a meeting of the Antinolean Nociety, Oxford, iniliL. In speaking of the optical properties of chlorophyil, he called particular atteution to the obsarrations made on this branch of the subject by Profecor Storems; observations whion had disproved the ald theory thet chlorophyil coald be beparated into two primars sub-
stanoes of Fellow blate colour (the xanthophyli
 the fact that Mr. B. L. Sarri's carefal comparison of the speatrim of the etcochrome of dwatoms sutancer to be chlorophyll wrat far th prove the two subatancer to be
dentical Chlorophyll asd been fimmerlysupmoed to be dentical Chlorophyilasion kipedom only: but more recentiy ayll if not jifentical with it, had heen
 Thes the nupposed gana bet wean the twn kuig inms were filled up.

 COTTAGI GARDENA, to be pnnted nn candy for dime of
at a cheap rate to the members of Cottage Gardening Societies. The amount of the prize offered, the date npon which it is to be awarded, and the names of the judges, will be announced at a future time. Mr. BateMAN suggested the desirabulity of having a similar kind Towns. How much interest is felt 14 this subject is Towns. How much interest is
manifasted by the large demand that still exiats for
that useful hittle book, "Paxton's Cottager's Calendar that useful little book,"
of Garden Operations."
has been sugested that, as the late Mr. Yritch was has been suggested that, as the late Mr. Vricch was one of the most active promoters and supporters of
horticultural exhibitions, both at home and abroad, the committees of the parious Horticultural Societies throughout the country should be invited to further the movement now in progress for perpetuating his mветогу.
INSECT-DESTROYTNG SOCIETY, is being started TNEECT-DESTROYING SocIETY, is being started in
New Jersey, with i view to the more succesful culNew Jersey, with a view to the more successful cul-
tivation of Apples, Pears, Peaches, fc. The object (says Scientific Opinion) is to adopt a plan which will
tend to clear ortharda of injurious msects of every kind.

## New Plants.

Godwinis, Seem. (gen. nov. Aroidearum). Spathm inferne convoluta, erecta, apicem versus fornicata,
aperta, peraistens. Spacix pericouanthus













This is the largest Aroid of which we have any know-
ledge. [Dr. Welwitsch tells us of one still larger which
he met with in Angola, and to which we may here-
after refer. EDs. It was discovered in January, 1869 ,

 that thos, or a plant very murll iske it, is formd in republics,
The root-stock with its whorl of ronts, trurned topsyturvy, much resemblew an old man's head, bald at the top in the two specimens dug up it was 2 fent 4 yehhes There are no roots whatever on the lower part of the corm, which is perfectly smonth and white ; all are placed in a whorl around the top, and between them many young corms, by which the specice propugates time, and after that has died off the flower spathe makes its appearance, both being of gigantio dimencions. The ficaragua is in leat ino s, apecimens macasured in inctes in circumferchee, conered with futnite spiny liromer tinas, and


 three primary ser toons, which are again repeatedly
aubdiviled, thie extrome divisions being ovate-
acuminate. The pedomelo acuminate. The pednncle is 8 foot long and sinche
in ciroumference mothed, and with minute ppiny
projections as the petiolo, and furnished towarols the
 , licery toxture, outsice of a dark biuishparts surrounding the spadix, whech are whitish-yellow. The spadix is only 9 inches long and slines across, and beam hermaphrodite flowers, the technieal description of which is given above.
Turing plant grows whth great rapidity-several inches pecular to many Aroider and other dark-coloured fowers. The plant has nothing to do with Amorphophallus and kindireds with which it akrees in babit; it, however, is closely aslied to Itracontium, both in habit genus in haviue tivice as many stamens as perigonal gegments, it thereiare convitutes 1 tien germis, whath

 science, and art, an I int, by 1 , wtive npport if amongst evea tie humbler classes that taste and love for 'planf. witheat which, after all, the race of

Additional details will be found in the "Journal of Botany," vol. vil., p. 278, where slso one of the speciChelsea (to whom the plant was consigned), exhibited Kens,nkton. This spectmen (leaf only) at tainod within had it not begua to sprout durmer its pasarge to binkhad it not begun to sprout durme its pasage to Enklid of the box in which it was planted, there can be no doubt that even this year it wauld have quite equalled
them. Mr. W. W. Saunders having pointed out the intereat attaching to the plant the Koyal Mortioultural Sooiety recorded its appreoistion of it by awarding to
this novelty an honorary distmetion, B. Seemann, in "Journal of Botany."

## FRENCH PLUMS.

The culture of the French Plum is chiefly confined to the department of Lot-et-Garonne, and to some
few portions of the adjacent departments. In 1811 the port of Bordesux alone exported $3,705,500$ franes (in 1861) the director of the custom yt Bordeaux stated that the quantity exported had increased to about $7,200,000$ francs worth. If to this quantity cannot be a total of less vaiue thall 15 millions of france This largely mereased quantity has not cauned any reduction in the price. In 180 ff the medium price was eatimatell at about 40 francs the 100 kilogrammes. "In 1824 their value inoreased, although the quantity proPlums was stitl 1864 the value of French the nuedium price for the last year's being of francs per kilogrammes.
There 14 no fruit tree more profitable to the culti facturiog cities, for whese living far away from manube disposed of, on account of the distance they have to be sent, the cont of transit, Co., French Plums are always salealle. The Plums begin to riperiabout the about the middle of September. Iany hundred women are occupied durng three or four months of the year in selecting Plums, and a grest number of coopers are employed in the manufacture of the casks and barrels which are to contan the fruat, in order to The trees earriage.
especially when planted on an incline trosens loam, placed in the vibeyards in ranks incline. They are 15. to 20 metres one from the other, leeving \& apsce of from 6 to 10 metres between each trea, and when from soil suits them it is not difficult to find shoots of rators 1,5 to 2 mètres in length the second Fear. Cultipay much attention themselves on the size of tueir fruit

 taderatool tant whon nes carta in bro isht the old in year, in winter, by men who gttend to this department only, as the methed pursued is very ditferent to that part sent out from the nurseries though man most urietors raise them themelver. it one time nur prumen did not graft l'lums, but were oontent to plant uckers, to let these grow in a nuraery for two years, to throw out stronk shoots about baok, to induoe them the fourth year they were sent out yards in length, and Don discovered that were sent out. In this why it was Plum, and that it was very seldom on
wholly of the true French I Jum, or Rohe ennsisted the remander were of very little value. Thas delective sy-tem is never nursued now, cuitivatora having disMavered that grafted trees proluce nuch tiner frint Many nuracryminellue for bochs the
if Plum,
Myraholan, as a atork not only for the fisend follum but for (irepnkayes, Aprient, and even . I innmels They are obtanined from sce 1 , or from cuttinge one of the make longe ahom of thas panis that the trees nover make lorng shrots, contrary tor tho habit of all other he done shout the last fortnivht in Neptromber, desirable that the Freneh Plam trees ghuuld have very long stems. They are too much diaturbed by the The production of Frenoh Plums has,
drawbacke, and their preparation has many difficulties,
in this occupation, audieven now many persons engased in this occupation, baku the Plums more than once in an oven. Tue oven is very sughtly heated at frst, and Several trass covered with the fruit are placed in it. drawn, the Plums are turned, the neat of the oven in increased, and the trayn are replaced in it. This operation is repeated four, five, and sometimes six tipes. It is easy to understand how costly and tedious auch a process is. The large proprietors powsess 10,12 , or But this ovens, attended by a large number of women. sool; it is reguisite, therefore, in order that the wapmety may bo mantained for a certan tume to hent warnth theh degree at lirut on that rave time hent them to a pawd in the nen they undergo a complete baking cong, de fime, which barden, the sinter shote baking Thente the putp fromb comming converted nito marmalade. Whe smatier pruits. tno, ire redueed to a atone covered of this is a arat, and rare wholly valueless. The result quently is the profits of their asle as and consequently in the profits of their sale as the fruits are
generally disposed of by the quintal ( 100 lb .). The
duction of stoves wherein the phome
steam first, little these stoves have beon dried in mand tion, ant tranaformed beon broughto ito it n The is placed in 1 tes fresh stato andion trant ${ }^{\text {Pr }}$ heat, manutamed by the action of of dise They require no turning. The jurean it
 a day, nud tise saving of fuel is enotion dimenstons of the ovea requred mill min
$2 \overline{5}$ centumetres. by 22). The anmen more space than an ordinary bapkingon in uiametor. Its construction in bris
will not cost more than 500 franes. To sum up, the advantagase of expense of labour and of fandy, on $n$ st of tirlog the mont value of the fruit. The stove dries myins. slx or eight ovens of the samo diantire They are better, and weigh hearien, for the "Revue Horticole"
zante eromemnotidus
corres pondents kindly inifrm me rhas en of Wellingtonia ought to be when fit bitid tree, or when they are fit for taling?
mens are this season produring conex baty time, though not fromi bering ia sthontan were planted 10 the , pring of $188 \%$, baym \% leet in height, and mesmure, withan big ground, from 2 feet 10 inches to 3 me girth. They are growing in a stron
which appears to sust them betier ighter descrintion sjecimens, but as avos, nollhor are gowably situated, the soil is, hamone, asurg. R. Bome The
nouse.-I hare 1 bunck It is enterod at one end from a doc ormerly it window. in front of the house
any way supported by the house. CinIn the expration of my
antirely for the purposes of trade sta removable at tenant's option. Will shy dif ita Growth and Sap Circulation. -The mex the unt Inates and bramehey oss the one hand, woil Hidened, like a good many other subjeds mom from its original bases uatil the whole fid and Pomona is land under contribution adduted in reference to the Fine in tha mis or of growth, as opentos up a field of numur fat extablished facts. These facto, in so firs is appear until atter leaves that sponge ben observers agree and others disigree plane in mund that I look upon natural oondition as to certain facts thio out the evolut.on of buds, appear in a variety of shows the admirable provinion of Jatare in
dating plents with tha power to reprodat IBecause a twin uf a Wijlo
macht bo called idyarso

## constdered a olongation

 twik to a Ribes cutting, show action takes precedence of leal for no physumbogist in searching after s mo of the sap, would accent as safe ond mark, and all such iljustrations the solution of the main question wh testimony to the utte formation without som l look upon all such as eath cupable of being explined rmay, as in the bulbsand media, for tho roots in the one insta Farmoth acoompasied by moisture, inskance, the sap is propelled w.ti nskance, the sap is propelted way other

- as shown by Hale's and naato
oxperiments that it is not satonishas re priority of spongelen
ajertine that the ascending sap is manuflactured
and hat the ascending sap is manufactured
d the descending says into spongoles
len was that the elaborated rap did all that the elaborated map did nil
mean that it did nothne else
nolownards The orga-
 $=$ $\pm$
 $\pi=5=$
 iste more fram the ront up wards, and 13ut what about its after difh inave been dounde, from the various expeh inave been made, that it descends in the throukh the cellular gystem of the stem,



 lution upwarls, laterally, or downwards arcording ibe pumbingity of it, but is that its normal he Juanblity of it, but is that its normal further saje the eurrent of sap will be

 on braneh wrowthis at rost. The Fines lalludend

 ${ }^{\rightarrow}{ }^{6}$ (tol) from rain by tarred boarls, and khow
 tha ruts in a in-feet inande border were introed at the thin theer ontaide fellows were crippled,
enft new life. Vevertheless, here is sin inportant
 ac. an l than proteplasmer layers in the rells indurated It ir mirkier nupacted Rogether by the attraction lhes not this froner the wlea of a
lif ifs in a greater state of wivit, ax the roots, Any tha an aseculimh, as i. ith the caves? Any examples that I have
nder or alar demonstration of the roots of hardy in the deud of winter do not, it must be
fonlir the same license of construction. I have
aily seenn young rootlets appear, but not at the ts of the young rootlets appear. but not at the Ind I larined upon the $r$ appearance more a
it of things. In the case of transplanliue Mr. Fish calls of the faculty of selfy buahervation I beMr. Fish calla the faculty of self-premervation
means of induoing newt roots without cor-
clnnigation of tops; but it is just question2 - lnngation of tops: but it 18 just question-
her hew rocts would have been generaterl if it plants had remained in their yrosing
is very difereut, however, with evergreen I have seen over and over agan whin
with Alucubas, and with Rhododendron rir roots are muck more minute. The excrulso a mutual influence downwards
on every bhink of heat in an autamn or Fiven plants such as fithent and other par mieq, and such plants as have large
ds to reciprocate a more active continuity e joung rootlets in abundance even in One other fact I have to show that the descending systern is in a
tate of artivity than the ascending system in let any one cut through large roots of altnost
itree in a good state of health, and $t$ will
nleei, but to such a degree as is sometimes
tr This is a we.l knows fart narticularly
 Pocorder by Mr. Spencer, of Bowood, who observed it
danne March and Apsil, butt any one may seo it in
tutumn and winter, aithough oot to the anme extent.




## sambacar raceinosa.-It

nothing like it had been enen in that neighbourhond
The situation was, perbaps, as faveramble as oould be The situationt was, perbaps, as cavesurahle as oould be thas h chly ninamental tirub requirs a lyon summer,



 rigitly what Mr. F'ena fild me mone Jears ano, whe
planted by one of the Jequins, and boga to fruis
after Endioner after Endlioker, when he
Con.ferarum,
 the exes (f forget wheth from laly To what sex
do the generality of trees in thin ocuntry belonk? I am nure Dr. Pensl would be only too alad to supply English kardeners
Cyclamon hoderifoliam Far. grooum, - I Bend flowers of Cyclamen hedorifoliums var. RTHoum-

 flewere, these of the grduary rmely groms up after them The lenes are vars varmus its shatm, and tinue very' fonk is bilumin My orchurd trume has been very gay with them for searly three suontha, and at the dulf senson any flosers are an asquistion, lhey are quite hardy, and sull in blowm in the mpen borders,
 alake in flowars and foliage Fiw,
Potting Zulume - I lirmily bilieve that these may bo February subess at any fme troms sosember thit lanelfolsum whath great sucurso I peitlewt thenu about the end of damuary or in the rarly part of F'uhriary Much dopenda upon how the luitbs aro kopt throukb the winter; if in a warm place thay require abrier potinia, baing casty axaited. Whey heno placod in a cold gihed: If hard frust set in 1 proteeled thom by hacink
 six or elight in a 12 -inch pot. From others I showik
most of the soul off, hat lefi the batha in a masa, hoth lul equally well. and were admurel by esery peramin The Heliotrope and Luoulia.-Much as I sdmire the

 ago. I tore up a Helotrope plant that had boons
planted on the baok wall of a conservitory here. In its plice I planted two plants from the outtian-pot of Luculia gratissima elose topether. My object in keeping the strongest nlant; but they krew a way ro rapidly that it was difficult th aay wheth wan thm Hantes sim covered a beck whll 80 feot long by 8 foet in beight, and then took to the ralters, seven of aprawling about in a smali half areular dome I romm could have been given, the flanta conld We have now riven them thre more rafters by removing other plants. The planis commeneed to hloom in ()etater, and will last to the end of fobruary
 them messarius - inches gerons This on ulyht wheh no weedy Hehotrope can ho com The perfume, lon, blowming coaservatory plant I know erown in a eold house-equal to that of many of the (rchids. The foliage, in a healthy state, is very fine through the summer months, and ir quite an ornament in an ust as Vines are pruned, without a leaf It breaka into caf in a very short tume, and the ahoots are thinaned onfo ne three times during summ to develop themsolves. The Inoulin is
 your ware, I showit like to arrise at the beat thodse of
try
treating them, and I therefore suggent that your correapondents should explain the summer treasment of
thoir $\bar{V}$ ines, in regard to pinohing the shoota, ppecifying how much soliaze is left, and the mode of tratning














 Grapes - la thr a laial in of $1, r_{\text {alf }}$ we bive oare




 may here be illuatrated, for bowen, excolleat the Muscuta may be thought by some, whars sily that the Muasit ba pood for a buyne bowehc, but the rery



 bleall seemis an miatimeced fromarthes, and when it
 peopplexlyly say, in if the fox had beeen that way, it is a (irape that, one dowe not kom tire of caung it is,
unfortunately, not bis anough to make a nhow in our

 as lngue nad BA casty to krow ax the Hamburuh, thoy Would confer a buin on tho world of firajn eatera. The





 my intentimith riviow ald the (irapes krowit in our

 who, conployisu tho A merican itrawterry (oratie as the narent of one both and the R"yat Musemulige on the other, has egecured as rrum that comblanimits itaelf the qualities of both perente, and, what in of inare muport-
 perfectly healthy treo wazan old, an lawhily exhausted
 here and in the viperstes of Burope. The Gitpat et or rather yellow. Those sourmands who seek after novelty will, in titsting this irrayse, find a new pleasure;
t lizs something of the stranherry arotns of its
 las : bituncos of tap firame pats, whech il was rased. Mr l'earaon has hap, ly ealoni it after the great man of the day Moncient fir Leskpp, who has untied twn ungs, jnst ot Mr P'earam han bronidit torether two

English-made Clochers. - One Paris cos Lettuce, grown under the Frebeh cioche surk as cian be purchased enrly ra the chason in Covent cardob mat. Thee nearly enoukth to illl a poom sizal Nalich blat ought to an br supplied from alt, te them in a kimilar raseustidy an atiempl hecalo to try the cuitivation of some ner at home. I intend to try the cantivition of some of our beat varieties of (of tha lapgeat siza al 2 modarto Workn, Yorknhure, for that purpose. I shall kive them fair trial, and 1 hope in inn time to furnish you with report of ny success of fallurs. I grew some of the Grand Admiral ('ahbage Lettuce, under ordinary bellvery maoh. I believe that griwing them in a confined atmotphere cinse to the elaws, with 1 tents of latht, is

 Whether they have beell raore fortunate in obtaining a crop than I have been. Wed for apawaing, counpoeed
 dung and turfy losm. Tho bod whe spawned hathe
 (ithe was 1 knen that the lamprerature nf the had din not





 s iles from Cauterbury, on a dry soil, ats moderste +100 on the chalk domns, where it grew to ba a informed that it diod many inquiries, I keve 2.minn wix mix
composed of flaky straw and dust. Had it come to hand in a fresher condition, I believe that it would have "run" as quickly as our English spawn, The often adopted in this country by some of our most sucoessful Mushroom erowers, by making a small bed in a corner of the Mushroom-houss, and by braking inserting them thickly in the bed, or mixing them pro miscuously with the droppings when the temperature is not too hot. The mass shortly becomes a beap of
 chame for twelve months a number of siekly Camellias about 3 feet high, which drop their buds as they are about to expand. They have never been too dry since I have had them. Water was applied at a temperature of $60^{\circ}$ during last winter, with a litlle weak manurewater in the ppring, but there was no apoaarance of any improvement. I am now getting some fresh compost into the yard, not having had any before which was suitable for repotting, indeed they did not appear to be in want of it. Can you or suy of your corre-
gpondents recommend any system of cuilture that would render such plants azain worth growing? They when they are placed outside until the end of September. A. $B_{n}$, Strath Tay. [We sent your letter to Mr. Pearson or Chilwell, an able oultivator "IC I had a lot of Camelias in the state deseribed by your correspondent, I would get some nice turf from a good pasture, cut as thin as if it were 12tended to be by chopping it in pieces as small as nuts with a spade, and use it without any admixture, and quite freshunless it were from a clay or strong loam. In this case the ohopped turf should be shook in a riddle to get rid of some of the soil, and the grass and grass roots mixed with as muoh fine white sand as will make it a sandy turf. I would then at onoe shake each, plant free knife any that were dead, and repot them in the fresh turf, in ulean pots, no larger in size than healliy plants will require stimulating to thake fresh roots, they should be kept in a warm greenhouse, not a stove, and be moistened every day with a syringe till they have made fresh. roots and shoots; after which they ought to be kept in a cool house always, and never recoive more heat than is necessary to prevent their
roots being frozen. Of all the plants grown in our houses, none are so miserably managed as Camellias. Where, in the neighbourbood of London, can a collection of well grown plants be seen? A plant as hardy as a Laurel, or nearily so, is forced to death at temperature at another. It is generally potted in a mixture of lomem and pest-one an acid soil, the other an alksline one, which must in time produce a sour mixture. Porced in espring, dry or deluged by rain, as it may happen, in sumuer, exposed to the heary
dews and rains of zutumn, and thea treated to the dry wonder the poor plants look miserable? P'ot in sandy fresh turf never kive heat more than is requized to the year, and if not possible, have a roof of some kind over them to preserve them from heavy rains. When they require poting, let it be done jmmediately they are out of bloom. When they require watering, be sure that every partucle of soil 1 s soaked. Keep the foliage as clean as a well washed face, and you will have no trouble to keep Camellias from dropping their Cuds. J. B. Pearson.
Cutting Down strewberries.-In September lagt, I Wrote to you about the practice of ano oid market kardener, in my neighbourhood, on the heights above
Boulogne-sur-3fer, which was to walk into his Straw-Boulogne-sur--2ier, Which was to walk into his Straw.
berry beds, and with a seythe remorselessiy mow off the leaves of his plants; that he then threw this haulm over the plants so treated until they begmon to push, When he uncovered them, and that he was always remarded with g good crop. I knew that my old demned this ors contraty to Nature, and in the
 Igaorance bing emong the number, if I remenber
rithtand said the practice must have been used in
driping
 have always had abundant crops of Strawberries ;and sa plant would have Jess to support. No, I will tell the What the secret is-people cut their plants too late, and you will in later than the second week 10 lugust, and you will fin that my plan will succeed. Here is later, and royez rous'") Who cut his a few weeks poor plants in October looked wretched enough, while lord is trying in a little garden the two method landlight, as contrasted with mioles the two methods: very mer it will be proved which plan is best, and if practice may not beat precept. Querasf, Bonlogne-aur- Afer
a Vine of the current ceare a welr-ripened branch of and put it in a temperature of $40^{\circ}$, it will 5 in coll its roots. This put forth leaves, before it emits any roats. This , bows that, under the influence of heat, roots: but how long it carn continue to progress Without suah antance is a problem not so easily
colved. If, whem pruning the Vine, you take leading
shoot that has been allowed to extend jtself during the summer, and then fasten the base of it in two or three coils, then pot it, and plunge it in a bed of fermenting
materials in the open air, it will enit roots without any corresponding action in the part of the branch exposed. This shows that the Vine is capable of Taking the lattor oiroumstanoe into consideration, I thought it would be good policy to apply whole of the winter montis ; but the only trial I ever saw did not bear out the opinion formed. We had a range of three vineries; the centre one of the three was pruned in November, and a bed of fermenting
materials was put on the border, the house being kept materials was put on the border, the house bejng kept
cold for some time. When staried the Wines did well. The canes in the adjacent house were pruned about a month later, with the exception of the one nearest the
centre house; this bled so much (no doubt from part centre house; this bied so much (no doubt ram part
of its roots exterding into the other border) that breaking Noblige speculating on my theory, this Vine should have grown better than the others,
but I confess $\mathbf{l}$ could see no difference in them : th1s in the same house. No doubt the loss of sap helped to weaken it, as it was some time before we could succeed in stopping it Another item against it was having to swell so many buds, No doubt if it had been pruned
sooner, the sap being forced through its length would sooner, the sap being forced through its length would contribute something to its strength if concentrated in
one bud, instead of being divided between at least a dozen. $G$. $B$.
Potato Grafting.-At p. 1281 Mr . Bennett states, that to ralse true hybrids by this method, much more to change the colour of the tuber, 18 , he believes, impossible. Has he ever triod the experiment with a
 or himself the failacy of his own cons he will prove October I had dug up 14 grafted roots part were Paterson's Blue grafted in the Rexent, and the others the Regent krafted in Paterson's Blue, sumply to test the influence of stock on scion, and I found, on examination, at the one and same root tubers, some white, some purple, and others varying in colour between the two i. e, of rarious ehades from purple to white. In do not Fish to onter into any disoussion on the subjeot, as my time is too fully occupied; but what I state is a simple fact, and I feel convinced tbat Mr. Bernett can never
have successfully tested the experiment himeelf. $T, C$ asve successfully tested the experiment himself. T. C
Will our correspondent favour us with his name Eds.]

## Foreign Correspondence.

[The subjoined extracts from a letter received in the early part of the month from our valued correspondent, M. Nsudin, tell the game tale of drought in the Mediterranean district as alluded to in the com-
munications of Mr. Manbury and others from Men-
From Pars in Touinuse nothang l,ut rain-sol saturated. At Castelnaudary, where the culture of the
 itite nearer to the Mediterranesm, the sky was cloudlees and the drought frikthtrul, the streams were dried up, the wheels sent up clouds of dust. Eversthng in but he was burnt by the sun ; nothing remained the shrubs had thelr branches shrivolled and dead. Sparlium junceum was the only shrub which had resisted thas torridity. It grows on the borders of fields, and was as green as if $1 t$ had been watered alt Narbonme Mont Medilerramean region bas been subjected to a drought, the like of which has not been seen for the last is years. At Coilnnure (Eastern Pyrenees) not a oming to the proximaty to the sea and to the mountains, the drought was less injurious than
it had been further to the north, the nightly dews compensating to some extent for the want of rain.
 anigustifolia, Rhamnus Alaternus, and an Opuntia
(O. inermis?) which is naturalised, and grows every-
 the ground. This Opuntis yields an abundance of
fruit of the size of a medium-aized Fig, of a deap purple-coloured juice. Althourh abuadanoe of bright height of 8 feet, and forms large tufts, it cannot be concunded with O, ficus indica, which is arborescent, and to these three plants, I may add the Arare americion ad some Aloes as also mayd the Agave americans, throughout this farrible season, I consider the Phillyrea and the Alateraus as valuable shrabs for maring hedgee in southern Europe.
On my way back to Paris I stopped at Bordeaux M. Duri M. Durieur I do not hesitate to say that this is the most interesting parden that exists in France, cially in the variety and begats space, and especontains. Among these latter may be mentioned several fice spectmens of Chammrojn Fortumes in flower seeds. This beautiful Palm is much sppreciated here and before 10 jears are over it will be counted by housands in the southern gardoas. The hotter the I gate the quicker is ite growth. Thus at Perpignan already produced an abundance of fowers.

I may add in conclusion that the ache Gris at Collioure has been when purpose even to Malaga. Charter Anombla

## Societies.

## Roval HobTiclitural, Dem

 Dis hass of the meeting being ond and G. F. Wilson, Esqards of theo of theThe the speries of Abies alluded stated, under the provisional name of at the had ascertained that Mr Sthe $K$ A. A. eaved form of A Ping. He Tegude sterile tree, the blunt leares being m observed 10 other Conifers, as lerke form of which had been called Cratacgusand allied renern ladtons of for distribution among the Fellon directed to some specimens of Haize a full report upon which will be gran Journal. The best variety was that ho Dr. Dancer, which was the same at remarked that none of the trials mador, zreen cobs bad been successful. Wher Lawn Mower, which had been senty trial by the Editors of the Gardena' 6 from Wi have mot with grest apphe the prize alluded to at p. 1330 , wran the o the Clasirman and Mr. Bateman made ot Mr. Bateman also alluded to spociment Cocoa-nut, Lodolcea secheilarum Belsize Presented to the sooiety by yp drawings of various tropical fruits gem A fow remarks were then made apa ncludine the beautiful white varaty of named Dawsoni, and a supposed nem po oycnif, proposed to bo named after Profe bach. Attention was also called to thenertid Notice was given that the meetoge in year would be held on
Tuesdays, as heretofore.

## Scientific Committee.- IT W. W. Wh

 leaf of Aerides "Fox-brush" with a peanlivi daternog from any lue had previonsig sea Mr. Laxton sent specmens of pas varied eharaoter. the result of a singar Grases, from I)r R. Spruce, from whin t are extracts, was communicated through The paper had reference to the arand while in the bud and will be published po the Journal of the Society.


 hat mag also have atide-i,
bales Grakty are flern







 chara teis, vary much as other plantry do, is plain from the miltut i le of oreculating forma (in such genera na Eragmstin,

 (r 194 marriagen however brotight abourt
If the flowers of (xt wsta)

To mincll le the reare I punder cwer existing evilence, the eazea practically separated, pad that natural ealection jermabent, so thit the lypulbasian of miato, that the prote

Mr. Sannders alluded to the circumatence that the doud bodies of a species of h y michit occasionally he tound imprisoned in the flowers of Iolium perenne, as If the pilint expried some polsonous unfuence on the
insect.- Ilr A. W. Benmett stated, asaresult of bisobser Fatinns, that it is jmpnssible to predicate of any given In the whether ite members are celf or cross-ferthlised. others salfefertilised. Many winter-fowering plent are sell-fertilised, and amonest them the common Por anoua - Mr. Iforne stated that in Insia diferent rarieties of Jauze remain conslant, even though arown in odjacent fieldf, so that it would

A conversation then ensuled as to the hent methen of anducting in future the metenolog.eal oherratum-
 such a magner asganse the system of cineriatiou if Chithout impairims the value of the record sept at Pround temperature be at ated the at at a depth of 2j) feet, the ground was coldest in Juiy, and warmest in January
ExTit Commalttee.-
The prise of fisua rt Apry attrictice


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 walk in Mr. W. Vauis tursery at Waltham C'romFalk which retehen from the masn road bs the abot Fintern Rainay-lf r land annually pinnta out the Bexvysim $x=12=$

 ko thesr fapacotins ure fut to the fultent teat. lonoking arer these at the end of Soptember, ote cauld form a 1 refty rorem 1 cutimite of ther effathemesa and an! mon rich thamos of alour thes presented at even Lhat lale pertor of lice sasont
Comment tha' with tde frets varielies sent out in the
 brait misirli, It of excallent shape and elibistance,
 Claite Imrraine, brusht purt lish rose, a very fine and dosinet hme of collur, the foltrige plightly ponate, a


 goned. Faubia pur, lioh rose, a wery yleasing bue of
colnur, somethinz in the way if lor lioge, but the



 Nitan, homers
 the following could not fall to chalfonge stfontion:Aurore, pale ealmon, dashed with cermine mund White eye; habit gaod; leaves darkly zonate. Chie luse, in the way of St. frinarge, brit with more breadth of fetal, finc crimi 1 it trisecs, and dark foliage: a noceR3y Earely Tame, alsm a nospaty, flobers ofanceaden deal heat on (tranze Dose gay, raty fron of bloom prolidn ng gemiltussas. leavesplin lilac Rival, a very gon 1 novigy vir ets, flowere brasht jlar, with a wutte

 andeflertive hide of michr. Ahantrusce, which are some-

 fowpra forminz a sary lez itifa! g.ow of molour, a fine


 fower: , with dash of fiefy oranpe-s narlet round the eye rery pleasinz: gron petal and substance a nomegay



PFRT ter of all thedding glants, the Ferbena not eren excepted, that usefu! rlase, BEDDING PeLsEGONICMA has been mast monsilerably augmented during tlie past few rears From nil parts of the I nited King.dom

 been, and whst in, as in many other things, is only an esrnest of something better to follow; and so the law of pronress in matters floriculfars! becomes fulfillen year by year.
nerbapo better of Cliveden-than whom no man har ancen to speak in praize of bedding Pelarmoniums-once wrote well and truihfulig, tha
If Donald Eifaton had mever, in the courae of ht ansy life, raice ? any other Gepannmins parent ('ybister to L.m for themalore " But he dal more than that. sending bed ting lealarpon ums. si frois and nest in
 rultarti houstifit ward Thy Testini from thes
 planta, blentmed antl wahiosibe l, lazapil into the hands of Mr Wh luam Panl. Waitham Crosa, and from these Mr Panl sploctesl the frsi hat, h of tarictipe keason of uptrartion, thoush now anl for enme fime

## 

the slight spaces caused by the removal of the dead ones.

One of Mr. Paul's new. golden-edged variegated zonals, Plutarch, was growing out-of-doors, and it deserves to be recorded as one of the most promising of the new kinds as a bedder-after all, the best test o their usefulness. Having a lively zone shaded with dark bronze, a broad golden leaf edge, excellent habit and freedom of yrowth, it possesses all the requisites of an eflective bedder, conjoined to robust habit.
It is not too much to say that we are very much indebted to Donald Beaton in the first instance, and to Mr. William Paul at a later period, for those pleasant
shades of blue and violet now so frequent in our bedshades of blue and violet now so frequent in our bed-
ding Pelargoniums. All fowers having an admixture ding Pelargoniums. All fowers having asy admixture
of these tinta have a charming freshoess and sortoess and they serve to tone down the ruddy and almosit unpleasant glare of the self scarlot and crimson flowers Shades of blue are badly wanted in the flower marden and these Pelargoniums are doing much to supply it and as year by year these hues become more intensifie sud apparent, shy a really blue p pelar yonium is ? thing in all probabulity not so viry remute after al as far off as erer. Mr. 1'aul has some seedlings of this year's flowering that have fine tints of blue about them: and there is no doubt but that, during the past season, a creat and most decided advance has been made in the direotion of novelty among the bedding Pelargoniums. The great things to which we have so well attsined ar surely only prophetio of greater things and Magenta (Queen, which were bred from Amy $\Pi$ Ioga, this last being one of Beaton's secdlings. To get the purple and blue tints of a more decided and solid tone Mr. Paul has been crossing between Amy Hokg and
Blue Bell, as well as from some fine seedings not yet Bent out
During the past summer I frequently met with a blue tinted zonal variety, named Celestial, which was one of the most effective things I ever saw in the way of a pot plant. It las the reputation of being a hybrid nosegay, though it is difficult to define that term now-a-days. The top petals were rosy lake, the lower
petals crimson, with a strong dash of purple; aJded to petais crimson, with a strong dass of purple; added to this and Clio, a really fine rosy purple varuety, also
came from Waltham Cross. To these I should add came from Waltham Cross. To these I should add as both having the blue tint to some extent ; and then there is a splendid quartette that sill not disapposat, and, it is equally certain, cannot fail to please. R. D.

## Obituary.

We learn. with great regret, that Mr. Willias Barares, of Camberwell, so well known as a first-class plant-grower, died from an attak of bronchitis early on the morning of the 28d inst, in the 61st year o his gge.

## Miscellaneous.

Nicaraguar Trgetation.-Wo frequently perco:ved a most oflemsivo, carrion-liko smell, which at first was thought to come from some dead animal matter, but Was speedily traced to the flowers of a muddle-sized
tree, in habit not unlike the Caoutchourc Castiloa
elastica Cerv.). This tree our men called 4 ? elastica, Cerv.). This tree our men called "Palanca,"
its Food beiog used, amongst other thingy, for lever or palancas. The leaves wero obiong and velvety, and from the growsiog braches developed fowers not unlike, in shape and size, those of Tulips. The most romarkable thing was that these flowers on first opeaing were quite green, and free from smell, but they aradually chanked into a dark purple, almost black,
atnd then emitred a most powerful smoll, quite as, rather more disagreeable. than that of some Stanelias Arsatolochiay, and irguler, ard, in a less degree the frust of St. 'Johu's Ilread. 'It is strange that this accompany a dark brown or dark blue coloury e would be worth while to endeavour to ascertain the chemimal principle bere at work. At the base of cacl
of the six petale, the I'alanca has a cland, and I fanciel
 genus of Aonacese, distinguashe 1 by having the largest
known petals of the Aatural ()rder to which it be Afterwards I met with it in abundance bet ween Lemn
 ever, that my travelling companions, who adterwarde
sam me busy myself this correctly-formed and the plant, Would not adopt "nsisted upoa dubb.ng it "Shakodora." Dr. Aeemran"s
Duttings in Nictarajuz."

## Garden Sperations.

(For the enswing week.)
PLANT HOL'sEs.
Hyacinths are now extensively cultivated in glasses for window and indoor decoration, and are nften mrivee; hence no excuse is necessary for introducind the subject here. Soft water shouli alway a be r1ed, both whon the bulbs are first placed in the glanea, an, d charcoal, esperially animal is reprompl, or thone-biack, an quantity. The buse of the water, if used that it will only just touch the water. Fe so placed month or five weeks after having been so treated they should be lept in a dark col place, when roots will
form reudity lamediately these have made a fer
inches in growth the plants may be gradually inured to bear exposure to the full light. As they grow, the reat importanco that the leaves bo kept as clean and reat importanco that the leaves be kept as ciesn and
free from dust as posible, by the frequent use of $a$ soft fomenge and clear tephd water. Hocareful not to afford any more fire-heat than is absolutely necessary
to Heath houses. It is far better practice to let the to Heath houses. It is far better practice to let the
temperature fall to a minimutu of $31^{\circ}$ or 3. . $^{\prime}$ than to temperature fall to a minimutu of $31^{\circ}$ or 3 . than to not let any Orchidaceous plants become too dry at the root, as they are sometimes apt to be at this season. I refer more direotly to such Onciliums as FORCING HOUSES.
In continuation of previous remarks concerning ermenting materials on outdoor Vine-borders, would here add that, as the heat is quite as likely to exceed the desirable mean during the fuctuating weather through which we are now passing as it is
to fall below it the themometer s.lould be oftell examoned; and brould there happen to be a mild
pertod, and the heat is courculate increare, hite borders should be at once attended to,
Neglectiog this for even six or eight hours may do an irretrievable amount of mischief. I am no advocate for any large amount of root warmeth, as I have frequently urged the use of mode. ration in this respect. Rather than err upon the stide of an excess of heat, with ats debilitating influences elements are so exceedingly fisctuative external have been of late. These cautions wil! require even more attention as the Fines adrance to the fruiting period, when no relaxation therefrom can lets be creeping nearer day by day to young rootwarmth above, but so in like manner will the requirements of the ines themselses increase; heace the greater need of euforcing the abose suggestion:, In the temperature in houses containng those whath are intended for early fruiters To nosure an increaso of temperature to the roots, the necessary addition of
renovation of the lieating materials should be attended to prolimuary to sarch an inerease, as this caunnt be afforded with the same factlty as top-heat. Feep moderately warm; in fact increase with the most from -, gradation up to $60^{\circ}$ only, allowine an increase of from ${ }^{-3}$ to 8 by the aid of sun-heat. These remarks in regard to proceoding slowly at first must also be reiterated in connection with Strawherry forcang. No
great amount of heat should by any weans be permitted until such time as the flomer-stalks protrude beyovd the scaly crowns, when both heat and humidity should beafforded in plenty until such timeas the flowers
 handful of salt has boen proviously placed. Much will depend on the porition whril the beds occupy as to the quantity of water they require. It is usual when them a good soaking once or trice a week, to give them to crop more frecly for a time, atd then to renew them oftener than those wheb are treated to a cooter and moro moderate tempernture,

## Hardy froit garden

Those who are troubled to any preat extent with the Gouseluery Caterpillar should, during the winter Gonts, remove all the surface soll surrounding and bury it at a iepth of from 1 to ${ }^{3}$ feat this, thourth a vers simple remeit, is neverthelecs an effective one, as it grevents the increase of the insects. Apricuts may now be prubed and nated, in view of flumus shonts may be removed near their berfilling in all vacannies withoved near their base,

 nther kinds orimucce fruit better on the young mood of muxt, of course, influeace the operator in therations

HARDT FLOWER BAP
Aurienlar still require every ray of light, and every
breath of air whioh can be afforded them; they wifl now yoed but little water, and should be kept as free or Slandard lreeps of poxable.
pruning, may now lase the onpration performed at an favourable noment. I would arvin drass attention t the planting of Roses, as the souner that operation $i$ rerformed the more likely wall they be to eive a fair
supply of blooms in the en*iang aummer. Imer remark that those Roses which are taken up or trans planted at this time, should not be pruned yot. Late pruning will in their case stat them better, besause When pruned late the buds, not being so prominent do not "break" and prow so quickly, and thas the roots gan more time to establist themelver. I bope sorts of shrubs to choose tors pitantin. What are desirable

## Make another KITCHEN GAROF

durige favourable sowing of Broal Berns arad Peas tonnor arourable weatuer, in suitable somband situs lamps in the omen seuld be in thecte 1 at this time to the these ronssist of Potatos, Citrots, or Beet-rool, more especiaily such as were rovered over with straw before
showers of late, and so densely himid ancex that the noteriata whis, an the caso of exclusively to protect the contents that maty ferment through haviog become rom instances where it is necessary frome the the garden, to rely upon the sarm fields
winter Turnips, it will he winter Turnips, it will he well tolds for
topether and to clamp then in a
other crops other crops. Do pot, honever, when prom
for keeping, cut the top off ton meer ibjure the roots at all, otherwise near toly long or so well. For the rest, with the end year fetch up all arrears, that a good stani wish all who read my simple sugzestion? week, a prosperous voyage. $\bar{W}$. $E$.

Tire bells an
bo laid birl and rounding town gardens ben suT ou much faster than in the the drying Wreat anount of drainage in the neme reat the borders are sufficiently a dressing of men off a portions of the top soll and spread to oreat where it will do rood service. Where it will do good service. Then, if tida
free from plants, let the ground beda it manner:-Take out a trench mhera il the work is to terminate, deep, and latempere the work is to terminate, then marly orimity
trench, tho same width, and turn it oult thel depth, reversing tho pasition of ench sut ond que Way before surface may now be buried, कod te
This should be left as rough as possib) and by the action of frost it sfill becomes pulverised. It should then bo levelled don so good dressing of rotten dung forked in, whar be found that many nlants will do mell in tont have scarcely existed before. It whil be suifin ighitiy fork over the ground in the shrabbern? now be nat fres appearabce. The Manure kn! stceks and stones, preparatory to tis being fation borders. J. D.




Notices to Correspondents.

Eltasm

## Eatome Selected stockin of Farm goeds

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jords wide, is. GQ veryaritrul.


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'THE GENRRAL MAND DRAINAGE and


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 THE LANDS IMPROVEMENT COMPANY.-





 The Company sdranee mozef, unltrolted in arronat, for all fur ponem of Agriloultural Improvement, Incladifis the oreokor of Cuot thgot and Farm Buydinge, to the Uwnars of sithod
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 The Compotition in limited to Temno
Farmers and tho VAST DAY of ENTA
in SATUDAY, Fobrout Parthor perthenlars avi Tormal
Entry ingy bo obtul ined on applligetion if M JENKINS, Secrotars

## Cht agricultutal Gatette <br> SATORDAY, DECCEMBER 25, 1869.

OUR columns continue to give evidence of the ncreasing power, in every way, possessed b agricultural societius. There is nothing year just past to make one think that Finglash agriculturists are not growing, liko ither national interests, in mfluence and poreer. The National Society, teaching by great shows and publications, has ovidently accomplished a gove year's work in 1869. Chambers of Agricul tare, 'an almost new organisation, are doing their work of thoroughly directing agricultural discussion to subjects of public and political importance; and, with tho older form of Farmers Cluht, to which their compmet tion has done no kind of harm, they aro nlan usefuily engaged in discussing practical and of land occapation hinges.

What can be more atisfactory in all there particulars than the history of agricultural societies during the past fer week a" The Roya English Agricultural Suciety, wath its warning publication of manure and lood analyess; and the Smithfield and Midand Countres A gricultural Societiee, almost equally natinnal in th it influence, with their great annal shows, are satisfactorily performing their respective duties. The Scottish Chamber of Agriculture, in a most servicesble interview with the law officera of the Orown, have urged, with temperate end well congivered argoments, the ovils connected with the Game Laws. The Cirencester Chamber of Agriculture have summed up a most phefful year With a capital after-dinner general diecuasion And Mr. Mromi has been atirimg ip an liastern Aounties' andience with one of bis dashing and discarsive agricultural discourser on thing in general and farm capital in particula then the Cirencester and the limbirgh son= are perhaps in mother page as Ihe former is reported is another page as as onr sqace illute: and the reader will IIuntuvD and the anthoritus of fle Rusal dintcuitural College on the ife-long labours there. not merely in the direct teachiof lmwnt
in the local results which are at leteth appear ing - the life and energy of the lucal Chamber of Agriculture being one of them. For the drecussion on the Game Law before the I forli Awvincate a kdanburgh wa have nut yet fonnl room. Mr. Wilsox's anl Mr. Shirinat's spoechos will, however, appear in our columne; and the quiet force with which the reasonable complaint of the conant-firmer on the subject of the fame Larwa has been thus laid before the Government will, Wo are certain, be acknowledged.
We quote a single bontenco from Mr. Winson's nddrese to the Lorn ADYocate.

H1s lordship might bespare that thare was what he might call a taunt with which they were conatanlly meth, when they complained of the srovicos under which hey laboured and the evile that resultod from the operahon of the Gamo Lawh. Tho turt wal thio-" But you

 ordship that the cinso wat uee in 3 l. ha the. requured to got redreas by publio menas fle far ners reatly secute tho basines of farming, thoy muth have land to secule that bune that the mittor had been agilated, fam. But yow that the matior had been agitated, hecomiog so univereal he might saz, hat he believed $t$ would not bo long thill not a lease in Seotland would be granted unies ib had such a reservation. It farmer then, refused to pive such a revervation, he sould lore the farm he lad oecupied, and he would no zet another. He must cither nign that or turn has attention to sorne other meane of livelihood, of go to the colonies. He could not help himsols ander prement circumatavese. It whe therefore quite gratuitous to may that the farmory wore to blame for putting their names to their leaser, and agreein to the rewervation regarding game that whe required by the landlord."

Mr. Witson, of Edington Mains, the Preeident of the Seottish Chamber of Agriculture, who speraks theee words, has long been known es one of the most infuential of Scottish tenant-farmers and his personal and profetsional reputation lend great force to his temperate represelation of the injuries inflicted or permitted by the Game Laws as they at presert stand.

Our attention has bean called to a passage at Mr. 3 , No. 180 of the "eterinarian," Wher atates he constantly fourd \& Orypbogem, zouminbling Oidium albicans, on the vesicies of the mouth and the white matter that covers the ulcers of cattle suffering from the foat-andmouth dreease, and that this disease might be cnginally duo to animals eating plants covered ly this rust. There is no proof whatever that the Ordium of Grass, which is an infant state of an Erysiphe, or at any rate a mere form, has angthag to do with Odiun albicans, which is much more likely to bo a condition of some tuoukd. Low forms of Eung, however, frequently occur on morbid growths or fluids in an abnormal atate, as in thruab, diphtheria, fic., but there in not the least reason for believing that they are the causes of disease, whatever may be the caso with respect to some cutaneous affections. M. J. B.

Crrap corn for the mechanic, and cheap coal for the engine, are indispensable in a manufacturing country. We have heard much lately of the emigration of many of our most skilful mechanica, and of the successful rivalry of our inanufacturers which has commenced in thel giam, Germany, Rassia, and America. No doubt the ingemvity and indnstry of other nations will raise uip comrutitors where formerly wo stool alone. and wo shall find companions in that race of Fro-purity and material progress which has distinguished the age Still, in that race which Tr commenced in advance of other countries, we shall no doubt hold our own 80 long as our and fuel

The future welfare of the country deprends on his. The food supply hes already become indequate, an fire as meat 18 concornedt in regard population here anil abroad may tax the sources doubt the effect of a general risn in the mrien a doubt the effect of a genmal ing in then corn wonld be a corropmoting relation to ither of labour, and mar ponition in relation the what That the risu of price would disturb, then ernanbrium of trade and of productron tipher ratons might ceass to annd ur man Than. - jurtition that
 has been for 80 many years useful.
necessary to a manufacturing country. Where
there is a population of 30 millions on a very limited area, the home farm must necossarily be made extremely productive, if the people are to be well fed. Even assuming-though we do not believe it-that sufficient corn can always be imported, bread alone is not a liberal diet; there are other articlos which ought to be abundant, and which cannot be imported. Therefore, it is essential to the prosperity of this country that its agricultural production should be progressive, liko its population. It has been said, "The more fodder, the more flesh; tho more flesh, the more manure; the more monure, the more grain:" and if these common agricultural maxims Were true, the necessaries of life would all become more both flesh and grain would be met by the resources of our own land. But they are only partly true. Cattle increase our manure-heaps in the first instance-they bring cake, feeding corn, and guano for Turnips, on our farms--but the moment the flesh is eaten by man the good results are all lost; our stock farming has become an elaborate mode of "robbing Peter to pay Paul." Hence the retrogression in the production of corn, which we hape several times pointed out in these columns; and hence the complete falsification of agricultural maxims, which would be true if what we imported to serve our stock farming were not lost by that fearful system of waste to which we are all so blind that, at present, no serious attempts have been made to prevent it.

- Wheat of home growth has sold freely at full prices, and American and Russian hava advanced 1s. per quarter. Other kinds of grain, and pulse and feeding stuffs, remain without alteration.- With only 2128 beasts on Monday, and G1.7 on Thursday, $6 s$, and $5 s .10 d$, and best calves made 6 s . $4 d$. , per 9 lb .


## OUR LIVE STOCK

On Wednesday, the 15th inst., Shobnall Grange wrs the scene of an attractive Shorthorn sale, long looked forward to as an event of importance among breeders
of pedigree stook. The cattle, and especiaily the cows and helfers, were in poor and low condition, yevertheless, bloon will tell, and smme high pirmes were gwen,
as well as a resy ectablo areraze obtamel over the "ing anmals draposed of, Tho lirst fow lots went for ordinary figures, such as might be piven in open market for unpedigreed cattle of fair quality, but on the appearance of Charming Maid, by LORD tribe, one of the same family B Charmer 0th, who made so poor a price at lork last week, a cbange took place. This heifer, althougt bight of flesh and very poor, is exceedingly sweet-looking, and withal a pood to Mr. F. Lenes's bid of 170 g g. Purity (lot 9), from Purity by Rovin, was a forgnin for (ot Parr at 26 gs. ; and Lady Genera, by Dukr of Girnevs, having attracted the attention of Lord Dunmore, would well-bred heifer, fwo-thirds pone in calf to Griva DCKP OF EGaEY sTM, and was sold for TS Mc. This waz followed by another succession of low sirices until Fidyed thappeared in the riag. In our notree of the Shobnall Grance catalogue on the 27th ult, we expressed an opinion that Churming 3fatd and Fidget Th, slmply on account of their lineage, would provoke the truth of our surmise. Fadyef ith is not a beanty, hut this is not altngether an unaristocratio family. She $1 s$ described by an exceedingly competent eye witness as not part, cularly hikes Shorthorn, as un-
attrootive in apparance, wanting in symmetry, and
deficient in milsing properties. Sho in homever



$F_{1}$ (get the Tin Dike UF York ( 17,754 ).
Fitget Gth. 3D LuAD Oxford (22,260).
Fraget Toth.
This representative of pure Bates blood finally became the property of Mr. F. Leney, at 210 gs . Next came Zeal by MocNTFBsing, daughter of lot 1 , and of
good old Chitor blood; she was bought by Mr. W grod old (hithon blood; she was bought by Mr. W
Fowler for 52 gs., and the same purcharer secured
 Thanter of Lnr Dunmore's Lady Geneca, for 510 gs , Wreald as fat for 43 gas, : Kiva Chamuive, a son of GRaNd Duke op Essex 51 H and Charming Maud, above spoken of, was purchased by Mr. W. Fowler for 3. $\mathrm{g3}$. The 27 cows and helfers realised 11401 . Gs., or an average of $42 l$. $4 s$. sd. each; the 11 bulls brought

Mr Mc Mr.McCombie, of Tilly four, are of aboculion in cows, by at this season of the year:- When a cons is with calt she has strony sympathetic feelings, The fortus and afterbirth from a cow that has slonked are sery offensive, and if left within reach the otber cows will sniff at it, and bellow around it a and in a short tame many
more of the oows will abort. Many reasons have been given as the cause of abortion; from my own observation, frosty Turnips are ono great cause, and I never allow my cows to get these. If I happen to run short of fresh Turaips from the store, I order the cows stran and water, and perhaps a little cake or corn at the same time. I have paid dearly for this experience. believe hove to be another causo of abortion, and that particular atmospheric conditions have a good should bo winsulted. he will probably rommend physic to cool the system, the frat us and placenta to be buried, the animal to be separated, and the cow-house to be disinfected The cow should be iattened and the chances are she will slonk again.

The Rev. W. Radclyfe writes as follows:- It msy be of service or interest to the readers of the Agricultural Gazatte to know that a great many cows and heifers have gone barran this year, and a great many have blippod their calf. Mr. Stickley, dealer, of Shillingstone, told me a fef dsya ago that, on thi account, cows and calves Fould be scarcer and dearer and barrenness more plentiful, than ever known. Five cows and heifers round my own door have lately slipped calf. Mr. Phitlips, of this place, who burs the butter and cheese of most of the dairies for many miles round for the London market, told me that he knew of one dairy of 30 cows in which 15 only were in calf.
Sheep.-Lord Bathurst is seldom or never an exhibitor of stock out of his own county, Glouresterskire, although for size of carcase and weight of fleece his Southdowns would give way to none. At Cirencaster market (6th inst.) he showed 10 very superior b-tooth wethers, which were not considered to be sold dear at of butchers in the neighbourhond. Some exceedingly of butsiers Hampshire Down sheep wero dssposed of at the same market. They were fed by one of (Mr. Hulbert), and had been living upon cotton-oake and roots without any linseed-cake. We mention this as a good extmple of succeessful feeding with cotton-cake. As an instance of what we believe to be mere prejudice, we may mention that this sub-
stance has been accused of causing the wool to come oft stance has been accused of causing the wool to come ofl
sheop. The conts of the animals in question were in beautiful order, but if any of our readers have really observed the wool to have been injured by the use of asp. It e weitere cotton-calee either she facts of the with ather fiediag stuffis, to be an adiuirable food, as war pinnted out some time since by Messrs. Lawes
$\&$ Gilbert.

## FARM CAPITAL.


Accrptive the invitation given to mo by your ural capital a spoacl the subject with abution ciation of the difficulty of removing long-cherished convictions based upon the practice of our iorefathers who were, no doubt, fully entitled to our respect and conftence, but the circumstances under which they lived are now chanked, and are still rapilly chanking, so that wo, as lan'lords and farmerz, must deal with these altered conditions in a commercial spirit, which always adapts iteeli to the pecular influenres that at
the time surround it. Who would have thought in the time surround it. Who would have thought in
my time, some tio odd years ago, that the smoke from my time, some co odd years ago, that the smoke from
cosl would be made to diow in underground channels, and re-appear, almost macically, on our chambers ns a blazıog light, sending to the shades the gloomy flicker-
inas of the renerable oul lamp, with ils montemporary ings of the renerable oll lamp, with ils inntemporary about for three weeks within sight of Dublin harbour in the face of an alverse wind, out can now
make sure our voyage with almost unerring regularity Lovers can exchange soft words, and merchants may buy or sell cargoes at liehtring speed beneath the
broad Atlantic. In foct, in my early days we had no oean steamers or rilways, no gas no talegraphs or police ; but we had to boose over our port wine beonuse the rehes conllt only accommodate 20 people, who had, many mese, to hook their places a day or two The now broallheets of daly nears were per leur. The now broal-hects of dany neirs were then puny
slips, as oramped as were then our general education slips, as orampod as were then our general education
and literary opportunities. But mighty steam bas and literary opportunities. But mighty steam bas changed all this.
And we can and must adrance at modern not sncient speed. I feel sure that you will agree with me and is view of our changed position, and that both you
and your landlords will gradually but surely ghde into the profitable stream of steam-ftriven progress. It wrone to charge agriculture alone as prejudiced and the Inrd Mayor and Corporaton of a enterprimen London petitioned tho King to prevent the intre, anctor and ronamption of coal, as its swoke such a nuisance Now, the supply to the metrono tan district exceeds $5,000,010$ of tons annually principal towns once opposed the approach of railways as a nuisance, and have since repented of their fulls. Even non there are people who won't believe that the adest place you, can live in all your life is in a firstalest pailmay carring
It is, in my opinion, too much the custom, and
great mistake, to conga
provementa tbat have b rather than to lamen
undone, and for rath untone, and for which th aserflowing food comes overlowing and ray.dy to the increased fertils examples of agricultura queut.y brougat to public porem n) fround of bad and impert eri or wo should produce more per preak of Suffolk
his mullions of avalable particm annually to the Board coited

It is not in my nature trary; but I consider it a d public attention to that paramporis the people by a proitable a are already, most of them ne hatr for the capital emp enants' caputal is ool enants capital is SOl . per acer, miol My own small farm That should be done-for with is 67. per acre there bas beea to mo annual surplus of more tha and protit, after paying eree
this case the landlord (myen $3 l$ care the landiou (mysanf her qu
 mprovements, remoral of trea min nol The tume will come rben shamery iated, not by the number of disa th amount of his rent-roll, the latitarge Stor rend a wellut mosi ing incressed and more employment, that and the acres many

## In 1669

These thriving and hungry nirid cal uriste ( unan dowiners and bey ymp of practice, and a rrogressire inter it. accordane with the raptily feriner per of manufacturing and commerow ?imp happily, in many ca
power of intelisen revious attachment to antique not is t a dispraca to us, that wa
oreuga Wheat annually, one-half
remain in primit I know that there is a stro manent pasture, but whe infrequently, realive on my
$1.1 /$ to $26 l$ per acro in corn thoso 220010 min of ares
be starving the people

How
I mean the landorneri'apd the average of the kinadom,
returnel to the Beard of Trad would probably

## The a the value

## is mou, nombi, annually.

## mountains, wast


farmersa eapital ma
are in permanen
and employint hittl
probably $3 L, 12 \mathrm{~s}$. would
requared in the mater
land at mist mitımatels
With (Whert latdowne
commissioners. Tho L
great affuir, for it tak
20,000 acres, landlord
of Iromedo for only
One cat judge froul this manurial pown an
Farniers w. ll then have stier meters), a wher reqturemen Where the caphal 1 to to
provemeate, I point to and drainage companies whath spop unlsed capital,

Titable proportions between landowner and tenant, Insin boom to the nation.
When I purchaced my por land in 1841 , it cost me
at per sire I meated nearly that sum in dra.nage. per s.re 1 inveated dearly that sum in dra.nage. I atave th pay myseli wos per aere annual rent
year. 1 vm I sold one field of white 1 h heat for
 81 st of last lecember (see p. 35 of my book, pub-
d by Redtedge \& Co, Ludgate Hill, London) -


İr re may spar to jou a large sum, esperially for stock ard tilazes, but I want sou to believe that on pur hased lood is the very kes to my profit, thoo arge and frequent crops which many
will hardly credit until they see them. The thllages these from very deep cultivation, and a
larger dowe of ruen cake and conn manure than Il admmutered. It is thans that I prow
Mangel per arre, as It hive done thas yenr ton, arciunts for my frequently prowing
\& quarters of Wheat peer acre, and on
matulued Clover leas two heary crops matured Clover leas two heary crops
in suctession. the scrond crop livelt
some on smane on farious occasions keen
 and $\tan$ i rmy your own opinions, Although
seaton, my best two fields of white Wheat ded fi quarters per acre, and my barley (srown quariers of white Wheat) was threshce last and yel lid over n! guarters per acre, sold at 3s, thel per acre, and of liarley 6 peecks per acre. Thas the erops tary a pood deal, and the price of Wheat is now - low stock breeders have the best of it thes year, demsand for their store stock at higher prices, y, however, suffered severely in 1868 from the Leavy lands.
Iy experience has taught me that on such farms as 161 . Will pay a much better profit on one acre
non two poor farms require more manure, and sequently more live stock than rich farma, and, of moo, much food munt be provided that did not grow Luncolnthre farmers have from in07. to s30/ per -2 captal They are thus enabled to hold their corn it. 1 whiana hetter than 1 do now had $120 /$ to per arre ialual; 16l. is not enough. I presume,
my knowledge of Suffolk, that its general teants
tal doen not exceed $7 t$, to $8 t$. per acre, and that there thl deen not exceed $7 t$. to $8 t$. per acre, and that there ange, buildings, and other necessary umprovements. is true that 3 ou have more grass land than I have tion of team cu tisation will annually dimanish the
of javiure, enpectally of poor sasture in heavy of faviure, enpectally of poor sasture in heavy surable position than it has hitherto lad. adrantares of ample capital are obvious. You
bur when other people are obliged to sell, and sell other people are compelied to buy, and car fintin ample stock and machmery. Ample capital inoes leads farmers to hold their corn when they
to sel. it is a safe maxim, I would say, always
Wheat at ons. per quarter, but soll when it is at I bave hnown of a qood deal of money lost by buyers are willing to give. We see, in conse-
ce, old corn atachs rdddled by rats and mice and threshed, minus the crain. Capital with judgan umense power. and only fazls when it is ned
asked how I would employ additional unmanured, and onfit for the poots of unmanured, and unfit for the roots of
dare not, in its present unwholesome state, to the surface and bury our top soil. We
thercfore, uncorer the subsoul by ridg.ng or a) tother the top soll, and incorporato with
anmense quautity of rich manure
 anden in l.ve stoek and purchased food In fart,
ars then the treatest advantage, the soil and subsoil, * the depth of 3 fret, should be weal manured; now
only manure the top 5 or 6 inctes. Our root and crops can the top 5 or 6 inches. Our root and
te deep subbol when over manured, for they feed
oners understand tan well, ond around the metrot they easily grow toln
reropa in jrobiortion
us sixtem of larye Thas antem of larke capital and highly manuring
so medtate bearing unon the growth of Beetenthar for sucar or for distilling In times to
ine fantenefor both purposes will be rreatly multi-
 -viund the invepty a is, , let them farm as they like, quent somthrested in cake-ffed live stock. Tue Baron Ite absence of manure in the sub-
ree trade, "Down corn, down horn" was the motto
since the bread, malli, buther, and cheese have increased in prive, and are free from the fiucturions
 ome extent present exhasusion
live stock pur hased clieaply in July, when feed stran, cake, ir, mutıl the ruat cenon
heavily foldug with sheen, consuming lut fertile by Werth per acre of calke, corn, has, reots, de, not the produce of the land on whirh the sheep, are place
 is by far cheaper than tuano of ather arhaticiala Were my to trin of Bangel per acre grewt thas year the rate of anl Forth of cake, \&c., consumed for cyery acre manured, and some gusno in addition. Thas h What I call capital farming, ma well a farming wath pay The land of Finsland is senerally not nne-thrd

 Theat croys There in nos meed for landonners to the aere. There land must smprove.

Ynur Sugar- Reet land should be all richly manured and very decply cultivated before (hristmak, and only senplied and suanoed berore so
My farm is all arable except 14 acres of permanent pasture. I have no fencese except an external one, and fam very Rlad to hear that some of your distinguinhed landowners havo realised the propriety of remoring many of those fencer and poillard trees that dsfigure full benefit of has land, for you know he has to pay rent for the ground ocrupled by fenceas, trees, and their roote, hesides suffering a diminution in his crops. A farmer of (inf) arres told me the other clay that he offered his landlord an extmo lond per asnum rent, provided he might clear the ground of those obnoxious offer was declined, although the growth of the limber did not come to one-fourth of the proffered annual increase of rent.
Now that 80 horse power stenm-engines are mult1Vnting 3f acress jeer dag, we shall sume see surch

 mplement waker nuudered, swiled sarcastically,
Remember, that while I adrocate mople fields untimbered, I strongly urke the formation of plantations or belts at intervals, not only as shelter, but as hreeding places fir birds-the farmer's friends. remember that as we clear and alrain the conuntry, we buidding producs a drier and enough to resist the gales that will sweej) less interruptedly over the country.
By the way, speaking of tillare, my truat worthy
 and found it to be 30 inches. It was done by two nf Fowler's 30 -norse power engines and when the land is
 as well take a hint, and consider whether even if feet as well take a hant and consp enough when the $\overline{5}$-horse engines are put to work
We ara on the eve of many great changes-your middle-class conlege, so creditable to Suffolk, 19 doung much to enligiten the rising, generatson of agriculturists. The linyal Agricultural College at Cirencester, in which I, many years aro, took a preat interest, has
now become an establishicd institution, granting diplomas for sgricultural efliciencs, and sending forth men learned in the theory as well as practice of tion to a lecture whieh I delivered at Chelnsford in 1Sio ( 1 , j jears agol may soon be in some degree realised, which jou bise heard an patientls. trusting that I may ately be found a true prophet
I see in per-pective a railway artivity nerrading agrimlture The thme a moming when farmo will be quared, trecc removed, and came nill intersect estates, and ove horse will draw to market the load of four; when the sewage of our towns will ebb back to ita original source, when
the waters of our rivers and drains will be appled to the irrigation of felds, when our millers will use stearn will be better educated and rank higler in the sorial seale, when our labourers will he better lroused,
taught, and fed Then wall the blundermag rudeness
and clumsiness of jgnoraner he exulhanged tor the watchfulness and thomplit of an enhinhtened sntelligenee, then will the fractinnal isleulations of profit torial legalities be superseded by perimalal respmoib.hits. "I fin all thas in the itatance. it is a mern queaton of time tearing up furrows a yard deep, making the land look like a ses. I see those hungry
earthy masess saturated and immedsately fertined earthy masces saturated and ime momple evaporation
farneries Fill Ewe why to jermineat and coovealent pratious syatem wil! be exclianged for hberal viow and larse operations, capital will derolod its siont culture, commerce, ad mannfactures will unite by the i.es of a grest commann intercat and pommon inteligence fur the goond of ust seople and for the
Lonour of thisgreat nation.

## CONTINENTAL ARIRLCUTITVAI. NOTES.

 Fibim libitish covatis' libports.Treinami, Turkey - Thas promince besak monly nor fine nor his attenyt made bo the nher luge

 farmishet by the geats sherphlax, gives about enteeniest and largely expmited; it njproaches that of Apkors in qृuatity. Cattle pimgue breaks out here from tume to time, but, thanks to quarantine ragulationa, and atill more perhaps to the dificultses and introFreney of lomal communimaion, widom proad

 in for se spaisat lian 2 ppartation of catile kupponed to be unfecterl with the irevalemt disease it 18 a ankular fret almo that then finvertument, while taking grecall tiens agninst the int rofluction of a dinease from forsign oountrites, is actuelly investigating the nature of an
indigenous one, whith has for many yearn caund great
 As the commassjan appoimted for thas purpose han not yet publinhert its report, cam only siate worne meneral facts concerming it. This diseasi is peertilar to the Departments of the Cantal and luy de Dome in the centre of Prance, and is known by the name of "Mal do Montasne" It infeets the cattle fed upoes the hichlands of these depmetmente, whieh form s vast voleanie nlateau aboul 351M feet abova the level of the sea. The Southern and Western lhepartments aro anpplied with caltle from theve pastures, and mlmont all the young beasts which are fathened in Normandy are bred here. Large quantition of ohoese ane almo acms to be entablished that the malady consiaks in an allection of the vimors of the amimale, raused by the presence in the blood of an undua quantity of carbon, whether produoed by doubtrul. Athoukh it does nnt extend to the neighbouring dratricts, and has not hithertes been consadered infoctal in is, 1 thank, quevtionntis. whetber catto infected with it, and remuved in the other pastures,
may not reprodure it, under difarent conditions, is a
 1 in fum - With repari to the trade in fresh beef and
mutton, and in Extractuma Carnas, in C ruguay, the repor t giys:- A mew branch of exportation, whinh if reduood to marketable in Europe, would soon beoome very extem sive, is that of the preserved iresin beef and mution; bu as yet, of the many methods for ita proservition of which experiments have been made, none appears to have effected the result desired, that of producing for European consumistion an acceptable artiele The meat of this country is without fat and compantively insipid. of the Extrantum Carnas, or essence of meat, prepared on Barnn Liebra's system, at the very complete works of the company at Fray Bentos, the extract hemp the calctilated mount to be shipped in 180! With rerard to the crops arown in the republio of C'ruguay, Wheat and Mazeare the only corm crope rased, for both of whieh the soil and rlamate are highly favourable. There is however, compared with the amount of corn consumed, s vers small extent of land in the republie under cuitivation, though duritug the lnat few yeara Wheat growmin has become more the last few yeara mean of theome than formerly. The introduction of American ploughs and othar The introduction ofanericasing made the labour implements of husbandry having moplation in the lighter, and the rapid incraske of population
towns requiriag a supply far beyond the production of tho country.
Bareert in ffororen - The prospects of the year were cheering, the rains intervals; crops of all kinda promase well, ind there is Rreat hope of an abundant harfest. The prices of Theat and Barley are conse fuently unusuaily low.
The fasturage is also very fine, and cattle are in an exceptionally fine condition
Mempl - The state of this part of the province of Prussia with raspect to agriculture is by no means unprecadented diatreas whioh proviled aromght mot
 large number of landed proprietors.

an order now exists on the island for 1000 busheis hich this ise neturally yield hitherto consti tuted almost the exclusive food of the cattle which in the years of drought were left to perigh of Which in the years of drought were lart to perisic of hunger, particularly in the northern part of the istand Where this calamity is more requet. the landowners nago casioned cond lo and has induced them of late to take new measures nor the necessary feeding of the animas the catitle are probeen built on many farms, where the catite are proteoted from the rigours of the winter or the heat of the summer, and the oulture of s new plant has been introduced, Whiok is likely to produoe imporvan beneficial ohanges. Mover," or "Zulls," and appears to have been imported from England, where it is also cultivated, and known by the names of Spanish Trefoil and Clover-grase. It has proved on the island an excellent food for the cattle, and, as a proof of the good results of its culture, it will be sufficient to mention that on one farm it yielded so quintais of dry lorase per acre.
whe ivision of land into small lots by stone walls, explained as a necessary employment of tre rooks in which the earth abounds; while serving to protect the crope from the effect of wind, it also renders unnecessary the employment of cattle-keepers.

The labour care, and attention bestowed by the inhabitants of this island on the cultivation of ite rocky soil are beyond all praise. It is hardly an exageraration to say that every yard of land is highly cultivated and made the most of, while is is a matter of surprise that so much can be produced on ground which is in many paris rock hardy covered
 who provide seed, \&o., and pay the working expenses, dividing the profits with the landowners. This syatem, while it stimulates the energy of the farmer, seems to While it stimulates the energy of the rarmer, seems to apparent inactivity of the upper classes, who are the chief landowners, who, relieved of the Who are the chief landowners, who, reneved orsuits, and removed from the active scenes in politics, which engross the atitention of the continent, seem alwist to rest in a prolonged "siesta," leaving the country people,
with whom they share the profits of their estates, the With whom they share the profits of their estates, the
fatigue almost of thought as well as of labour. But the fatigue almost of thought as well as of labour. But the number of proprietors in proportion to the population population of 15,000 inhabitants, there are nearly 2000 landowners. The land is consequently divided into very small estates, which are in great demand, although not producing, as an investment, on an average sbove 8 per cent. on the capital. $\mathcal{J}_{0} \boldsymbol{R}_{n}, \mathcal{J}$.

## BTALL FEEDING.

To enter folly in to the details conneeted with stall feeding requires muoh knowledge, both theoretical and system little used on this side of the water, I conceive I am only doing my duty torsrds those around me by making it generaly gown. In one or my out-buidinga brickwork, with flues around them, and leading to the same ohimney. In the same house were placed two large wooden tanks, 0 feet long by $3 \frac{1}{4}$ at the top and a at the bottom; one had a hid to it; their height is of the night feed, which consists of a bushel of oaten atraw mixed with from \& 16 . Locust beane and 1 lb . rape-cake to It of the former and 1 of the gallon per head of cattle is placod in one of the boilers, and when bollug, the cake and beans, previoualy broken into moderately -wsed pleces, are added, and formed into soup ; a foot deep of the chaff ts then put into the tank,
with 8 lid to it, and a portion of the sonn ladled orar it With s lid to it, and a portion of the soup ladled over it. The whole is stirred up and preased down with an
ordinary fork, another foot of the straw and more of the liquid poured over it, icc, thll the bushel per head sad the boiler's contents are mixed tomether; the lid
is then closed till an hour before feeding time, and is then closed till an hour before feeding time, and appears as if it had been steamed. At the morning
 Witar monomike for thoiling pig's food. Labour it of shima, The coat is, per ou-diy menth:-



 Thatour, Eech shomet

You will perceive I have oharged oaten atraw at 858. Tarnips at 18s. 4d. tou, and labour at full rate, thue obtaining that for the pigs gratis. The cake, fring, do., is at oost price. I mix ohefied hay with the oater
gitraw during the last three weeks. This I have not straw during the last tbrce weeks. This I have not given, I dobit myself with 2s. per hesd, The en beasts put into the stails by me on November $\$$ were valued by a sood practical farmer at 1 isl. 10 . emah. Un nett. Deduct $21-100 t h$ month's feeding at 1 ll .11 s .8 d . together with ${ }^{2}$. axtrin for hay, or $3 l .8 s .6 d$. and 1

On January 8 six more were disposed of at 20 . and 2s. for difference between hay and oaton atraw- $3 l$. 105.7 c . This left as balaboe in my favour On Mrich in five more realised in Dublin, clear of all expenses, 201 . $2 s$. $4 d$. each, four and a half months as before, and hay amounted to $6 l .14 \mathrm{~s} .7 d$, leaving me $2 l .17 s .9 a$. each, or $14 l, 88.9 d$, on the five The remaining five kopil may 2 , when thay cost price Their feeding for six months pas 96,138 , thererice. Their aban on on January' 2 I bought five heifers at $15 l$. 58 . These on May 2 made bought ive heifers af
 Thos it (ill chas it will be seen that the thl, besides having all the manure for nothing, and
 straw at $2 l .12 s t i d$. per acre.
the dung as estimated by Luwes, viz :-


I had 90 tons of Swedes to the acre. Thus, in round numbers, thres sind s-half acres gave me the profit of over 917 I believe the usual bustom in Ireland is to give from 10 to 18 stones of roote a day to esoh stall feeder. If so, only half the number can be fattened. I pontend, thorefore, that if I can, with the addition of artificial foods, turn out fat double the number of cattle, off an equal extent of Turaips, than is done by the generality of my neikhbours, and thus (for the sake of argument) with the seme money profit, I am farming more successfully than they are. We all know hat the manure formed from animals lod wit rape-cake, \&c., must be of a better quarity than tha recoiving the benefit, and my gubsequeat orops must receiving the benefit, and my gubsequent crops must advisedly, as there may be some sround me who, in the course of disoussion, and to prove the goodness of their wn system, may challenge me to show an equs amount of arain off an acre of my lands to that grown
by them last season; and, in all probability, I shonld be unable to do so. Their lands may be rank; mine s not, but will be, I hope, in the course of time. W should, therefore, not meet on equal terms It may be urged that the system I am now advocsting it roublesome. I will grant that it is for the Brat day or two, but when the men get into the regular routine all goes 8 moothly, and there is little difliculty in pulping and chafling if you do it by intermediate motion affixed to your horse-power threshing-machine. Mr. O'Neill axed mine at a slight expense, and one horse will out hour. In England, where stall-feeding is carried out to a mreater extent, the practioe of the abote sytem is
I am informed, yearly on the inorease Mrili, ono of the most distinguished farmers of the day, speaks most atrongly in ferour of rapeover linsead-cake. He says it has more fattening qualities, and the manure from a an equel cormer is vilued at 1 . $1 s$ s., While that from 4l. 12. If such is the case, and one is 50 per cont cheaper than tho other, it is yuite ovident which is the most profitable to the iarmer, Locust beans are mixed with the rapa-a, to take sway the favour, Which otherwise at first is distastelul. I found onl two cases out of 85 where the beast did not take to the my mared food at onco. A fen gentlemen haveinspeoted my mode of preparius lond for eattie- beisep pleasure to demonstrate the Forking or lay my accounts belore snyone who will favour me with a visit at Raheonderry. [Captain Morgas, befors tho athy at Baheendoryy.
Xarmers' Club.

## 粗ome forrespomitence.

Draining,-I rent this place (abont five acres and house) of Lord Rivers. Tho field did not want drain - were a swamp. My resillance an 1 gardens are on the highest ground on Okeford pitzpaine, which was so wet, that it was in vain to think of gardoning thl
the land was drained. So I consulted Mr. Todd, yoo mand his mensen drained it thoroaghly for me. The qeneral depth of the drains is 3 feet 6 inches. In some are tiles. The gardens are now healthy, and the draining, there was no sign. The lawn is now firm instead of belng swampy. I sli sted from him aud hi men the following. -"The head of the water is usually hard enough to thresh corn; the strampy part of a fiel is the subsidence the head of the water must be cut off; there is no settled depth for draining, at mhatever depth tho water lies, there yor must put th drain; the under-water betag carried off by the drain carried of toter subsides into its nince, and is thu: carried off. The distance at whioh drains are placed
depends on the nature of the soil; swampy light lands they aot bear anh severe drainage as heray lads, a they will "bleod" too much; after draiann, all grass drains athwart the slope of the find bathers cut the draners cut the drains with the slope; il strong land is deeply broken up by steam-ploughing, the drains neod not be so near as when the land is ploushed by horses. If land is very wet and very heavy, the drains
shouid be 8 (P 18) foet apart; after the drain-tiles are should be 8 (? 18) feot apart; after the drain-tiles are


Now, how much of these severn anastrame equivalent, do I retura to the oun in an of average manure, or 8 ent a sup ploushed in so. gluch informelion myse already pablished, but any aid Fill liguraa one who has not had the mivanto Troinitg.

tonant it wilt peremptonify rejeet any measure siculated to disturb the ryghte of property, in mantenanme of proletartan peasinntry $t$ zeneril taves of the seanaty


 ip.tor- ir oceuplery are prit ari 1 to endorse 2.1. Ht nitry

## Stews, advorite!

 s to be done. First and foremost, to be done. First and foremost
muprovement in their derlings. mot, that
mirmukh it
fanitited


 mre winewhat ata,e, but uevertheless I lhnak
 thily tenants but lsndlurds will prove themiselves
yequal in their increasiug rexpionsibutites. olly equal is their increasiug responsibuties. tye than temour son have doge us in drankine our pond md, tenant, and labourer must sme or swime in the
mone boat anm almost afraid that the old suyng is ame baat I am almost afraid that the old suyng is 3; amel the rale of hifo now reens to be every-
fody m take care of hmaelf. Now, it so haplens Word or lisn has been sand about the agricultural ooks, ind I fat I liave Inm living rent free, aniltahime - ges from me of from -in. to sivl. per annum. We liveres poot of iatd and a eottake to live in Compare Fom la fisa arrese of the best Wheat I have grouk in 10

 I) with those who don't live in a cottage at el convinced tbat of the tevant had what desirable he should have, he would not
o bit own eatate but he would improvo the the labourer and the contry generally. On entronfer"-Mr. Buzi, Ey pave this toast. lition of the arricultural labourer, he sadd, Eople Our population increases rapidly, opportunties for employnent do not
lit
 istit: W. "utravention of large foums. atw "utravention of large farms.
 (m, plantieally the best, but hke the manu. Apraninny, they must be conducted on chtent with a less amount of nor the
empe, imis to employ more labour and to pay rith a effichent cuituration. Tbere is the stan hut there 18 also the landlurd' capina,
 ber om thus occasion. You have heard his
pisre that many landlords who are called picre that many landlords who are called
ke mprovenments are really unbble. But
this be so? The wealth of the country
in rapid ratio. The English poople sre
vest thoir savinga in all sorta of schemes, limiters and unlimited, but ass, and antal of the country dees not find
the liad. For the exnsting ama with the lind. For the existing jaws with
many instances, the tore such that in therr
mifliculife are
 not herilate to arow mip onumintion that
strict cottements and entail are thme whill an whelt, mitad state, whith lends what less lizeventan mesease in the enyphoy. fray has Threre qa another point uprin whinh
 on wiro obsect to the Giame Laws are not they uow itand, but then I am no sports-

Edmonds, when the core, no credit to toe 10 mas to Mr .
 an ast callurat upon su h resomatli, temens emasent


 mimet is. in farmars we las thatm peas of vathons
 whin lanto trierd akri uitumi experituents in a mare exar way fud that litle dependeuce can be piaved the crop may appear better, and tho acalea and balanoes may prove that it in really worso. On the
other hand, in the Chamber oxperimenth, tho axnet ather hand, in the Chamber orperimenta, the oxict

 of hulake We have had cirr Witust driliol at variots depthe Phat manures whi h had boon matel have beent
 make the conditions ay simple as pombihic and I beliete
 Contasoldx, and I should like to find co-operation with tie (ithwold hills, and farmers udertakige experiments in emunempan with the Cirencester Clamber of Anticulture I think I imas sery l.riefls recomat the
satem upon whith we to we endeavour to obtain as many practical faryorss ge phesthin us try the armers - and the remuls are all the produce of one seasnn. The exjeerments made in oue season cantol be then as in index of what would be the prodnee of
the next. and this is tho catose of the trarelinhliness of Il:ny of the exprimentis made hy sollary experimeninnts. flo are thefefore (arefal toget the resuls nlt all arcuratnly niade in one sesion I thask jon late


## 

uader tonts, and a strange history 1 could tell you of What had passed in the quarter of a coutury it whioh minny faces have dissppeared, many faces have grown old, and in addition to that many frces are so covered with beards and molstaches that I do not reoornise them. I have seen many curious thans in this pona, without hashaz has pure and his hrands and water. 1 remember ons gentleman -I wont say whommaking a speech an-ut spleuco and the march of tho would walk after a cow with a teaspoon, and when the cow had a natural occasion would carefrilly taste the results with has teaspoon. On ane memorable oocanion the nuble lord who now sita to lease the roum mmedtatcly. In that five and do for myself feel proad of beiog otle of the humble individuals who have been connected with that that the landlorid avid tenant muat sink or awima in the same brat. but the difference is that in those days the landlord. interent. The manafacturer has a krrat alvantage




 that he ought to have some knowledge of scienoe. Since our land is limited we muat make it as productive as wa can, and I beliave a great deal in to be dome
by deap cultiration.

## 

The Farmarn' Almanac, 1870. By ('uthbert W Mortons Nort Farmers' Almanar. Iafo. Fidited by Petrer ir falpin.
Thio Ihinsirated Faphere' and Gandeners Ahuan te. 1ino. Fleet Sirpet, Louden.

Sportmenes's TUuptrated
 Un mame them in the noder of the $T$ untirity
 Cuthbert Johnaon monfers a real armicultural benefit


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The "Illustrated Farmens' and Gardenera Almanac" ontains 10b large ruarto pases, of which pp -82 are repubished from zear to year, and sudy want reediting What kind of nstrurtion in conveyed by, teling vae reaver inat Wheat sira* conlaina ib and Bariey-meal a, ib of res. fond to every 100 lb . The remalning pares of thm Almanac are fully llus crated with drawiags of cattle, impletnenta, and planta.
The " Rumi Almanas is a beantifully illustrated The "Rumi Almanar" is a beatutifully illustrated quarta, hili ol information and interest th the sporte man and naturalant, also xervireatile often to the apry culturist The following paragraph is the last bit of 1t 4 bast page




 aetther eattle bur wheep can pasi, and which, inorenver, throsens whther.

## Farm Memoranda.

Mr Allay Plollok's Fintithe in Galway.-
h 2 , unn are arable, and they were purchaed bone 15 jears ago at a cost-I do not here pretend to accuracy-of not less than soo,000t The lands when they came into Mr. Pollol's hands were in the condition of mant falwhy ectetes; that is thet Were for the most part held by a peagantry of small fifmers and cottiers, they had been much exhrusted siter the famine, and their resounges had nover been
developed. It ss easy to maging what thoir look then wai-rude tracts broken into narrow fields, ill-drained and divided by tanuikhtly fences, with seanty erops and
inferior catile, and cosecmed oter with small dwellinge inbabited by a donve pophlation. Mr. Pollok's first caro was to buy nut almom erery one of these petty holders, to consett somme to the sect and having to prongs, bit lingentle isdeed. set rather paraful, made domelf is inuporing the lands, to brinumg them woder thomush culcofation, sil f farmang them lanon
 opeati, how, in the place of ihe Irish viling the thp
oped
huge solitary atoeding rose it wide distances;

thousands of tons of artificisl manures were lavished upon the huncry soil; what sheets of TurDips and mades of corn were grown where the plough had never been before; how the hills were oovered with the
finest kine and sheep; how, in $a$ word, capital and finest kine and sheep; how, in a word, capital and
soienct transformed these great tracts by degrees, as soienct tramsformed these great tracts by degrees, 28
if by masic. The carrying out this social revolution cost not less certainly than the fee-simple of the soil and the results have really been wonderful. walked over a part of one of the estates, sind mills with their lofty ohmneye, as though husbandry had become a manufacture, the steam engines and perfect appliances of thllage, the vast spases of corn that reached the horizon, the speotaole, in a word, of agnioulture on the largest scale log of desplation in site of the monotong of it splendour. I missed the smoke of the frequent housetop; and as my eye rested on the soanty cottages whioh here and there only dotted the rioh expanse, 1 could pot help thinking that this form of sooiety had, like all How opposite to this state of things is the condition of the village communities, whioh have reclaimed parts of the fate of the shannon! How different is their primitive husbandry, how completely distinct the types of their life! In one case a lavish outley of capita has suddenly raised a noble monument of cultivation of the most perfect kind, and has produced a splendid model of extensive farming. Yet you feel that thi ia an oxatic growth, and that it antioipates the it is not without its drawbacks in its seyerance of the population from the sol]. In the other case, the slow industry of ages, advancing with gradual but beneficent steps, has chaoged the barren waste into fruitfulness has, with difficulty almost incredible, subdued the worthless swamp to fersility, bas, too, not grandly or quickly, but quietly and peacefully, transformed the character of the landscape.
The circumstances of Mr. Pollok's experiment suggest considerations of great inferest with reference to the Irish Land Question. First, perhaps, in import apce is the inquiry whether this wonderfal attempt to introduce Scotitish anficulture on too argest seale into a district where it had been unknown before is romuneraive, or is likely to be so, extensively followed. From all thas I have heard, and roy onn caloulations, this question must be ansprered in the negative, Ximes.

## Miscellaneous.

Waterproaf Packing Paper is thus made by some menufeotiarers:-The paper must first be covered with a reofnous liguid, then painted over with a solation of
giue and soot, as, without this, the paper will later giue and soot, as, without this, the paper will later
show blotehes. ifter thrs in dricu, the ar thal water proof coat is applied. This 1- Frisel watlay wo powdered shellac, dissolved in two pints of water
which is gradnally brought to boil, and stirred until the substance is perfectly dissolved and sottened, when gradually one-third of an ounce of powdered borax is added, until an intimato union of the substances takes place. The liquid is then left to cool, and, while attll hot, any mineral colour reay be alded, such as lampumber, whereupon it is left to get entirely cold. It is then ready for use. The operation can be so fulckly performed with a brush that two women can prepare 3000 feet in ten hours. The Stationer.

## Caleniar of operationg.

## DECBMBER- Water Meadows: Attend to these in

 southern counties in November, in the north operation. But in open weather it may be carricil on successfully by carefully watching the weather, and an extra flow of water, where there is a command of it, When carry the waterman safely through a slight frost, ice. Not a little depends vpon the natural tempera ture of the water used for irrigation and the mperaapplying it, and also upon the temperature of the tand applying it, and atso upon the temperature of the landover fich, or through whioh $i t$ flows in the arrerp,
 Bharp froct of some days duration to freeze the meadow. the meadow are colder than they were in November and with this fact hatermen are familar, and hepee watch the changes in the weather accordinely, and the times of flooding. When the water has far to flow in open carriers and gutters, it wilt be colder when it reaches the meadow than when it left the river. I wooden or iron pipes, the reverse may be the case. In the summer time, however, the water in the open carriers acquires generally an inctease of temperature, while acquires geterally an increaze of temperature, while
that conveyed belowground loses heat. Of the imthat conveyed belowground loses heati, of the imwaterman at this fickle season nothing requires to be said, and with regard to the actual temperatures of the water and of the meadow, these should slways be ascertained by a wet-bulb thermometer
Ifrigation Works. - Rivers are now sufficmently high to determite "the feed and tan! levels," aluar "influx the seator ivels. Springs are likewiee open, so that especially those wrable for laying out new works, more be applied to grase-land, whether lying in permanent meadow or undor alternato husbendry. No doubt
thore still exists much prejudioe to the irrigation of but the thorouch under-drainage of the land, with subsoiling to break moorland and let down the Water to the drains, objections of the olden time, so that this prejudice is fast dying out. River and spring water can be successfully applied to land onlylying one year in Grass; but if reveral successive outtings of Italian Rye-grass
can be taken in one season, two years in Grass may be can be taken in one season, two years in Grass may be
more profitable than one ; and once so applied, it is only a question of time whether it cannot with equal success be applied to the com and other crops of the rotation. As to the nature of the works, the water levels sud surface of the land must be the rule in each case. Whrere of permernent medow on the ridgeand furrow plan, or catch-water plan, at 1s. or so per acre, the gutters and drains being opened by a plough, the rule is plain.
Farm horses keep in aotive working order. There is something in the duiness of the season that is peculiarly depressung upon thetr physical energhes which, if not to the manger in a narrow sloping stall in a dark and badiy velatilated stable during the long nights of winter is not in accordance with the natural requirements of this noble animal. In point of fact, the day is not far distant when a loose box will be considered as absolutely Decessary for a farm horse, as for any of his race. Something more, too, is needed than the common prescrip cion of a soft larative diet to keep nerve and muscle in mettle. Feed and groom early and late, as the artificial habits of the horse require it
Sheep, whether folded ou the Turnips or housed in pens, or at large in the pastares in cur midland and northerm counties, require special attention during the whole of the month, more especially our improved breeds, whose constitutions, oaturally and artificially, are severely tried by the peculiarities of the season. In are severely tried by the peculiarities of the season. In
the Turnip field or yard, dry frosty weather wils not hurt them, but frozen Turnipa are injurious; white rotten roots and tops, when the thaw comes, are many degrees worse. Turnips, therefore, should be stored and given olean and fresh daily, with corn and chaff. The sudden changes from wet to frost do much harm when their coets are soaked to the skin, and when their skins are thus wet they should be moved about gently when the rain ceases and the rost sets in until the wool next the skin becomes dry. On no account give frosty Turaips to the in-lambewes in the pastures, although lambing time may be March. If the old " faggage" is fcant\}, give hay-chaff wuth a little meal. The chaff should be slightly damped, so as to make the meal adhere to it. But an abundance of roots should always be in store for the ewe flocks of our shed or hovel to go into during night and in rainy weuther, of a size sufficient to permit of the whole flock being fed indoors withmermerowding. Small as tue waber ews whil go outade in dome wet nabhts and in frost and snow rather than breathe the polluted atmosphere within. And it is better to divide the interior of the hovel into pens, and on placeso many ewes in each pen, than to nllow the flock to run about promiscuously through the whole The pens, or subdivisions, may be equal in size, but it may not always be advisable to put an equal number of ewes in each pen. The pens should open into each other, and the shepherd will know best how to separate hardly add, they both feed and reet better when thas subdivided than when flocking together. Thus kept during the winter months, fewer casuathes occur a lambing time in spring. In Highiand sheepwalks the When flocks remain on the hills they require corn and hay during snowstorms, and so do those sent to the lowlands
Mrizch conas timed to calvo during Deceraber require preat attention, both as to dietary and household management. If fattening cattle should be housed in them; and it our milch cows were thus housed and fed on wholesome food, we should herr of fewer mishaps than we now do when they are tied up to a stake in a
narrow sloping stall, and fed occasionally on frosty Turnps, rotten Turnips, dirty Turnips mouldy bay
and straw, with bad water! We should prefer cowboxes to be oleaned out daily the ssmos as horse-boxes, or pulped, with chsfi mad bittle bean-meal, form an exoellent dietnry for newly-calved 60 wg, and for all it will produce rich milk, that will yield butter and cheese, provided always that the cowhouse and daury are kept at the proper temperature, which at Christmas means artificial heat in the latter, and it impossible to keep our farmhouset and labourers' cottages at a proper temperature and free from damp and a polluted atmosphere without artificial heat, how can it be otherwise with cowhouses and darries id cortherm climatea, where success depends upon and in atmosphere, of a proper temperature? milch cow is as sensitive and easily affected as is her mill. And from axperience it bas been found that cow and their milk pay handsomely for all the firing they reguire, at this season, when it is economically used. $H_{V}, B_{0}$

## Motices to Correspondents.

Kobl. Babs: J. We think not. Filer
ROFAL AORTOULTURAL Bociety: Leicester. Get any member to propose you for nemberiaip, or whito to the Eoceretary,

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THE GARDENERS＇CHRONTCLE AND AGBICTITTUAL G，BZPTTE：

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FACTS of INTEREST to the FARMERB．



## II





「TUW N and COC゙NTRY BUOK SOCIETX
BOOKS for the GARDEN and the FARM can th







# ROYAL HORTICULTURAL SOCIETY, 1868. SCHEDULES FOR THE SPRING AND SUMMER EXHIBITIOR TO BE HELD AT THE GARDENS, SOUTH KENSING'ION, W, 

## REGULATIONS FOR THE EXHIBITIONS.

I. The Prizes offered in the accompanying Schedules are open to all competitors complying with these Regulations.
II. Rahibitors must give at least flve clear eldye notipe in writing of the Clisss ore Classes in which they intend to compete, and of the averago dumeter of the plants to be exhibited.

Thus is to be done by fillins un, and forwording to the Superintentent at Suth Kensington the primted forns pravidud for the parpose
III. Cards cortespondit, with the entries will be furnished on the mornins of th. Exho tion at the supt rintend.th onim

Exhibitor, wal ber responsible for the proper pluing of theso ardo, and the mal res that the cards corre th describe the il its
The 8
We socisty cannot correet, or bo reppontible for, mistakes arising from the
nos-observance of this or any other Regulation
1V. No specimons will be received after half-past 8 o'clock on the morning of the Exhibitio

The Superintenderat hus instruetions to refuse wlt Exhibutions which he consuders umworthy of being shown.
V. Oflicens of the Suenty will direet the plit ing of all speremens.

It is necessary that all Fluwers or Plants be ctrelids lobelled wath thar sicnuice nurnes, add, where practirable, with the harne of the coultry wi,whe Seding Flowists Flowers must begr their customary nimes
VI. Only bond fads exhibitors, and such amsistants as may be al.solutely requered for the arrangement of their specimens, will be admitted hefore the do res are cluned at half-past 8 A.l. after this hour no persun will be alliwud to enter, and all persuns must ritre before 10 A w., exeept surh as iday be officially retained by the Society.
 hours of arring ment, and all phasors rbstructong it toll be subjuct to whm 't ite remox al fronte the froten.
Ihr Judres will

The Judses will procent to make therr amards at 10 A.m., beforw whith husu
VIII. Onn prat only mon be iw trded to ant exhibitor an any clas, exeret in the Kiscellaneous Class, and int the case of C'ertificatis granted to $X$ w I'l.nts ant

The Julges haw the riglt of withholding the puze where spe mens mo

## considered

an award.
The Judges will be st liberty Lases of very dudud merit, so lnm $;$ as they do not exceed the wher in calh clans.
IX. All specumene must be the boari file property of the cribiber thes whil not oe eligible ts compete for the prizos, At leastone ar posocsion will ce considerell requisite to conatutute owneribip, of $s$ of plints newly imported.
The dusiswon of the Judges is tinal. Any prize fradudeady
 Council, to have acted fraudulently, will be cxcluded from future itomes
XI. For the Spring Exhibutwhs, chbbutors' pass-heckets will $4=$

Filows. For collections if 9 phants and upwards, 2 passes for lst ante a
Fexh, Natitiona. conlentions
Fir colle th ins of 6 plants and upwards, 1 pass for lat onlenes化保
But no extititor can hive more than 4 passes,
For the Summer Exhibitivns, watudar the Speral Sham -
 Classes contuninir 6 plation
Classes contaming 6 plants and upwards; for list collection, 3 pat
 No exhibitor can take more than 8 passes.
 Exhatitiru to be hatel s J aste -d, for tlat firt day only.

 anthr rised to recine them

AII. In awardme the pri. es the Judge will be ladnenced by corsat Extubition, but all ordinary care will be talren of then.

Show of Hyacinths and Spring Flowers.

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\text { SATCRDAY, MARCH 1i, } 1868 .
$$



## Show of Roses and Spring Flowers.

 SATURDIY, APRIL. 18, 1868
## 

 Rose, bingle ipeecmen, in pot (Opon), yto 100






## Show of Early Azaleas and Spring Elowers.

 SATURDAY, MIY 0,1868|  |  |  |
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## Grand Summer Flower Show










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## ROYAL HORTICUTTURAL SOCIETY. 1868-TMenned

## Specinl Prize Show. <br> 

Grat Rose Show



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## Fruit Committee.





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## THE GARDENERS' CIRONICLE AND AGRICUITURAI, GAZETNF



## 

The Court. -The Queen and Royal family con tinue at Osborne. On Friday morning the Queen drove out with Princess Chistian and Princess Henriette. Prince Arthur and Prince Christian went out shooting. In the afternoon the Queen drove in the grounds, accompanied by Princess Louise. On Saturdsy morning her Majesty waiked out with Prince Arthur and Princess Beatrice, and in the afternoon
drove out in the grounds, accompanied by Princess Christian. On Sunday the Quneen and Princess family attended Divine service at Whinpingham
The Rev. George Prothero otferated an! ainmateret the Sacrament. In the afternonn her Majentr drove out, accompanied by Princess ('hristian and l'rincess Henriette. On Monday morning the Qucen waiked Prince Leopold. Prince Arthur and Prince Christian went out shooting. On Tuesdry morning the Chistian droveoutwith PrincessChristianand Princess Henriette and in the afternoon drove in the grounds with Princess Christian On Wednesday morning the Queen drove out with Princers Lousisa, Prince Arthur, and in the grounds with Prmeess Coristian. On Thursday morning the Queen, neeompaniel by Prince and Princess Christian and Prince Arthur, drove to Parkhurst, and ingpeeted the troops under the command of Colonel Jeffreys.
Princess has so and Princess of Walirg.-The able on Chrstinas Day to attend Divine servico in the church in the park, for the first time since her illness. On Monday the Priace and Princess left Sandringham feecester, and have remamed there during the week 1, Tuesday the Prineo had as day's battue shootine in the preserves of the park next to Lord Nelson's birth-
place. On Wednesday h.s Royal Highness hadagood day's phe Princess and several other ladies from the hall drove out in the afternoon and wituessed from the hall In the evening the Earl and Countess of Leicester and several of the neighbouring gentry and clergy were present. On Thursday morning the Prince went out naxt the town of Wells.

Roval Iisitory to Kyowcley and Liveepool Derince Arthur and Pr, nce Christan will visit Lord invitation from the Mayor to visit Liverpoopted an their stay, a grand ball is to be given in that town THE ARMY.-Mrajor General Balfo
request of the Secretary of State Bor War, C.B., at the the office of assistant to Sir Henry Storks, the newlyappointed Comptroller in Chief. In consequence of Inspector Gat of Colonel Pipon from the office of Ingpector General of Militia, and the transfer of colonel Erskine from the Tolunteer branch to the command of the Military Train, Sir 'John Pakington Feme Militia, Feomanry, Folunteors, and Enrolled It is undentood that Marmor General the Hon head, Inspector has accopted thrs office, with the title of


Chancellor of the Exchequer has notified "that her
Majesty's Government have, after full deliberation and inquiry, felt it their duty to decline the proposals for reducing the duty on Portuguese wines imported into Hortuguese Government as a busis for the negotiation of a commercial treaty between this country and Portugal.'
nine Revence. - The Revenue returns for the year, nine monthe, and quarter, ended December 31 , show a
decrease of $806,055 l$. on the quarter, a decreaso of 771,052 on the nine months, and a decrease of $122,116 t$ on the year The Quarter's Account shows an inerease Crown Lands, $5,000 l$. and a decrease in the Excise of 39,000 ; Stamps 12,000l.; Taxes, $41,000 l$. Property
Tax, 429,000 : Miscellaneous, 128,905 . The Nioe Tax, 429,000 : Mscellaneous, 128,9i5. The Nine
 Office, $160,000 l$; Crown Lands, 7,0001 . ; and a decrease
in the Excise of 715,0001 : Property Tax, 434,0001 .; Misceilaneous, $309,052 /$. The Year's Account shows an incresse in the Customs of $715,000 l$; Stamps,
$300,000 l$, Taxes, 21,0001 ; Post Office, 255,0001 , Crown Lands, $10,001 \mathrm{l}$, and a decreano in the Excise 576,146l.

## Forcign.

France.-The Emperor on Wednesday held the usual New Year's Day receptions at the T'uileries, when Législatif the press Diplome senate and the Corp other bodies. The only replies of the Emperor of Which any report has been published are those to the Papal Nuncio, who represented the diplomatic body and to the Archbishop of Paris. In reply to the Nuncio the Emperor said :-
"I an happy to begin the now year as usial surronnded by
the representatives of all the Posvers. I ana able to affin ni onco more my conatant desire to maint.in the incest relations with
thera. I thank foul for tho wighe enough to express in their name for Frauce, my fanilly
and myself."
In answer to the Arehbishop of Paris the Emperor "Tho prayers your addreas to Heaven for the Empreas, the
Princo Imparint, and myeelp affect me deaply. They ancing Princo Imparin, and myelp, affect mo doeply. They spring
from a noble heart, I know that you do not eparato religious
interests from those interests from those of the country and of civilisation
Count Von der Goltz, the newly accredited repre audience of the Emperor on 'luesday, and spoke as follows:-
"Callod upon by the Foderal Constitution to ropresent tho eagerly desiras to maintain and dovelop more and more the rclations of good feeling ana confidence booreeen Franco and
the Confodernte States. This desire is at tho samne time ormanble to the bentiments entortained towards your Majesty, The Jimperire replied in these terms -
invested at the reprenentative of the confederstion of the Noith, your renew the nasisancos of the friondship of tho King
 exsting botween the two Governments. I beg of you to he
Lo linterpeter if my mentiment on the Kiny. Having been
 and a guarantee for the peace of Earope.p of their proaperity, In the sitting of the Corps Lékislatif on Friday the or M. Rouber spoke againgt tho amemdment of M. Lonvet, "M. Rouber spoke nyaingt tho amendment nf M. Lonvet,



 of the armies of Italy, of Austrin, of Rusuia, and of

 the reserve wulld bo loss olserong to tho pmpulation than an
aidfitional contingent of 10, mon men, which would bo the con

 against 81
Tu the sitting of Saturday M, Ronher, in reply to pist for put by M. Pelletan, said that the new official the 31st of December. The would be published on Reorganasation Bill was then resumed on the Army
"The amendment of M. Pamard permitting the marriage of the reeorvo was rejected, M, Calvot Rogniat muved an ailowed to marry after tho expmation of the sixth year be their service Harshat Niol oxpiration of the sixth year of
claimed the right of the Government the amendment. He for soldiers to maright of the Government to suspend permissilun adoptod the amendment of the Commisssion, askling that lega during tho lant three marars of thight be grantod to soldiers surce of i. Picard'e aruendmont, which pmposed that the daly of zoldfiras of the resarve whilio ous antive sernite, was rofocted In 188 votoe againit 31.
In the sitting of Monday the disoussion commenced on following is acting the Garde Nationale Mobile. The following is a summary of the debate:-
 140 permitted After a long debote the 0 144 to 105 votes that the amendment she
considoration. Art ment to Art \& stipulating that the simp
interfers with the liberty of ctizeas to and
accepter by the Government accepter by the Govemment, and adoped
The Epoque contradicts the rumour b standing exists betwcen Russis and
states that the relations betwen the thi been for some tume past cool mother his been abandoned, aud suys that "tiz are already so far advanced the
expected within a given period."
Spain.-The Cortes were opened on I Queen in person. In the speech fimie to France both moral and matenal ga of the Pope. The Goverament had nex tation to take part in the European co poral power in a firm and legal manar The financial question had been Chamber of Deputies in ifs sittong of Thum to address in reply to the Rogal ghead ellasition obligatory. the provinces in consequence of the revedis tive reforms
Belgiche-It is announced semionsis Ministerial crisis will soon be at an M. Frere-Orban, the Minister of nams

Hol Jand. - Tho Session of the Stale of Finance in the name of the Ktor Stated that his Majesty was abo

Prussia-The Procincial Corrapen Mon article reviewne the preseu The frst are of the Gorermment internal disagreement. The restoration between the Groverament and the finm tion of victory hut from a recogatiot a to, the interests of the countr dificulty now exists in the admatrista every respect firmly united and fulle do same journal of Thursciay says tha have ever been hefore that th Northand South is in fact overon tions comern throw the weisht of her and the strength of the Govermment of new
AUSTRIA - Iccordiag to relable mom mation of a new Cabinet is now ompo Fimperor has made the respective ad to Prince Auersnerr, President of row
 sud Public Worship; Count Agriculture; Dr. Giskra, Minis
 Friday with a special train ands belonging to the ex-Kian of Gangow peror jazimilian. The Aus no enlistments forthe Papula Austris, as such proceedigg polioy Government.

## $x+20=$  thithen of llungary to the common 

tral ukas has been inued diroot He thenues on the Cathindic clens in
 an lames it ts anneumerect that at part cep pate in in these Conference the tiven atout to tow held in St. Pelenere


## $=\square$

$x^{2}=4=4$ $E= \pm=2=$ vavemiz
> $=$ $\div=$ Italair cewtan had mot
The King' o new Mamatry is not yet constituted. General [enalire han filmel in lus nepotiations to obtann the
 pophed from Turin that a fusion between the conemal Menabres sulmmited the teleqram to the Cing, nha then renewell his orders to the fiereal to
rma a (Cintut innor Cordowa is spriken of for the

 in ill oren tunnel through Mont Cents, has ablo hy $1-1$, and it is sad that the French Govern-
lent has prominel to adruce its share of the expenseg
the wry in three annual psyments, the first of
 tho after atten lune mass in the Sistune Chapel
eoented at the latican the congratulations of the colliul at the Vatican the congratulations of the
inper of the lich Court dignitaries, of the iplatitili. Corpse, of the mumincipal authorities, and of
to stat of the Pontifieal army. te stif of the Pontifical army. The Pope made
hort alloxetion its reply. hort allocetion its reply.
Gireme $E$ - letters from
(inistry tendered their resignations on the 18th the ad that the King charged M. Bulgaris, the che of of the artien whilf he represented. in Which the different
M. Bulgaris failed to colfriphth th s task, and it is now statis that the ia nest ( abinet under M. Moraitinis, 1 'resident of
 Tirf lomilimbirsiak whe provisions continue. unged a areat majority at the elections, sid deputie
eing appratters of the Minstry and $5 ;$ belonging to品品mation.
T( $h h F$ ) - ixneral Ignatieff, the Russian Ambasura, by way of Triente ond Vienum Cor St, Potarso apation II de Stras remains in chage of the afairs ine hmiasigy The foundation of a model college Civisy the Government
-then. Lin - Acenunts from Crete, through Syra,
 Ah sin furk are reporterl to have been womtel, Ahser narela. - It is reported at Massowah that the cap-
hanion chains removed, and that there is a hance thelr release. It is also reported that the
in the the Snoheer has surrounded Magdala Her an Fol A Indran steam-transport Malabar, With the

culars of The accounts from Bombay contain rartinn, of the arragnements for the Abyssimasa Expeon. a.l of which have been anticipated by much
 spatch of an Explogof Barmah has susented to the Thn has issued an edict to give it every assithfroction tav ben completed. The ex-King of Oud
is new entearouring
appearing and the of the iste ritlone are fast dasspprearing, as was antieppated A hove ishmol? bas boen raved to rclieve the sufferens, ima hatcha the foverns Al ThiLlA The Thuke of Elitl, wah arrised a


 torin New diggings, which promise well, have boon
abmut in Qumes from at the heal of thiver Mary foner are alread! lowated thene
 whech a large amount of property las beeen destroyed inclulang two tine banking hualdings

Mepresentatives has refused, by 33 to 55 , to auspend the rulen, in order nayment of the Public Dabt in arrancy ezent wher specifind to the due in golu A simalar monolution

 duced hy Mr stecenk, prosidung that ewly a may rits
 Finatee Comamitee of the subate, has reported it 13,11

 internment after telly years, and to be freco of tration).
 dolare, bearine tf ser cent Hoturient, 1ayable it cobil a Iondon and Framkfort, to be mell of exchazged at rat Gir Five-2wentrew, and redeemshte at the orition of the over unth afler the trolidase Prevident. Johnow has
 Triet will be enforcel, but that the hatheas corpus and courcit of trial mury whil the ho fande the resperted. The Messaxe of the Preadent comb-loment- (iellemal liancomk fot his magranumotise

 cibly upon lands unless thay vorg distrabuted among them by Congress by January 1 . The Governor warns that any conspiracy upon their part to seize lands will be disoovered and frustrated. He urge upon the negroce to work and ohey the laws, and colls upon the Ord has endoreed the provlamation, and instritied General frillem promptly to arrest any white men insirating the negroes tis solence, and to and the nish Gemeral to protect General Grant, hy order of President tohuson, has remnved Generals Pope and ond from the commands
 Generai swayno has also been remoped from the head of the Freedneen's Bureau in Alabima. A fisht has decurred between the mitpey and negrom at Albertsion, Georgia, in wheh the shernft was killend (ireal Jesthtution prevails in Lounaiana. It is reported that
thousands are in danker of starvation fhe nekrous t lkchmond are orgamoins a trand revepition for creneral Butler. Thle Gergia "onvention in for the Prestdency The brominent Conmervative it is reported that a fusion between the risal Fenian factions in Aruerisa is belag etfected the President and Senate of have puhblishodran andrens to "the liberty oving penple of Enaland,' "rmed by the represent

 undertah.nre the eotajishment of a Requblic, reason to wish for it as the Insh. Shocks of earthquake were fols on the 18 th with considerable Burlinoton, throughout Vermont and New Yrork as fre as Whitehall ; at Montreal and throughout (anad a from Bellaville to Saulkville. Xew Brunswick, and from
Fort Hope on the west to Three Rivers on the east West INDIEs - The Nem zork, Herald pub
Hishes inteligene from Hasma to the 20th ult stating that Tortugas, nin Tortola, has bee
submengel By the Royal Ma.l steamer Tremamis we learn that there hive been from 20 to 30 oscllations of the carth at $S t$ Thomas every day sinc khock of earthquake oocurred on the $12 t h$ ult, which
threw down several houpes Colonel Pachta had died of yeilow fever at St. Thorass on onand stae steamer Susquehanna died on the keth ult. Ris flag captame ras alun very hat inth.

\section*{citin inirlitgencr <br> 

## ftrtropolis and its $\gamma^{7}$ itnty.

fremateis Itsonthy ug thf meat of the Fraban Covadikat 15 Fibsa The folloming extraurdhatrs slathemet fivent by the latis compo G. ile of luas clenciog




 On Notily an mimation haviux row hed the police fis hol t m mooking on Clerkenwoll Grean, ordert were
fivempelink shnulf not to allowed, and 1 lio




 Ip to dash. lawever, them had nit appeared, but thene u wa denmetration of a wery different pharacker.
 mablen nuareming in milatary formathon harough the of the (inilanthir.s is the manner on whell they marrluad it was ertlent that thes had, av Yoluntomen, oreptired the tra, il.nk of moliete, athed would have beent


## twh Jontroth in 111 Fillomox - (hn Monday the



 crinimality of the prisoners, who were eveacmaly
agan remanded The rase arainst the Deamotrds English, O'Keefe, and Mullany in respect to the charec of treason-felony, was then nyened anc at renuthnned by the additional testimons of two polseeofticers. The ingury was then adi, purned for a week. rivert on the perean who forl in the adjourned Hospral wes resumed yenterdyy, and asun adj marned week, when the paine expeet tor piradice important evidence on saturday morning ior.
 foturd that all the patente wem wromgeon abiy exeept the boy, Srithur Ahimil, whame rymant is
 and dust that haver haen driven monts them At the Mantron Horis, on Wellnealay the Lenrd Mayor made a statement respertimg lise symse expraded in tho relief of the distreas poceas, ormed by the outrage lle said that the commitien has distributed 1 ancol. for the alternation of the immediate siffermas of the monted. and 3 mwi towarda replaying the furniture and tools contributiona, mentionsug, 2s a cample of the cases to be dealt with, that of a famuly of foir children, one of Whemt was totally and the other three jartially

 day in the aroetal were reinforced at 6 oclock until 7 oclock on Thursday moratag, when they wer relioved by a detechment of the Anyil Artillory Adaring the marit by the spopintment of a stoam laumeh, which has been equitped for special duty 10 the river fronting the docky and and arsenal, and the flosting and land powder magnzines along tho river bank. The
 revoivers, and gum, rianged and shotted for mamediate servie, if requiren roreted monounder guns, in nightiy contsining the aoreted the aleam teadmr Duspller of tho Stankes, the creve of which are similarly acmoutrei to take an ecture part in the cofence of the garmson, H. ozecutson. The sweerng in of tbe arenal artivans as erectal constables has had the effect of unditranaily testinR earh man's allemance. It has tranmpired that and the mather hat boru onderent t be mgidey invertic
gated with a view of ascortaining whether such refusal movement. An opinion is entertained that the movement. An opinion is entertained that the Fomians have accomplices in the arsensl who have
furnished information on the position, contents, and furnishedity ormation diferent stores, and which in-
astailability ond
fluence the Fenians in their recent intended attaok. fluenbed the Fenians in their recent intendod attaok.
Protecrion of Hampton Coter, - In consequence of the alarm of list week the military guard at Hampton Court has been increased by a full company of the
56 Foot from Portland, the detachment of Iussars from the liead-ruarters at Hommlow not being suthicientiy stroug in numbers to provide the number of
seatries required The cavary keep to their old posts, the 56th doing the citra duty. The "sperinls," whose omployment we noticed liat week, are still lept on ; the men being all armed with a stout cudich atitnight, principally left to the civili:ns, but at night sontries proaches. After dirk no one is allowed to pass without grving the sist, and of not known lis not allowed to
proved without a guard. Even in lrog Walk, faoing
 guarded, and heavy iron gratings have been placed over the mouths of the sewers. The watehmen and sentried are so arranged that there is a complete cordon round
the whole place, and no one is left unsupported. the whole place, and no one is left unsupported.
Acarm at The City Gas Works.-Greatalarm was cantsed on Wednesday ammeng the men at the ganworks in Worship Street, by the discopery of a smal? parcel of gunpowder near the gasometer. A number were relieved on Thur=day morning by another bateh of constables, fully armed with revolvers sud cutlasges. Ample precautions have been taken by the authorities to protect theee, and all the other gasworks in the city.
The Case of Burke, Cassy, and Shaw.-On Saturday Burke and Casey were aghin bronght up on remand at Bow street, when a thind prisoner, who gave the name of shaw, but is known also as Mullany
or Mulledy, was placed at the bar with them. This or Mulledy, was placed at the bar with then. This Whis the man whint several on the witnesses from Burlatter, who was passing under the name of Winslow, ordered revolvers, percussion caps, and other similar matters, to be used in the Irish rising last spring. The prisoners were again remanded for a week.
ATTEMPT to Fire $A$ Lemter Box.-On Sunday evening a woman gave information that she had seen three men putting something into the letter-bor in that on pution her hand into the s-in-the-Gast, and On the box being examined, several lucifer matches were found, sad the 31 lettars in the box were snotted with vitriol or some other corrosive liquid, the addresses with vitriol or some other corrosive liquid, the
THB Spectaf. Conscianke- It is suid that the
 the City alone, including 700 clerks of the Bank of Fingland, 800 officars and servants of the General Post Office, and secural of the City clergytuon. Several of the more respectable Irishtuen resulent in tho metropolis aro alsn among thoso who bate emerolle-
themsolves. This large hody of special constables are drilled regularly every cyening in each dintrut in the prelituatary drill tatoht is tho army and Yolunteer and about, and forming and nurchinght, left, deep, diatance columan; the Volunteery who have jomed the ranks of the specials being formed into a soparate company for the purpose of sorving as a practical erample to the others.
Mr, Gladstone on Apprentiogs amo Trades Mriona-The folloming letter has been addresced by Mr. Gladstone to Mr. W. Darrah, of Manchester, in the right hon. gentleman's speech at Oldian, condemning the reatrictions imposed by workmen on
employen, employen:-

cat was inflicted on Friday morning in Newgate on sesseron of the Central Criminal Caurt of street session of the asied with violence 'The culprits
robberiez ascompanied, who was sontenced to 10 years'
were Wiliana Turner, were Willian Turner, who was sentenced wo with 39 lashes, and Willism Osborn and Miabael Denwen, who were sentencod to five years ${ }^{3}$ penal servitude with 20 lashes. The oulprits were all
3 oung men, and had bad oharacters, The punishment was im,lutel by Caluraft, in tha presenco of Mhertmun and Snerff Stone, that (inuernor of Nowsite, and the
surgeon of the pron. The oulprite bellowed lustily surgeon of the prison. The culprite bellowed lustily
duriag the infiction.
 The sentenoe of death passed upon John Thompson for the murder of George Frederick Janns, it the last respited. It is supposed that it will be commuted to penill sarvitude for lifo.
The Public Rralter, - The Weakly Return of the Registrar-Gt nerni states that in the weak that
ended on Baturday, December 28,3679 birthe and 8130 towns of the United Kingdom. The amnual rate o per 1000 in London, 30 in ENimburgh, 23 , in Dublin
21 in Bristol, 29 in Hirmingham, 32 in Liverpool, 32 in Manoleater, 28 in Silford, 29 in Shoffield,
25 in Leods, 26 in Hull, 27 in Newoastie-uponTyne, and 82 in Glasgow. In London the births of 887 boys and 814 girly. in all 1701 children, were
registared in the weok. In the corrasponding weaks of 10 years $1857-68$, the sverage number, corrected for inereese of population, was 1918. The denths
registered in London during the week were 1433. It Was the bind week of the year, and the average number of deaths for that week, correoted for increase fore less, by 162 , than the estimated number.

## Pluobimeial.

Abrrdare-A fatal accident occurred on Friday fternoon at the Bwlifa Steam Culliery, in the Aberdare Valley, by which six persons were killed, and four wooden ventilation pipe took fre and thus destroyed the means by which the atmospherio current was kept 0 motion

 brought up for examination on Saturday, when the magistrates, after thking sutne further evidence in their private room, were unanimously of opinion that the evidence Was not sufficient to justify them in commit-
ting the prisoners for trial. ting the prisoners for trial. They were, thereforo,
duscharged, and on their departure by rail were cheered by the people who had assembled at the station.
BARNEEKY.-About noon on Saturday one of the
 tenter and injuring more or less about 30 other persons, as well is dubig a arest deal of datidre to the property in thin numbourhn, d. Tue boiter thelf whas hown main streot, oarrying away in its progress the roof of cottage and demolishing an inn. All the windows throughout the neighbourhood were broken.
Cowes. - The chairman of the West Cowes L wal Grey, oxpressing the regret uf tho inhabteants that the necessity had arisea to take moro than ordmary measures to insure the oufety of the (pleen, arul stating that nuthing would be more gratifyng to them than
to join in any ate or demonstratoon, cither as sperial to joint lu any uet or dembonstrathon, cither as sperval perminal sufety. To this letter, General Grey rephed



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 honour to be the., C. Grex.
DEvORPORT. - James Lisk, one of the labourers employed in the ongino derartmout of Keyhum Dockyard, was discharged last week on account ot his Fenian proclivities. On the previous Saturday he was emplosed with a gang of labourers in luitiug machinery on board the Iaplving guls-vessel. In the oxpressed conversation with has fenian sentuments, and surkil that it monld bave given hum grear phensure to liave been one the number engued in tho Coernenwell outrase, and Enuland. Thay party to binn uparl the churt des in anomar the other lithourere, who calied upron him to retract them, and on bs, refusing to do so they all declined to work with him whilo he held sucis views. The curcumstances were reported to the foreman, when
Lisk expressed simular sentiments. The case was then
 the dockysrd. I.sk is an his ingent
of age, who formerly workdiblel
Sil
 fathory, and has seen about 19 mown


she declined to hare to anysurug to
Flaherty called at hor hoikitis in t
with the poker, and when therkaro
felled her to the ground, and ran uth
was committed for trial ara thate tane o-
ETON: - On Tusday, aiter ming of for the purgose of electun, \& nemphay were the IRev, Jumes Joha Horase, is Culleye, Oxford, anil Hiecond Histar rit
Colloge; the liev. H. Suow
 I'ET: wionsiy. On Saturday mind millir near this tona The or

 tucke worka, wero blown to atoma, $\pi_{\text {L }}$
 is. Lhe hltres in A Ayershama, abse 30
 Windows were broken, and pemnis tieve al
Canterbury, eight milea of, flat nois $x$ Flarmed the whole aiby, Acthouza ? Feenianism had been ourroat or mames:
to these mills, the propriefors, Meak ho whese mals, the propro they here suspicion of anything felonious $n$ and though, like otharas engacet in dr ma boy have had hints and naruugs of ide against it, they hope that, sel as it soingidence of this explostor with 4 an rieties and fars will prove to bea moi


 tity of ratro-gitrorime, foumd at [5nass Wrker-cosercil connter, was conserel a was placeed 131 the bullr The spot chusiroms any hamanh habitatioll. ontothe wis ared, argint blue sutoke rose into the
areport like the rour of arthery. The the explosism took plare was tom ion round, white the tops of an adjoino
clipped. Seven poumb of the compors Cumat on fridets bured but the p
 apjoted, fand atn explosion at once foot ty miles, and the effert of the expoosion mo oix and a jalt fuct walameter.
Hewamolin. - Mr (ilalatone, who
 on Comas at $\mathbb{1}$ wardeck Castle, a treand the grounds. adctuent the eyes. fornea. For a time the state or his medi thr (iladstone and aot mathout doubt as to the coasien and it tine right hon, Hent lanner unimpaired, and that thet ete is no belore the eatddellt. wis made on Christmas-day. havilus recenved 11 formast. on tbat the and foumasteral to a mars it bo restetinese the mian, willer and stri fad been adumasterod to lim by Hasperty, a tmmad, with whom vas tien fovent, but the kouse wa west and fothe win jow, asid lookian 15 $2 n$ in mathe madst of
 Ia a fow manubes Conter ceased then suad le otood there detiant any "peeler" had the temerity to ly unerintendent burest into the room



Leve imatian
 $-25=$ $5 x^{2}=2=$
$2=$ $\pm 2 \pi=2$ yin



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 Ein minnol
 detarh nent of Laneers and a park of artillery paraded the elty during the day，The left withg of tho ozad Hheltitulors arrtel on Wiednesday from the（＇urrazh and the ther wille arriveld during than noght leflat





 Jablin on＇lucalif 1 ）（arrarabolt．







 coplan borson head centre ir the dimirct Helradatsi





 dhemulition shat hat ra an eruenhachs．lerom duen－ timerion，Parts London，snd varbous parts of 1 reland Ifestatem that he camos to this country on a plesustir tone，that ha holonga to the 23 V Voluciter Leomment









 Ur Sullivan Iuale a lows peech，in whilis the ruarged

## Enclanis

 neenstown，whe attacked by an armed band with

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## 占



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$\qquad$


in 1952，on the death of Professor Wrison，he was ohosen to areceed him as Profestor of Moral Philomphy and Polltion Foonomy in the University of Edinburgh．

## ffarkets．

## COYMNT GADDMT

Trade is still dull．Though iraportations of forelgn goode Good samples of Hothouso Grapes are atill fotching fai prices．St．Miohnel Oranges are now arriving in flne con－ dition．Pears and Apples comprise the usual variatien in season．Chestnuts continue to be supplipd in large quan－ tities．Potatos have not altered in prico fince our last roport Asparagus realises high prices．Flowers ohiefly consist of Orchid，Chinese Primulas，Pelargonitum，Mignonetto，Early Tulips，Poinsettia pulcherrima，and Rose

Apples，per buthel， $4 s$ to 8 s Grapes，per 1 b ． 48 to Rs Iemons，per $100,256 \mathrm{~d}$ to 7 g Memons，per $10,2 \mathrm{sin}$
Oranges，new，per 100，ts to 8 se
Oranges，new，per 100，4s to Rs Weln
VEGETABLES
 Beans，Kidney，$p$ 100， 28 to 3 s Beet，par doin，la to 28 Cabbeggen，per dos， 18 3d to 28 Celery，per bundle， 18 to to da Cucumbers，each， 1 s to 25 sd Endive，per ecore，1s $6 d$ to 28 Garlic and Shallots．p． 1 b． 8 d Herbs，per bunch，id to $4 d$
 UIT．
Pears，par doge， 23 to
Pine－apples，per lb， 38 to 8 s Chestnists，per bushel，10e to
Walnuts，per bushel，10s to 203 Ontons，p．bush． $4 s$ to 58
Parsmips，p．doz， 8 d to I Paraley，p．bunch， 2 d to 4 d Potatos，York Regents，p．ton
－Rocks，do．，100s to 1208
－Flukes， 130 os to 160 s Leeica，per bunok． 2 d to $\langle\mathrm{d}$ ．Tomatos，per bush， 2 s Iatruces，pers ecore，is to is ed Turnipan，por buncl 3 d to

## NEWGATE．－Jau．

Best Freah Butter
 3a．8el per 8 lb ．

HAY．－Fer Lond of 36 Trusses．
Surtimisid，Thursday，Jon， 2.
Beat Grean Hay
Prime Medow Hay
－ Imerior do． $\begin{array}{cc}-8 & 846 \\ \overline{55} & 70 \\ -30 & -36\end{array}$

Sup．Meadow Hay 80 to to 90 m

Inferior do．
Infarior do．．．Clover
70

，Thursdaf，Jan． 2.
Inforior Clover．sos to pos


## COACS．－Jen．

Davison＇s Weat Hartley＇ 100. I Lombert＇s Wast Eartley 15s，gd．North Pelton Gag，Its．；Thatield Moor Buttey，
 Original Hartiepool， 108, od，Walls Ead Thomley， 18 ， sold， 45

LEADENHAIJ，AND NEWGATE POULTRY，dC．
The week following the Chitatmas marketa folways an oxceptional obe，so far an regards Poultiry Bupply．Tho quality have tuade hifls prical．Everything has riscon，and wers the trade more lively，Poultry of aif linds would be very darr．The tupplies of game have been small，end tho smuller
 sold readily at from 20．，upwards，when of good aiva．



METROPOLITAN CATTLE MARKET．

The number of Beasta is ratber stnaller than was expected and a good clearance is effected．Wo have 8 good oupply of Sheep for the day，trade is not brisk，but prioes are well maintajned．Cuoice Calres＇are stili scarce and dear．Our and 30 Plps ；froma Ireland thpre are 250 Beasta；fromo Nortolk gind Suffolk，gho ；and 1515 from the Northern and

## Boct 8cota，Here $\rightarrow$

## Berding to．

Boente，3250：Bhear \＆Lam

We have had a good supply of Beetes，and conmoquenty are purchasera for cholce quallition．The number of sheep it

 Shoep， 82 Calves，and is High
Best Scots，Here．$\quad$ Bent Long－wooln $4 \frac{d}{6}-10$ fords ，to
Best Shorthoms
5 0 to 5 d quallty Bentt $34=4$ Bent Duality Beathe Half breds
 Lambs
Do．Shorn
Basts， 1440 ；Sheep and Lamber， 6030 ；Calvas， 136 ；Pige， 180；Milch Cown－

HOPS．－BORODOA MARETY，Mriday，Jan．8，
Mearra，Pattendem 高 Bmith report a continued steady inquiry for both

MARK LANE，MOMDAT，Dec． 30.
Therc was very little Wheat fresh up from Essex and Kent to thia moming＇s market，and it was cleared at an lmprove－ was a inquired after，at the full prices of Last week．Barlay brouglat
fully late quotations．Beans and Pans umah in value． Oats ware fd．per qr．chsaper．Flour mold at axtreme prices．

Wrim，－fina selected rons，do 70 on Red

## 

 －Foreign．．grindingand distillugg 3．5－30 Malting OATB，Ebsex and Suftolk

RıE．．．．．．
RiE－MEAL，Forrigu．．．

 Peds，White，Essex，and Kent．．Boilers 48－48 Sulfolk MAIzE

Tho weather from the \＆ith Jan to the od inst．lais beer partly loggy，but on the whole very tine and eaasonsble．The better thone whach the nuticed as provailing in the trade has maule furtuc progroas，in splte of falr arrivala，and we Farying frum 1s．to 4 s ．gret qr．，catased prixcipally by a con－ panied by a larger business than we have noticed for many do not quote any change in the value of Pcab or Beane．（bat
 marketa；at Birminghatm the price was prit up 3a．Ad ner 16 cargoes，of which，with those ioft over from last wook，
there rematnod for salf 1 ist night 20 crgroces of Whoat
 likewse in bettur destand．Of Maize，Earlegdary and Benns the littlo duing，and for kpring shipment the buadeose is at ath Continent．
The atrivals dunfag the wook by water haru bean ingig nitcant，of fordign whoat modarate，of Burley small，and of morning，and the Ifttlo Engitsh Wheat on salo wes disposed of at ars idvance of Is to 2s．per qr．upon Morclay＇prices，for
 6．d．per 4 r．



## POTATOS，－SOETHWARM，MOAdAY，Dec． 30.

During the pant wonk the arrivale both coastwise and frmin ownan to the dolng．Trade extromely dull at the following cilotationa：
 to 1508 ；do．Rocks，110e to 1200；Kemtand Easox Regents， 140 e to 1600，；Lincolnshire Regents，120s．to 140es；Dunbar and
 Frenẹh and Belgian Whites，8on，to 00 s．


WAST PLACES．－Letters to th H XPERIENCED GARDENERS 但 1
 （1．HR1）N之NER（Ifral）－Seyeman resk wo
 （T ARDENEH（ H FAD），－Ane
 （ T ARDFNEIt（ILEAD）．－Scren quar Ho


 （ ${ }^{Y}$ ARD hranco，thoroughly understatitg Gardeopg


## （ ARUENER（HPaD）－Martied op

 （ ARDE YER（HEAD）－Has a thornd
（ A ARJFNLKR（IEABy）to any Joblanis


 Managoment of Land．Gosd obarch
Hanworth ，Hadieas．
HOREMAN．- Age 27 ． Mobloman＇s Gardens，Good chars foreMiN，－－Ifr．

## Che Gardenerg' Chrontict fletospaper

E\{TTRDAF, JANTARY 11, 1865 ? C115. I 1 11 1 IVPROI



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Piplen, Esa, Managing Emrector, 3 Dar

natinn to be made of Dr Mank, the

## 30nte

Thr Corerr - The Queen and Royal family enntinue Ohnirme on the attermoon of New xars I ay her Bold ats wivo presents to all the servants of the house-
 a exumpaned by all the Rosal family, pro-
ir ounck to the ronme where the servants the Pripecersonalys Price Arthbr, and prince The Prince Arthur ard Princo Christian Sir lohn and Lady Simeon with a The Duke of Bucking shooting there, The Duke of Buokngthe (quern drove out in the morning and
i'rume an? I'rancese ('hrist.an and Princes Lf Ooborne for Frogmore. Un Suoday Q Queen, Princess Louisa, Prince Leopold, In thureh. The Rev G. Prothero Q grounds with Princess Loulsa. Dn In the afternoon the (Queen drove in the and Matame Lansa. IIs Excellency M. Van er arrised on a visit. On Tuesday morie Fits de Weger In the afternoon her out With l'rincess Loulsa aud Madame $r$ Thornton, C 13, was presented to -i,tesl States. On Wedneslay the n the mormmes with Princess Beatree in the afternown with Princoss Loulsa and Madane tan de Weyer. On Thursday morming the Halpale arn de Weyper. The Right Hon Speucer The Privee Anyi Princesa of Wales -On Howni! th.. 21 the Pronee and the other : itors at

 the reet of the ladies, drove nut and lunched with the lre hintiux, In the preninc there way a dinner part and an amateur theatrical representation at the hall
On Fr as the Priat. The Prk, and fiotshed at the Yeterstane Oiser Car out wan open carriage and witnessed the sport. Do
8oturias the Prine and Princess and Prinect Albet Vievir returned to Sandringham. On Sonday his
 mow - Homptal, and visited thre sufferefs from the
 the cotios destrosed by the exptosion, and, on has Her Visraty'\& Thentre On Wednendas the Prince Letunter the Sandringham Da Thareday Prine

10g Princees and Prinos Chrnetinn. Prinoe Artaur, and the Prinow Eenrietzo of Schleswia-Holsham, left

 carnazes
 Whale they wera, on the othar hand, equally logal in their
respecte to the Princem nad Princo Ari .u! (in T' itay mortiol l'rutce Arthur
 freellent sport, I'rime Arilar benticin hanzes it wheh the Mayor of Daverjum weat other ve thene

 Dorkk, the Great Eastern, her Majents shap Jomereal
 they were joined th the Prumessess and Laty Inerhy,

 Mayor and pime pal otheme of the ( orporation lhare
 Isatued havigk numberal nearly sunt
Pazliagentary Moyements. - Mr. William Gowher, sewond son of thes bate Member, was (in) Wednmà elected for weolnoreland wothont "1pmotion
 Saturdyy Sir Jwhn Rant was selzed at his anat, Drie I) Ecc atiack wheh realed great alarma in has lorishap houschold Afmsengers were denzatehed for bir Buatlork and Dr \$3monds, and on Munday marning ha Iordship, although stili serfously ill, was a tritfe bether
The latest news states that a fasomarable channe ham
 reowery

Invy- Cirmeral Sir Alexatder Wondrore General Sir Hew Dalrymple Roon, G.C.B, and (illacral Sir John Fox Burgoyne, G.C.B., have beon -1ppomhas Field Maphlals in the Army

 Hot cety on Thursiay, wath 11 he nesual ferme Thus

Hyan, Bishop of Muuritius, who has recently ar-
rived in England, has resigned his sea. The
Fery Rev. Dr Garnier has announced his intention
to resign the deanery of W Inchester and rectory of
Bishonatoke The Bifhop of Salisbury has nominated the lees Fidward Parvassten Eddrup, chancellor on Salisbury ('athedral, to the archdeaconry of Willes atru
 Tona
The Tietonil ('russ. - The wupen has monferted the Victoria Cross on JIayor Wiliam spottiswond Bengal Engineers, for their gallant conduet at the attack on the Block IFouse at I)ewan-(Gir1, an Bhootan, on the 30th April , 1stis
 hir- year amounted to limi, Mull, and ereeda the mum tiakn by thonk durnug the first week of last year hy th, sholl The withdrawals during the fird week of this
 depositors in one wrek of thar year have been 127, (thni). depostors in onth 85,0002 . lad jeor.

## forcign.

France, - The Montfor of Wedmesday cvenias states that the worik of the Emperor in reply to the conqeatinations of farnurable papression hrouthen
 and Patrie, are to be prosecuted for commentun on the proceedinge of the Curga Lesinlatif, and prohisits unauthorised reports." The distribution of prizes to the succeasful competitora at the Great International Exhibition took place on Sunday at the
Tuleries. The Diplomatic Body; the Minicters, and




V Rouber then announsel that three rolef brize were awarder to the Emp mirs
A1stria for thetr knat oror of Firnciz for breeding, and to the Esupwror of he Frcacin ior


In the ritung of the Corpm Iagisintif on Tomeday M Cirmsier Init upan the talsiee the mapplementary

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 voled in the Clashilurs bilt frlat, a ripori to





 but pirchuluted a lhard The conirts of law had to
 Mia- Refforelle th atm literymelatorn made in the

 interpeliate the Government respecting the edditiona obstecles placed in the Way of the newxpapers publishing reporta The discuasion on the Army Reorka nikation fill was then rearlmed, and reveral clausen were adnpted M Inmbremht's ampadment concerning cases of expmption fram serviee, thruagh oppaned by
 Lise clansen laver te is bern ealoptel imp
 Chamber thell alowurned The Patren ails that Count Fon der tiolts hatlan sntervias with the Marquis de Moustier om Thurslay morning. and that the state of the Couni's health with nat permit in mio tosume at ano hise funethons as Irrewan Atmbassaral defeat

 in the senate The (riveriment, sumal, jut forward two candicater fer thee ramant wath, and the Opposition did the same It Arverts the crovernTont candindate was beaten bil in - wolew, adit at
 which to suppoed to have heenthe cause of their Spais.-The Senate has adopter the ajdress in reply



 cully the taxing of yite comas. hininu coused pupular tumults in Lishon and opwrtn. The Duke de Loule and the Marquis da sa having falled in the atterapt to
form a new Administration, the Kink con fided the form an new Adminitratho has suocreeded io reonntask to Count davisa, who ass

 ance witha relmrt of the Cotinell of 11 matape The




patchod frest oredontiols to the Swits Cinnsul Ge dos-

## THF GARTTFNFRS' CHRONTOTF AND AGRMUTTURAI, GAZETTY:

in Mexico, direntinz him to express the sympathies of
Suviturland sith the Mexicn Repriblic PrTssid - The Prusian, Chamhers re-nssombled o Tue-day, In the uthen of the Chanter of Dephation the menthers liherty of sme h dhuriug dehzte wa

 state of the popeliation in lis at Pruxiti, confirms the prevail thero, but no chses of famine typhus have yet appaared.
AbsTris.-The Austrian frigate Novirn, with
In the rerazios of the late Emperor Mixiuling



 syshom. Herr von H.wner, the M. M. mister of Elucation, ment, said that it was his intention to crapple with
the solution of the puhtic questions falling within the solution of the public questions falimg within
his province in the spirit of the Constitution, and
expected then xo fulfil their futies in a similar spirt
 Autria. France, and Enaland for the extensinn Whila ftaly and Rustia. have belde thenselves alonf. The the-e reerounlurndatulua an mportinnt occurrente. The present exitusis befreen Austria and Italy and betwren .hustria and rance, are of the most friendly
nadure. nature.
Rewith - An Imperial ukase haz been pubhished






 subbecta of the Parte. The Vienna Presse of yesterday,
honever, says that during his recent stay in that capital, General I I natient toik the opportunity of
expressing himsels to several diplomatistr in a peacerul


 or wif hathe.
The three new Ministcra-Cardonn, De lithmo, anil Rihntti-tnok the oath of alloplance to the King on
Sind as evenine ('ount von I wedom, the Prussian Sinflys evenin:- coornt von Tredom, the Prussian Amhesandor, had a special audirnce of the King on Athhysaddr of tha vorth tierman (confelerateon. The cimnt, in alddressens the Kime, said -


 frien tiy riatis
tivaterl with Italy
Kime Wirtor Limmanuel, in reply, expressed his attis

 derabun as presinusly oxmend between Italy and
Prusala. Count von IIomporh, the Bavaran Mi nister, afterwarde presented his letters of recnll, havin,
been appointed Bavarian Minster to Iondon. The Minister of 5 ar has issued orders to send to then 1841, adled out shortly aftar the aocliess of the class of on Wednesday. It was resolved that the disrugsion on the Budzet mbinlal bo plame it rat 'sn the order of tho duy upom the rearamil| $n$ of l'arliamont. isplendirl

 tatika of the [tahan ath Eng! wh Press bure present Speeches theredeavered by senatoy delrian Gmbriant Signor Rattiz7t and others Trasta wepe proposed in honour of the kingz, of tignor Kittazal, of levimont. and of Viples rabenctively. The trial of the the
Catholim of lindedtr. f.r their outmaxe on the Pro testant-, lins int lefin tormanted befors the ('murt

 Mane, $\frac{1}{}$ to in ifeas it ir ins, inisl the reat to minor
 carrent of lays overflustand thr "ompral mones shl skirting the hall on the west and north-wewl, the ended towards the valley of Cercola. ()u Naturday the lava,

northern branch passed close to the Observatory, approaching Resina; the southern brnnoh thok the
direction of Torre del Greco. Girnat manio prevails in the villares on the slopes of tim mountan.
 Autibes Lamion arrived at Rome on Tramply, thus musurg its of eneth to $1+3,2$ men , The Papmat yaves number above ...ina thit in of Courlinal Andrea, dated pue woth llecemther The ('arilual nukk mardon for having gone to Vaples, not withastind ming the yrohibition of the Pope: deplores the scandilal he has caused, and his connpsion with the Fivamanatare newspryper at Florence, the heretical doctrines of whelz he disapproves. He ridheres to the addross of the bishop,
assembled at Rome in June, 1867: witbdiraws has protest agnurt the Pontsical hrief of the 12412 Jute, B6b, and niks pardon of the Poper and all thowe whon he has offended. In spite of this retractation the Pope, nor has lie been permulted to resume his
Thenfires Privctralititrs - The fonvernment has notaned a great marsot: "t the oleettons, $M$, deputies herng supp
IURREY. - It is reported at Constantinople that althougb Russia has no intention of immertiately attacknng Turkey, a Chritian rising will shortiy take place under her an-pires 1hroughout the oltman Etfendi, in coniplanmee with an order from Coustanti1, nple, , ha left fur London. on a missinn conneeted with Cabinets. Her M yesty's ship Terrible lus massed the Dardanplies, carrymg tiso .Irmstrong guns as a present
Candia.- Letters from Canee state that the "Turkish admiral has surprised a Rusian corvette landiup proommander the, and vila her ho blowati. The ommanter of the corvo the Russlan corsull could be oltanned. to whocli the Turkinh admurvi awented. Cre at 1 - Tlye Cluns mail brings detais of the great fire at Hong kong It aseurres brimatally amony the


Jatix-A poatural revolution has taken flame in Japari. 'The Tbeoon has reakned it in *iplopeal that the foremer relations of Japan will mot be prejucursed by the champe. in adjciturnment if the openmag ol the
 the Japanese, between Yokohama and Ozaka. One of the Japanese Dimmos is erestitur at lokulama . stean power-loom fartory, for the manulucture of cotton pieas goods. One hundred lomms aro to
he started as a commencement Six experienced

 mentlis

Malata - a kreat boon hax been ponforred by latok

 the Jords of the Admatraty. has orsammed ac cinteren
 adapted for that purpore. The catabualmont is provided bith rooma for reahang agh refresliment, where gond liquors and refreshments atay be bad at 3 monferato eost, under emrtain rogulations whioh prosule for the inpfort and convenience of the proslor, and at the sume time pecure the preservation antor, and at
fard order
Abrasinia. The followning telegram was received I andon on Wemenedis mgat l'rom Senafe.
The nativer are very frte noy towardy in and spyphes are arrating. Itwe tronges at

## 1 pomiti. It

Ties atablinhmant of a line of telengraph lathern hos-
 appear determived to send a missinn to King Theodore, notwithstanding the remonstrances of the British.
Edinburgh, who arrived at Melbourne on the 23d November, has met with a mosh enthusiastac the entrance the entire oity was deportated, and upon strewn with flowers. Elevpl thoushind children wan the $X$ itional Anthem. At Adelaides onfe tholsant!

 the growing Whoat crop, it sarrt harvest and mat b damage are antuclutel
 from (ireat Bratain in the Whlarm Davie, has premonted to the Accimathation somety it collectlon of akj larks thrushes, blrekbirds, starimes, helitithelles, imed hantet
 (aptain Logan also brought out fosmg berds, but naty


## Cabinet consultation, bes determined to remme

 Genersl Pope from the commsad of the Third Military Diafriet Citelimal Cantsy las ortionel tho srath Inatiry lieneral ioml has mant fonteral (iallemt to and dianontenter mondition of the freedmen in Misklasippt, and the necessity for some national measure to
ordered the arrest as vagrenta of all fredes
refusiun to work. It is reported. that wow
 arolmal It is raportied that diubutano in Alabama, and troops were semp to be No letuls have is brt been reme sed Furginia are commoting iroperty of the thates. wh
irnate desintition is and

## Statem 'Thes corroanondents presail

 white that 3 mom nold of persmos, moth Haneock haul asked pmrmastom ntarying neprenes in repatr bhe labos wifo have arrived at ILuqanbah Orlean* the sercel'ty of the Treasum his using monthly statement of tha ja
and the oash in the Trensury of tha The total amount of debt on tha las

 some dafe was $13 t, 010$ onn dollare, spand ing it decrease of l, (k) oind
innipd a Bril! esomntit in from tas the the
 mang Aprit, lsit? The Militats Coter annte licm preanted a remort, recammats fom the seomatarythis of Wr sentatives has passed के rosolution authira of 54 surplus naval ironolada, The Ohro , is Western-Virgimia Dorioorstic SLate Contre inasell resolutions in fryour of the nommes the J'ser-Tupaty Inted Atates' Bondsan ('intid: - llie Cranalian Parismeat in mirned to March 12 the nuthorithe to


 -inta Antia, stro was expected soon the hando of tho mauryents, und was bone \&umboats of Jmare\%
denies mitomdinz to relurn to Fexien
 dent Loogic/ wits disirmiag lits outer nime alles wert st remethening tuent cordon Thyi The masio on of Shambus (5) slaceo he was disurme - neral Irredomula wi fire has dentrefpl the

## Key ulituen Eikfitent

The Primens Leopoldue gavo burth on the 6th 1ust
(Tity Entelicgence.


## - fitronalíg aty iṭ t

 Reporteptarythe of Dessain Monday that there was reason no Mondiay that there was
Captan Joaser, the Fenam cl
that of Conone) that of Colonet Kell gensetion throughout the comntry, hands of the police Dersey engared himsalf as a about to mail for the Mediterran
 vesmel at I wich rim imil hemig ther appliard to the bingissh cous grokitred hital a pasana Iamel (raanuile alled at itmother Ikalian port, Grrival ar, the liat pari alre thater Wis wotiond by fart til atus of the lut. very peosular in ide crast low riterumatate seampal persur) io make theme rew than beathle alual whem thes foriad that bane notwoth of thae ditn
Gramvilie's mannace thencet, and bo bravado, and became cummuand on the American continent.


 $=$ $5 \mathrm{EN}=$ stier a private exthimetorn hat its


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 bront, tha inference belng that some
lat been made between him and If it light was being thrown limen the

 Tlem, acermisthed by the Ithke Sut, rai, Yifmunt Mamilfon, ind two o ospital, and went through the wards in which cosal.ITris from the explosion were lying. Ki, comistratan for theor combitan, and the find amt




 beir hurt mwolvinz lows of lumbs and ejesfolt,
 Tonhtal, with lose of furniture, towls, and working theterins, or lan many $3:$ (ofo famities in the tammity Wolener of thentio, person, an property fron the


 y. The frot todue Court, th I oreupsed the wango














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 Without first reporhag ins arrival to the Bomior olticer gent up to tho Surrey Cundl and ber arma, consioting of cilif mase entarnug ar rift each, were removed in
Thir Therur Paraze OCCorxoz - It mill bo mammbra
 Londem be fur: lle ficrefowtll explosion, and mades

 tated that thase wan in Father of anoor in dention It aow appears that loe is a yume oricot if the ar ha







 Lon lon abme tume fun, bavius been reathe 1 bo thas





 the Irish question muat be firmly anl lonestly anct and grapjed mith and settied to the just satisfinction of the Irish people Tha true cure for the fensan outbreak was the complete renimal of that inveterate politicai an rxial disense in the state of Ireland whats had exfor toml its riristenie liy tha= nuthrisit. If, it atl they







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 th relume vo Mntuma










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 of the same date has been receivad at Trieste from Zanzibse oatenajhly frons "un Arahian merchent," nat





 Th 2-th of flompatiter, whirh at-it cinteal that onst of


 tal 1 वल वनार्य
tha Thn Pirat flombin mix of her

 wing lige brat jromedant of the jugh warke carried



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 The hen promted by order of the llouse of Commons tiot is that of the eml eflect of etrikes moported oy arades hatons instances are given of cases in whic mostly by frrelan firms, nand the restale





## THE GARDENERS' CHRONICTE AND AGRICITITTRAI GAZFITE

Facture in Leeds everylhing is stififened into tradition \{londing gun was nearly completed for Russia, and and routhne; oldd finhioned forms are adhered to, and
even when an enterprising wool-spinner introduces improved machinery into his factory ho finds that his "hands" will not or cannot work it to the utmost advantage "One result is that the spine uts and manufacturers of Belgium are exporting woollon yarns
and cloths valued at nearily two mullions annually to this country, produced froin wools, a great portion of which are first imported from our colonies into Londou and shipped thence to Antwerp." At liradford the woollen manufacture is oarried on with the newest workpeople, and is consequently a most thriving branch of 1 ndustry which bas nothing to fear from con-
tinental competition. as much as Lecells; but in this case the chief cause has been the diferences between masters and workand net, is rapidly being transferred to France, and unemployed Engish lace machines of toof. to sool. In unemployed Eng:isu iace machines of 1001 . to 8002 . 1 ln and are now in full operation in that town. In the hosiery and carpet trades of the Nottinglam district,
and in the steam coal trade of the north of Enrland, ences between masters and men thave beenent of differences between masters and men have been established, and are works.ng with the bappiest effects, so that the hosiers of Nottingham compete successfully with the extremely low-paid labour of Saxony. In lace ourtains there has been no decline at Nottingham; in fact, quite
the reverse. The success in thin brench in the reverse. The success in this branch is due to tho
excellentlocal schoolo ofart. Mr. Saruelson sav beautiful excellentlocal school ofart. Mr. Sarquelson saw beautiful
designs by pupis of the school, whicl were being exu cuted in one of the factories, and h he was informed that the English patterns in this branch are preferred to those of France. The thriving lace factories of St. Pierre les Calais contrast most favourably with the de-
ceaying establishments of Nottingbamm. most successful Calais manufacturers said to Mr. Samuelson that the Nothnnabam lace-makers had relied too much on their acquired postion, and had censed
to give that close attention to details without whit the lace manufacture cannot be carriod on. The construction of British engines, is still almont a monopoly in Ensland but in France it can be
 Bays Mr Sanuelson, "I fours. Mar instanee.
tires or hoor
Sthe iron tires or hnops for the mbeets of locomotive engrones
made at the great Yorkshire works ranged in price
 Quasity and of corresponding welpht rad size but made in
Prance, cost only from $67.3 s$ to $13 l$. $4 s$; ;and I have good reason for stating that the routine and prejudices of our Tailway superintendents alone prevent the latter from Jaiway superintendents alone prevent the latter from
being more extensivels introduced than they have set
been Creuzot the coal and ores are raised on the spot, manu-

 1 iron ore. The irowworks produce more than marine iron of bridges, machinery, locomotive, and gutbboats and river steame rs, of an averase yearly value
of f $f 00,0001$; ; 9950 ) work neople are of Creuzot, and receive in wakes the sum, in wall, of
 to a duty or 10 on-horse pown. The machinery in use ances for producing perfert work, or for econompising the cost of production, linve been omitted, aud the great forge is "probably unequalled in the world." nucal-have been established in connention or terchForks, and, by means of these, unfailing supplies of Skilled, scientifically-trainefl workmen aro subtainod. Company, and saw the process of manuracturing Bessemers steel lrom the iron ans simplifination of of the Bessemer process, as compared with thin practice in
England-which involves such economy
that Terre Noire Company are such ecoonomy, that the French raitway eompanies with 20, oten tons of steel spite of comparatuwely dear fuel and ores. At these works no precaution is omitted that success may be upon with as much anxiety an if the great are lon works
was a chemical laboratory chemical daily analysis of Bil the raw material and
products is one of the conditions of the success of Terre Nnire in their manufacture. At the steol tion of the making of uteel is followed, and ateal rate. The ingots run from the furnure are simp rolled, and the raily produced sre of so are sinnply quality that the waste ends are are of excellent turning tools and chisels, withont being works for or hated to any other process except that of "tilting" or hammering. The works of Terre Noire and Firminy duction of ordjasry steel. But the most marvellous in the Wupper Failey, Westohe of Krupp and Essen 800 or 1000 tons of coal per day, mased trom consume the walls of the coal per day, rased from pits within coat of the coals being less than 5 s , per fon. ${ }^{\text {and }}$, The magnificont products department is as perfeot en the expect. The range of the worlss would lead one to ith kind unparalleled in crucible furnaces is a sight of Mr. Smmueliong work $\begin{gathered}\text { nais, Bockum, At the time of }\end{gathered}$

THE GARDENERS' OHRONICIF. ANT AGRICTITURAI, GAZFTTE

Forst- 3 Ibe (cits of handon for upwards of whe









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Bextey of lan lon refirred to it several timed in



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PopisfII I IW STRFit-It is propised to make a C. Kunt strme, tlironklt At Georke's Sew Tumb,

 Frields Burial Ground.-On New
Buhill Tichly Burial Ground fell intat the of the Cimporation by and Ant of lasi
 grouns, lay out wa,k, and breserve the hambpublir ind ler proper regulations
 muvian a valuable series of drawing- of (irech
Rommy moles to be found in siman, Friter.

 \% 7. in i finvernment, the Board of Conserva the N win Fishery Distrirt reeently gave per-

 kry is 11 , thon, whow. 1 at present unknown
 re rirer Trme ardrybutary of the Severn, withon twn ding milim of Worcester An abundant supply of
 d, homtwer, that the ereater portion of them had
dy inved The few uaspawned fish were strilperatal dpon, and then returned to the river
thanaid of siawn wero secured and wuregth maiad of spiawn wero secured and mpreg-
w. m. no from the male fish thas hase alug obran. 4 from Scutland and Ireland, and to-day hip Celestial Queen will sail from London with as ove from British salmon for her destination.
Hear
 numaras tise lowk liot is made un os. yri heenved bletuailers and becr-retailers,
 I ronforl oners, 10 fishmongers and prsilterers, inghomas neepers, s corn chandleers, is marimeronmongere, 3 ham and beef ledior-. 2l sthar chant-, - rom merchants, 1 flow $h$ loal, $r$. In,su : tinl merchant, l soapaaher, at, 1- remeral
 Wh, Whit towa a decrezse for the paat year of 68 .
PThlic. HfalTH - The Weekly Return of and on Aaturlay, January that in the week that as of the limed Kingdom. The antual rate of
 erad in, the week. In the corresponding weeks
10 Feara 1958.67 . for ArA 1959-67, the average number, corthe fir lon jon durnng the week were ffi 4 A It

has far*: Week of the sear, and the ayeras

## of mopulation. was 16 sh . The pimathitas folurn is there fore less, by $2 t$, than the estimathed tumber

## Brovinctal.

Burserte On Prolay mind sutumar two of the


 herod of Staveles on Folisy memang Joseph Bearloham, or Beeveler, at furnin e-mato, wiss suppre
 equls other, and liad sumet on sebi rail ine samons in theo
 aso Hessdahaw, with otherts, was tried at the fumbla Assizes for n.sht prathomg, when the judize made semt very atrong rumarks on lise unduo keverily umed by the keopers, and let the men of in oomparuence, with a vary short imprisonment. In oonmeation with tho susultine Theurdshis 's fathor, whome honsen hesempelimi


 primotivers in oustods wern brotight before the maxiatritex on vornday, wher remanded for a meat Lord II narbulitfe has mate ample provision for ther famaly of the deapased keoper
Hoil Tin An amportant anti-Fentan meelink was held $1 t$ thas fown an siundas prening ()ne thotisamil lraslinsth amd Ifoilan ('atholice wore proeont, and rembutions wera umanimolish pasand siromply expresamiz the utmont. loyalis to the Thromoen ant expresariz the utmontalloyals to the Throme

 grontlesmon, have forwarded the following memorial to
the Irehbsoup of Cianterburs.the IrchbisLojp of Canterburs.

1. betore pathementa and


 manual we submit to your Grace there in abundant evidenco Chrirch. The Sacrament of the Lorrlio fayper is thercujpon








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 grateful terms of the privieges they ebjoy through his mink that the bulk of the congregation are dissan infiod with the existing onder of the serviges With regnerd to the Rucharisitic Mammal given by Mr. Murray to his partshionera, doptrid of the f'htureh of England, athd biry sifromply nibjerta to ita ripmatation in has dionowe Itic memotialiats, no whols he thus mowatem



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being efirted at the C'irkom firir hathog plame of than






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 not paying his passage. The bench ined tha prisoner 20. And oosta, or in default one montion imprisontraent rupposed that the rest of the confoderaten have gono Kivererland or Newmatie



 mislit passmi withont disturbanme cha Monday and
 be renaly for sarviee if realuired
l.EEN The maisstratas of the inwn have rosolved in ajpmint a Koman (atholie rhaplan for the borough

IIfIIIFIN - Iftar the ceremant of enthromeng It


 went in procesboin to thr ernandial tane, and preented the bishop with ant a dirent if wodemes spection


 bishop, in reply, sand the reforenew was rather a hosd



 Manchester The arrest was regarded by the police as one of an important character, as Chwmbers whe looked to eontend wrth in connection with Fenamiaml, AMor his arrast ho wan convoyed to sancheater, and, wher esulence agant han beial uncemplete he whs Findint, howners, that af way dayasinco for Amencal


 up to the lash manimot, and the corisen fence wis ithat

 Condif by a kperial trash, whi h luft that wann about haif-pant
the morning. They were in custody of the Chie!
Contable, Colonel Ininday, and astrong body o police,
well armed, which was auymented en route by another well armed, which was aupmented en route by unother detachment of county pohioe. At Merthyr the whole
available force of tine district had bren called in, available force of the district had been called in,
and marched to the statan to receive the prisonerc. snd marched to the station to receive the prisoleres,
There were harily $n$ itopnin people about the streetz,
 station as quafls os nolimary prisoners About halfpastinary tram, ery wis of people went to tlie station, and were $u r e a t l y ~ d i a d j u n t e d ~ t o ~ f i n d ~ t h a t ~ t h e ~ p r i s o n e r s ~$ were already in court. Is if apprehenswe of an attack,
the Irish people, as i rule, kept out of sigat. Coffey, the informer, arriwed by the first train from Swansea, and was guarlel by six policemen to the court, His examination occupied four hours, and at its close
David Bury, Thomas M Mahon, and David Cochlin were discharged, as there was no evidence to justify thoir detention, and the remaining prisonera, 11 in all, Were then romanded till the gth lnst. The greatest excitoment was manifected tin see the prisoners

 expressing abhorrence of the outrages at Clerkenwell and otsewhere, loyal attachment to the Queen and her throne, and disapproval of Fenianism and all other secret societies, were unanimously carried. There were about 500 Irishmen present at the meeting, which has already had a good effect, as showing that the great whth Fepandisn. lufurmation has rot berome tainted of a character which leases no doulst that laad the Dowlars Carcle been alowed to lave ats own way a fow Weeks longer, something of a desperate character would havo been attempted in a Wrell country tonn not very far oft.
MIDDLESBOROTGH,-OD Prirlay night, as a man Tas posting a letter at the post Office in this town, he picked up, and found it have the appearance of powder picked up, and found it have tho appearance of powder
cartridges. He flung then dowa, trampled out the cartridges, He fung then dowa, trampled out the
fre, and took them into the Post Office. The postfres and took them into the Post Ofice. The post-
master sent for the police; when the manterial that had maaster sent for the police; when thematerial that had tubes, 4 or is jnehes long, rammed hard down sith powder, a fuzee being attached to earh, and all tied hard together Letters of warning har previonsly postmaster, stating that an attempt to blow us the post-oftice was to be made. II xd the mockets tren thrown juto the box, not noly would the letten in it have been destroyed, but the box wrould have been blown to pieces, and the clerks in the office explosion. The police have got certain information, which they are making use of to trace the perpetrators of the outrage.
 that the troopulify H moldos, whom left the found on the previons alternom wath som artalersmen and 1 'o
marines, for Dubhn, hal broken down of the marines, for Dublin, hal broken down of thr Dodman
throunh defeets hn her machinery. The Port- 1 dmiral immediately despatched the iron paddenheel steamvessel Bann to lay by her daring tho nieht sha paddlewheel steam-slonp Buzzard followed in the evening; and the stean tug Trusty, and prddlewheel steam Jacht Ilack Eugle, Were to have left yesterday morning sith a alpply of frovinions for the use of the
 not required, or the Coammader-is-Cmet at this port
recoiven a telegmm from tho lords of tho dimiralty Festerday annownung the safe arrival of the Himalaya at Cork. Tno sermen belonging to the receiving
ship Canopus, in Harmoaze, are under arrest on board ship Canopus, in Hamonze, aro under arrest on bogrd
 dency of Caft. Sey nonur, was licll on Monday on beard
the fictory, for the tras of William Rearl, orduary seaman, serving on board leer Majestys ship Ircesistible, stationed in Cowen Ronds. Tho prisoner was one of the crew of the captan's Ealles, and on beima orrlered to join the buat arnd arm himself with one of the rerolvers whech had previously leen loaded and issued for the uve of the crou ind proceed in the bont
to row zlons the howe off ()aborne at lo orlock at night, be refused to ohes the ordtr, derlinong to give a ngat, be rensed to ones the oritr, derining to gite a
reason: but on the followiag day, on the quarter-deck,
hestated that "he would not take up arms against tha
Fenians ${ }^{33}$ The charge was fally proved, and the prisoner was sentenced to five years penal servitude,
Thich also involves hes dismonsal, at the expiration of
that period, from her Majesty's service with disgrace that period, from her Majesty's serviee with disgr

 open the Hendon i un lock and wili be thet
 shortly after a riflok on Saturday morning in that
 heard, whill Lutid If a fet seronds, and bois was windowz shemk. f Tintinhullarlstohesub-IKamdon the shock rearemhled somethung flyms ripuily past the windows. it Fiast 1 , unhrook the houndesperared to shake, and pemble wore awoke by the ratilane of the
wndowa nind the furnotare in their bedronms Simiar Eoises nere heqra it Mu helney and Kinushors it
 were disturbed in therr beds. At Purry Rival one Fontlemgn describes it as berng raned twice in his bed, the fhock pascinges it as bemp with a whistling cound; another
as if the chureh tower had fallen down. One gentle-
man had various articles on his toilet table thrown down; the doctor's witch stopped at $510 ;$ several neople had their curtains shaken, and another his bed.


 The 2 nud of November,
her hutband's s13pper,
Tho evidence given reiated chiefly to the "whereabouts "on the night of the murder of Edward Candintimate, vho, accordiug to the evideaco of tha motloer of deceased, called to see her just after she left to take the suyper on the nught of her death. The testimony of the man himself and several other witnesses, how-
ever, proved that he was in a public-house near his home during the evening up to a little before ten. The esudence threir no susplion upoa any one, and a ver-
det of Hilful Murder amainst some person or persons ank nown whs returne. ?: and thie jury recommended inhat the secretary of stite shouli be memornaliaged to
off r a yenard for informition that would lead to the conviction of the murderer
Whitbern- - A great deal of angry feeling has been excited in Durham with regard to alleged false lights being exhibited on the const near Whitburn. Masters suddenly castupon the rocks of that iron-bound consts maintaned that they had been deroyed there lay luats which they mistook for Tynemovilh, and the whabitants as anerily denued that anythine of the sort could have haprened. Three or four vessels havme instead of reaching Slitelds harbour, to which their masters thought they were besog wuded by the lights, and the masters hasing alleged, as
the others had done, that they were decoyard the others had done, that they were decoyed
there by lights which they mistook for Tynemouth, Captain hirhy, of London, being on a visit to his friends in the north, determined to explore the comst and try to solve the mystery of the loghts In the in Freshwater lany, near Souter Ponnt, and thoush then ummliabited, lie discovered trices that it had reently bee noceupied by some one, snd upon looking up the chimnty he found a plece of wreck timher about two and a half feet in length, but evidently broken off a prece of much greater length. On one end of it yas a mass of rope yarn, pitela and tar, simitar to a pitch havine been in the water. Ita tomk it to Shemeld and gave it up the secretary of the Ty ne Pilotage ('ommission. The subject ras brought before the lioard resolved "sing on Friday last, when it has innanimounly Cosstguard, and the authorities of the county police, be drawn to the discovery of a torrh of a muspicious
 mantamel in the lueality.

ing, convered by the Roman evening a public meet held in the school-room batholics of this city, wa Church, the Rev. II Mshon in the the Catholic Churrl, the Rev. II Mahon in the chair, at whicl resulutions denouncing femanism as a secret society,
protestog agniost the outrages rerently perpetrated in London and elcewhere, and declaring devoted alleginnec and faithful attachment to the Sovereign and const tution of these Tealmas, were ananimously arreed to.

## Exeland.

Rrinforcesienta for Ireland--Two batteries of Roval Artillery from lly mouth, the and Battery of the 13 th Brigade of the Royal Artiliery from Wool-
wich, with lis) marinc- from the $l^{3}$ ? mouth division, left Ply mouth on WedLesday for Dubliu 14 the stean transport IItmalay
Rosbrhy uf Powder at Cork - The late Feman robbery of revolvers was frhloweil on Suturday night by a robbery of pow der. The magazine of Mr. Murray, agent for Messrs. Curtis and Harsey, punpowder cily, was brese situated a churt disiance outside the of 10 ewt. of blasting powder, was carried oif. Neveral persons mast have taken part in the robbery and removal of the powder, for the store was strongly
secured, and three doors, one of iron, one of wood, and ae of copper, had to be forced open. Besides these, oontents of the magazine oould be reached. No clne rubbery, but two half cacks of the stolen eumuosscle were discovered on sunday buriml in a market marden adju west to the mazazine.
 current list werk rempectine tho allagent Fentan frivateer whell bad been wen off the Irivh comat are supy nsed to have arisen from the appearance nut the a, hithern const of an expeodingly rakish-henhiter bound from Nan Francisco to Cork. She was oumhauled three or four tures last week by different shinw of the Royal navy, in consequence of her great speed and susptcious appearance; and whale in clases of her The other dry, the steam ram lesearoh ran upon the Her powerful steam-pumps were immedistely motion to kren her affnat, and she conntinued the sersut uuthl the barque had gained so much upon her that it whersue uselcin. She then returned to Hauibowline, repaired. On \&aturday might, a launch from her

Majeaty' ship Merzey, with it on Monkstom, counts Cork, when by the boat discharged a platol nomers mintered the manelomed the The obliner and
woncl nifl cratimel it anked
 Barrack, nurir Suhtrig a seltm, gre the ward uhen it turned out the
on the wall next the eanteen ing to the place, obserreed s numble
rose the freld in the drenton ? given to have sentrie
barracks in future

ATrirkg on PRIVITE Hotam
 dence at Ruhron, Carma, a tory nely
 nis state. His housclerper was bed by the pernetrator of the outenge
masle on Siturday nicht to Captain Otis? of Catic Otras quentity of culup.nwder ras plac: Ther, and an exilosion torls phen No ranse van beanifocd for thesif= A SEATRE AT Limerice Berbig It is reported that on Thursdyy met Barrack w, was fred at from Thomeind 5 and 8 o'clock. There was s bee enablel ite nasgscin wan the enable been removed
taken in tho burrunks what proase to he the object of sucpicous attetion is stle.
Arrestrat Corh - Some andet at Corrk, but no inpartance is stuam
the polse lave the polse lave hitherto fayled to deal
many imericans known to be tata The four men committed from treason-felony are deseribed de Coling Kelly, Whward Fonn, and John Bats
 made on Thurstas uight mo Duble prisemer is Lemsen, aud the gharas rivestigation circunstances mid be ? that the cepture is in mpornaw leader of tha faila 511 rimank and to
 Wa nsued ons We luesalap, at the sciin
 magistrate, to ghors ralse mhy a shat paper of earta is eehitious lives headerl "The Holorak at," fromp prys the Mauchester executions, de copiel from Ansericat papera pibisols.

Fenian Salfs of Ibish Proutd - A Cork paper states, on the subv? oxtensire tramuctums other side of the .ttantic on "heop Rejuble," and that its inform anction in New fork wiere propho
 STAT: day falling into the hand STATE VIETT Mayor ef Duhlun, Dr Currult prow Catholir Catheultal, Marbomued ser and accompantad b
the Mansion Houre, and
Cardinal Cullen, $n$ ho
Revolution of I is
an Act passed in a receit cesomin th hs a Roman Calluitre Lord Sepor h) Mat susht- hat been obe
creret =ovicties and aso
able and eonntitutiontal condurt Witrems
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## THE GARDENERS' CHRONICLE AND AGRICULTURAI, GAZETTE



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تt TY'RDAY, FEBRCART 1, 1868.

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## Greonhow 0 - Eatin Apparabin.



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Workm Tigkigete keraet, Bumbinghem


## GRAY'S OVAL TUBULAR BOILER.

nnternational exhibition, Chass IX, No. 2119.
MR GRAY bogs to oall the attention of the Nobility, Gentry, Nureerymer, Gardenarn, toos to his NIF OVAT TUBULAX BOILEE,
IT mowledged by practical judges to be a great improvement on every form of Tubular Boiler yet introduced. y hathrored itsif superior to all other Bollers

Exfati from Report in Gardenprs* Chronicle of Internathonal Behthaten, May 24, 1862, page 476,


 ta tho fonte in impromement.
tio They ars made of all sices, which, ecth prices, may bo had on appliastion.
JAMES GRAY, HORTICULTURAL WORKE,
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PORTABLE AND FIXED HOT-WATER APPARATUS,
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 muh Lnnva.ies atisfaction, is a guaranter for whill of tissign, eupernor materials, and good workmanship: whie the
 His will, neatnees of appearance; RPFECTS $A$ BAYING OP 25 PER CENT. On cont of $\triangle$ pparatus frected Bpared with other fyatenay facility for extensiones, Alterationt or removit without injurs to ppipe or joints,
 مivernd to any Kallway Station in England, and Erected at the following prices. Erection beyond 25 malea of andon, milway fare for one man addtional. Canaiderable jeduction on large worka.

TWO FOUR-INCH PIPES ALONG ONE SIDE AND ONE END OP HOUSE.

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| 29.0 | $2_{2} 1000{ }^{0} 50$ feet hy 15 fret | 20 |
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Hath and Gas Fork ereeted in town or country. The Trade Gupplawi.


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 Hole Londor Agonth Rakton th Winor, 1 monmonere Ec,




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## important to Gardeners．

faris dniversal exhibltion prize medal or 186 GAYNOR AND COOKE only，for excellence of quality KNuTES YLIFE ard PRUNLNG SCROSORS，to．－the Digh distinction thu awarded soowing tholk supariority iver all oithe

Can bo bought of all Nurearymen and soedsy
Lstralished 129 yenrs．Corporate Marle，＂овтAM．＂ None are geaune unlass marked hayvor，also Оatarn Warrawizd．
TAMES Glass for Garden Purposea．
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WITH OPEN TOPG．

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 SHERT And HOUGH PLATE OLASS，SLATES of all alve




## Eorticultural Glass Warehonse．

THOMKS MYTLINGTON ANDCO．，












 STUCCO PAINTS，COLOURS，VARNISHES，\＆Ce


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 GHOLNO PATENI LRA，



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in in ORCHARD－nOpSE SIEESA

For Grottos，Oryamental Hockwork，Fernerios， VIRGIN CORK ou SALY at 10 c ，per owt，by the Thamondon and Lathon cork Wood Company Limalted，2\％，Uppe

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THOMAS MILLINGT日N AND CO


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＂Every Cotzage auould be provided with \＆Wator Twok．＂Dioraéti．

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H．BRABY AND CO．having laid down extensive and



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## Heating Apparatios

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HEW SERIES. Fidited by B. S. DALLAS.

## $0 \mathrm{~N} C \mathrm{E} \mathrm{A}$ WEEK.

CONTINTS of the JANTARY PARF-price HILYEPNME.

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## Wimchicrait in divos.

OFFESBACHY MUSIC
THE FIRESE MISTC TKARD AGAIN
 THFOTCHI A MATCII ACTORT
PRETTY A ARL ATHEA
T A ATF. TILK

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## FOUL PLAY.

By ('H.IRLE READE and DION BOUCICAULT

PRICN NINEPENCE



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 Rovilurghe, and drove nut un the askerroom w, 111. Prom.
 fietto of Sclalenwig-Iolktrin On Salurdes mornune

 Pinco Clristian ${ }^{2}$.
ar London On s
Ruyal fomily allend : ?
 the arternoon onth Roxboce Artaur. Un Tuecd morning tho Quean walked in the grounds with
 Princerar Chrixtimn and Princous toatrice. Prino Arthur and Primen Christian Weat out hhoolnge onpu yint. On Wifeduaddy ibe Quicen drove out with Princem Curiatisn and IVrincoen Louisa On Thars-
 LHE PRIKCB AND PRICCBas or Warise.-The

 Six-milc Botiom. On Sunday the Priuce and Pripceas
 Roral Hithnessers have been cultertaininga large and





 the Treaury, mat thunini, Strect, Another Councma





 candidate, when sir s Mlamon Peto rrmphs lis wat, Mr. J. Wo Miles, a local banker, an! whe of the directors of the Great Weatern Lailmay


 MHL Bhif PRAC OF NATAL-The consecratuon of Ital. wrin yas announced for soturday last, did not
 of consecrating en mew bishop for Natal in England ahandoned. The Arelihinhep of Yorkint weth following the exannple of the Bichop of London, addressend
a lotter to the Bishop of Capetown on the proposed



 4 :ubly


## dForcign.

France.- The Monteur of Monday publishes France. According to this statement, on the tst December,
$936,000,000$ francs. In
foating debt amounted to
dits control, the recepts deficit of $26,6 \% 0,0(H)$ francs as compared with the estimates, Alding to this the extraordinary
voted by the Corps Legislatif on the 31 at $158,000,000$ francs, and the cost of the expedition to Rome, there is a total of $189,000,000$ francs necessary to cover the outlay for 1867. The report details various Budgets of 1868 and 1860 , and concludes that supplementary resources to the amount of $82,000,000$ francs will be required to be shared between those two years. The report points out that it 18
necessary to reform the war materael and the fleet in the interest of the defence of the country and of the national honour. From reports submitted by the Ministries of War and Marine a sum of $18 \overline{7}$, mon ,000f. ought to be devoted to that object. It would, however, be illusory to suppose that these resources wnuld suffice to cover every requirement, but as regards the war matériel every essential would be therewith met. The
details of less urgent importance would be completed in proportion to the annush resources. The report concludes by proposing a loan of $440,000,000$ f., which would meet all exigencies. The funds in the army dotation chest are not disposable. The loan will be negotiated hy public subscription. The report propmest to divide In the Senate on Monday the debate on the Army Bll was resumed. M. Brenier said that he did not think the Bill ruflicient to assure the independence
and influence of France in Europe. General de la Rue anpported the Bill exclusively on malitary krounds. Maporter the Bouland insisted exclusively on military Brounds. law would not weigh so hesvily upon the population as the newspapers asserted. In the sitting of Tuesday the debate on the Army Bill was continued by
Admiral Willaumez, who delivered a patriotic Admiral Willaumez, who delivered a patriotic speech which was received with applause. M.
Michel Chevalier spoke in favour of unisersal Ware which he conudered prohable in the fiture of the Bill, statine that it wonld place France in a position in which she would be secured from all to 1 , the solitary dissemtient being $\mathbf{M}$ Missed by 128 wotes In the sitting of the Corps législatif on Monlay, tion to Baron Hausmana's srheme of earrving opposiboulesard through the cemetery of Montmartre M. Genteur, in reply, said the cemeteries were by no means threatened with expropriation. In the sitting II Tuesday the order of the day was adopted, on sitting of Wednesday the discussion to 100 . In the sitting of Wrednesday the discussion of the Bill on the Press was commenced by M. Pelletan. In the stttong
of Thursday M. Thiers said that there existed many of Thursday M. Thiers said that there existed many
suhjects which ought to be prohbited from discussion by the public Press, for instance, the bases of soclety and matters of private life, and in constitutional rountries the Sinvereign was shielded by the responsi-
biluy of the Ministers. But beyond those limite all acts of the public authorities were open to discu-sion. It was inppossible to define exactly the offences of the Press Notwithstanding the 1 mprovements proposed
hy the present Bili, the liberty of the Press wonld stull remain in the hands of the foternment. Ie conrifuded that it was advisable to grant full liberty to the effecting that object M. Pinard, the Minister of the "Tho Press Is
is \&ind ant ovil
towiams Flolence

## says

Iut of the fori The elameter of the Izill wot of individuala,



 of the loxtcal congenuences of a chnatitutam capable of improsement, and reconciled the natimal nime ernent thwads
propreas with thin inatinct of premervation ind with the con Bill extended and did not reserict the prominen of the loth . woild find the Graverament futrackere behin ? the Inw,

Lortace of cominliatory disponitions and pacific symptonsis.
 gramd manirat ermantiand peoplea reflect, the more will they
intere*t and their duty"
The workmen of Roubaix have petitioned the Emperor o abolish the treaty of conmerce with England, on the ground that it is bringing on them distress and ruin. The responsible editors of the ten Paris newspapers Whiph trere prosecuted last week for having Lublished ulegal reports of the debates in the Corpaor six months' imprisonnent, in case of non-payment of the fine. They are also condemned to pay the costa
of the trial. The editors have resolved to apneal against of the trial. The editors have resolved to appeal agaunst
the judgment. In the suit brought against the Courrier the judgment. In the suit brought against the Courrier
Francais and M. Leon Mires by Captain Perrin, Francass and M. Leon Mires by Captain Perrin, 1. Mirés 10 two months' imprisonment, and a fine of M. Dubuisson has been sentenced to a fine of In a second suit $M$ Vermorel has been sentenced, by default, to two months' mprisonment and
1000 , fine, snd M. Mires to one month's imprisonment and 1000 . fine. The second sentence of imThe brimands Coda, Quaranta, and Nardi were executed at Marsellles on Monday. Nardi and Coda asked pardon for their offences rom mearen and man, ant died courageousy. Quaranta maintained silence. The mentence on Mulaters is reported io have been combut no manifestation of popular feeling took place.
Spain.-In the sitting of the Senate on Friday, the Government presented s Bill proposing several reforms
of the existing laws relative to concessiong granted to companies for the execution of public works. The discussion of the 1311 modifying the law relating to mines commenced on Friday. In the sitting of the Chamber of Deputies on Thusday the Minister of Finance brought in the Budget, which shows the $2.8,200,479$. The Minister asks authority to effect eductions in several branches of the expenditure. A decree has been issued, granting the Royal pardon to all persons under sentence for participation in the nsurrection under General Prim, except military men Who have not surrendered for trial. Letters from Aragon and Catalonia are monimous in considering probable a speedy Carlist rising in those provinces in that the widow of Don Carlos has formarded $.40,000,010$ reals to promote the movement.

DExvaRk - The treaty with the Vnited States, relative to the sale of the Danish West Indies, was finally paseed by the Landsthing on Thursday. Both Chambers of the Diet bave, therefore, defintely given their assent to the project.
Prussia - The treaty between Prussia and France for releasing Mecklenburg from the special treaty with France was concluded at Berlin on the 26th ult. In tho sitting of the Upper House on Wednesday, was adopted as rassed hy the Lower House. The tre ties with Oldenburg retieeting the admission Customs' so stem of the luachy of Holstein and the alhevion of Oldenhury to the Customs' trealy of the 23 th of June, $184 t$, were also adopted, as sell as the new on the treatment of the publes dehts of the new provinces and the issue of Treasury honds
to the atnount of 2 , 10 , (ri)'s thalers -all betug agreed to in the form in which they came un from agreed tower Houve. In the sitting of the Chamber of Deputies on Thursday Herr von Vincke's motion for the abolition of the taxes upon grinding and slaughterine was adopted almost unanimously; the Minister of Finance offering no opposition to the proposal upon fnancial grounds. Herr Bassenge moved
that the new apaper stamp-tax should be abolished after that the new spaper stamp-tax ahould be abolished after
18f9, and the Chamber adopted the motion by 1 Gi; votes to 100 . All Prussian Ministers at Foreign Courts are now in possession of their credentalas as representatives of the North German Confederation, and most of the Foreign Ministers at Berlin are acredited to the Confederation. The King recenty Rhenish Prussia. In reply to their address hus Majesty sald:-

It is well known that my furefathers and mynelt hare


## dignity aud indopondence of the Pope

According to telegraphic news from the provinces the subscreptions for the 13 million thalers $4 f$ per cent. loan amount to $22 \frac{1}{2}$ milions.
duke Alibrecht commander of the Austrian army and imposerl upon bim the duty of inspecting the army of orkamsink it in a manner fit to take the field, and of submintunp the requinte proposals on the subject to sibility is vested by the constitntion absolute responmission under the presidency of the Minnter of War has been appointed to discuss reforms of the military irganisation The member of the Commission are Geutenant-Field-Marsbals Ramming, Harburg, SaintDontis, Gablena, Fhatiprovich, Maroitrich, and Doring. A circuis, in witioh the following is a sum-
mary, mas depatc bat wa Monday by the Minister of mary, Mas despate hat Monday by the Minister of
 the fuphre,
now nake a
don it ia not a more formality, but a polititcal act of declara
importance Besifcs imiolalife fidelaty to the Ennpercy, there berrance of the Constitution and findamental laws. Th
 already been subscribed on Hapery expected that $16,0 n 0,000$ monan country. It is thousht communes and savine Subscriptions to a considerabe
Trieste. The latest accounts
ubseribed Parls state that a a wro
Crosed towards the limn
ing a deputation to Pesth, fo
Russi -
contain articles extremels faround il nance of peace The Bursen 2atery take the intiatise in
Journal de Sty Pitershoupg of Findsa article in some Freach papers, sass -
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## ment of internal fartherance of indoui throughat Furpue

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Whoever rim lers

An Imperia? decree published on Tyor the naturalisation laws bithern in the subject. The foverno St. Petershurg. The nem announces that all the $R$ ssisn medity it is understood that the Grand Unir she will accompany this aquadron to the fori visit to his daughter, the nemly-marne Greeks. Rear-ddmiral Popofity bese,
the command of the Russam gert the command of the Ruscas waters, in place of Admiral Brutarof Itues -The betrothal of Price Eis
Prince of Italy, with the Princes yara Prince of Italy, with the Princes of the luchess of Genoa, The object of the Kıne's recent ris
demand the band of the Briness following is insmmiry of the de of Deputies durieg the past wheet






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decree. Min been appointed dterne Chinese Ambeendor to till Fitd Wbich Chins he relations. II. S. the maritime custom- have hen my. Fi, dol Twn red buittimel man larinn- Che
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## U. A-Mr. Stanton monym l friseswinn

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## THE GARTENERS' FTIRONT('LE AND AGRTCEITLRAL GAZITYTE.

Earl (iranville expressed his Rreat pleasure at finding' at St. Alban's, Fiblorn is idolatry, that I could no more Government to bring formard "a wise, a large, and wellconsidered measure for the education of the people and be trusted that the fovernment would be kept up to that promramme, eatecially is far as a "large mocasure was conterreed. After ome remarks by
Professor Thorold Rokers Profeasor Livey, Professor
Crace Calvert, Mr. Peel chairman of the Birmingham Crace Cialvert, Mr. Peel, chairman of the Birmingham Chamber uf Conimerce, and other gentlemen, the debate favour of the resolutions, and tras followed by Mr T D Acland, M. P. Mr. Agrton, M.P., the Hon. . Herbert, Profesior Hurloy, objected to the resolution as putting science in an 1 ferior position to other studies.
Profesor P . Jonkin, of University College, London, insisted on the neoassity of improved primary edicaColle The Rev Arthur Rige, priDchal of chester had bieen a sailure. Mr. Clarke, North Cheshire Chamber of A griculture said that his experience led
 muent the eddition of words to the resoletion providing in the great centres. Mr. G. Godwin, F.R.8., seconded the amendment, and it was at once agreed that it nhould be incorporated with the resolution. After the systam 1 . Meyer, of lianover, in relaton to Germany, and by Mr. Ayrton, M.P., in favour of seionce schoole, the resolutum, embodying Ir. Luorates $H$. Chester moved the next resolution
ares as miy be desirablo for the

 Tho Right Hoq. W. Cowper seconded the resplution, whirlh was carried, with five dissentionts. Whe Res:
"That while thifs conforenco aoknowledges the benefte

 Mr. Antonio Brady seconded tho resolution. Mr. words Chester moved as an ado "and not only those "" Bhould be inserted, makink it Professor Thorold Rorers seconded for all children. Mr. Brace, MP $\mathrm{P}_{\text {. }}$, ssid thet he was not opposed to froe conenent of the peonle. Those in Pare with the would have great difficulfies in drallug with the loma rating question, and he thought it somld be unwlee to great for their strength Mr. Mison, MP P , thought shat the conference ou, hit to express itzelf strongly in of the Legislature to deal with it us to lesve merubers J. Kay sluntleworth suggented that in the resolution "the word "now" should be struek out, and the words Lake, Mr. Chester, Mr. Brice and The Rev. W. C. make, Mr. Chester, Mr. Bruce, and other gentlemen tion was submitted by the charman as a substantive motion, Mr. Chester's addition also having beon incorporated whth it. Mr. Connolly, a well-known working man connected with agitation, then addressed the meeting in a speoch whioh was received with vooito submit to any fiar arrangement that would securg to submit to any fanr arrangement that would securbe
education for their cluldren, and contended that no education for their chuldren, and contended that no
man was entitled to the labour of a chuid to the man was entitled to the labour of a child to the child. At the close of bis speech screral gentlemen cordially shook hands with him, and congratulated then carried unanimounly. Mr. Samuelson moved the next resolution


Ho seid he intended to move for a commithee of the re-assembled, ant the Committee of the Sociatyent Solly would be of areat assistanre the it. The Rever of H . the motive of Jr. Brimer, M I', vermmed by Nileronan fo Mr W. Hathes fror the manaer ink whech be had prewided over the conferemce.
M'Senle, ruferring to the ars, - The Rev, Dr. Hugh The Guardinn communicated on Sunday at the himh present and St. 4 Ibanta, Holbown has writhen a letorar to tio Record (the Evangelical orgain), contradictivig the




THR Poplic Hipaytz. - The Weekly Petura of the Reyistrar-Genera states that in week that deaths were registered in Londou and in 13 other large towns of the United Kingdom. The annual rate of
mortality was 87 per 1000 persons living, being 23 per 1009 in Lodion, $B 1$ in Edinburgh, 37 in Dublin

 rate in Vienna was 30 phr 1000 'during the the
week ending the 18th inst. Ii London the births of 1157 boys and 1166 giris, in all 2323 children, Here registered in the weel. In the comesponding
weeks of 10 years 1858-67, the averaie number cor rected for increase of population, was 2205 . 'The death registered in London during the week were 139, number for that week, corrected for incerease of popluby 321 than the estimated number.

## 

AlDERNEX-A charge of Fenianism was brought lost weak against Mr. Thomas Simon, the sheriff of this island, arising out of a very trumpery affir, which
has made all concerned in it look very ridiculous. It appears that Mr. Simon was in a shop in Alderney Where there happened to be at the same time 10 women, natives of the island. A newspaper on the couriter led the conversation to Fenimnism and the Manchester recutions, when Mr. Simon said in French'that "the Govermment would do well not to hang any more, as rould serve her right" adding, "If the Fenians should come to Alderney, Tll show them the way". These court, thay communicated with the Lieutenant Governor, and asked his advico in the emergency. His Excellenry declined miving any, and told the Coutr surgestiont, ind suspended $M$. Simon from fis office admitting him to bail, and referred the case to the tribuinl, seeing the ridiculousness of the charge at ance quashed the proceedings, and ordered the liberaon of Mr simon.
fills ofrering jool London police have now issued Benjamin Speke, rector of Dowlish Wake, who dis. appeared so mysteriously while on a fisit the, who disthe early part of last month. The bills state that the old hat which Mr. Speke had been wearing before he bought the new one in Warwiolk Street. Pimlico. was but that appears to be the only clue that lias been LI
LLinflis.-On Wednesday evening the 22 d ult. engrged in the coasting inade, left Llanelly with the hope of beatug down channel. The sea was running very high over the bac, and as there was not sufficient water thoat the vessels over it, they all took the riding out the violence partial or total wrecks, only siz of the versels lost 42 were the breakers. Of the crews The jury at the inguest saved, but 52 were drowned Drowned with a strong expression of opinion as to the necessity of signals and a lifeboat.
Smeffictid.-The report of Mr. Overend, Q C., Mr. Barmow, and Mr. Chatice, the examineis's appointed under the Trades Unlons Commissioni Act of 1867, to inquire into the outrages assortied to have taken place at Sheffield and elsewhere with the support añ connisauce of nssociations of 'workmein, has just' been The report is adren evidence taken ot suenield missioners appointed under' the $A$, and consists of a received so mury or their inquiry, the facts of which accompanying evidence, filling 450 folio pages, contains published. importance that has not already been

## Erclamid.

Anorkir Atcack on a Martililo Tower- A Harbour, wers, near batked on Mondart, in' Waterford spiked on the previous night by some person or persons they nad been tampered with. Whe gus showed that made on Monday night the alarm signals were fired, The maranders wated in reeplat from the fort soldiery came within 70 yards of them, when that they fired them to ttand firm, but oftier. Theiry leader datied on which it is believed shot a volley from the soldiers and ran, carrying off the two persons, they scattered Ren on the crovind vof the wouhded men. Blood wha Tha sergnantof the guard and the seyet becn made. that part of the ramparts where the sentry on duty on oounted are sumpentem of havint compived at the if ingurge, and are to be brought before in military bourt Prusery.
 before Mr ('I) Onncil) at Capel Strent Police-alline to

case sent for trial. Bail was accepted. a o Irishman newspaper to remove the propit may be found against him at the Commpictor
and Terminer into that Court, the ground to and cerminer into that court, the ground fo
cation beine that he wrill not get a fare tnal
mission. On Wedneday the Altornev mission. On Wednesday the Aitorney-Geaen
the discharge of the provisional order, aud the Colurt gave judguent on the motion Fit/gerald and Mr. Justice ()'Brien by a jury of more than ordinary nute Mr. Justice George and twe Ingrd thought that no suffipient grounds has being divided, the judgment was, no rule
FTRTHER ARBESTS.-Joarthan Allen choolmaster, cousin of the convo all who was executed at Manchester for county Limerick, for Fenianis, Mond Ot supposed Fonian Head Centre was arrout derry last week zud brought to Dub goal. The arrest is considered of 1 arrived by the Minnesota from Aruer in rassage, on ridily, on suspleciun of Fapiar.s ficy through the town, and, on being broul magistrates, refused to state where he
or what was his business in Passuge. I for a Week. An attorney's clerk namel $H$
Head Centre, was arrested on Saturd Head Centre was arrested on Sstur ment is under arrest, awaiting a trial by
for declaring himself a Fenian, and for declaring himself a Fenian, and future he would serve, not the
Republic. On TYedneday Mar been allowed to sfand out on baid since the Cork special commission for the his residence, in North Main Striegti, him to pal. He is kinown to hold g higi the Fenian conspiracy, Other arrests are morning a neve pastoral from Cardinal Cui memoration of the festival of St Brigid, wo
with St Patrick the tutolage of Ireland , 122 all the Catholic churches of Dublin. Afte eulogium upon the saint, the cardital consider the state of Ireland, of rilira, lied d
gloomy picture. In no country in the wor Fiony picture. In no conntry in the worl. as filled with half-starved poor, deet.tute o stockings, and shivering in the winter blast ton $\mathrm{m}_{4}$, to he secn, he $-a y s$, in Dublan alone than .. in min and grat cittes of rianer, Austria, or spaik
ringto the commalsory emigration of the Imsil to seek fond 1 ln foreign
tona, 000 m mottages of tha poor
the ground
their former inmates. He says that th to Ireland and of wakne maintained, and eristmg evils if to be ex conderan Fenianisp "To fill 1 he says, some misguided men, develver Depon knaves, are endeavourin: people to resistance to the latvs and th
authority; to alienate them from the relgion, and to initiate them in Fenian where they are at the meroy of spi and cut of as rothen branches from th societies which are all alike condem
of God, whether they be Freeml Oringemen or Ribbonmen. the people to seek redress of their 4 stitutional meanss and, with tha Lemislature the sidient who Establisiment," freedom of ed
readjustment of the relations
tenant as will secure to the fruits of their caphtal and labour
Fgntan Mesoriat Crosaco desecrate churchyards by the has been promptly pul dowa b Pathowet; but it was immediately palled mempieces by a eonstable, while and him members of the foree stood by to

末gntand
Drgtructive Gake In Edinbu
a teirrific gale raged it Edinburgh,
the forenoon tall 6 in tho evening block of chimneys in Duke Strect in through five flats of dwefling-housed. lady ta the second floor were killet. persons were burieal: oufe curay
was severely injured. Mans was severely injured. Mans

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## Cimomlan and norte Britise.-Arrange-

 wo worh ing the traffic of these companies on of joint-purse or the two boards, and special of the shareholders of the two companies are ratily therr. At a meeting of the CaleWeduesday, a special compititoe Was Wednesdys and speciat commitioe was
## 324.

Q EEv ~ Bascie - The Queen v. Burke, Casey, and ary lunnte on the rule granted by the court, th 1 n.wn to show cause why the prisoners
$y$. nld bhaw, should not be tried at the Central

 crat county, arising ourt of 耳uprond and

as Commar Court - The Lambeth Mur Cha1hal twa murlur. ìy a mann named Thomant Clatri- pleaderd
 oo postponed passing sentence, in order that the
it if ind might be indinired fants. It triss monThesday that the y isumer had been closely

 dising it in a feld at Horuser, where
ifat the next rioning The jury returned a
of monslamgliter enty, and tha prisuner was it. rars phalli servitude M MAknuhter,-


 1813 Juse Blackstone dia Aksossor of the Chancellor'B Court. In 1813 he was appolnted by ford Grevville, at that time Chan
cellor of the Lniversity, to the Rrincipalshin of Madalen, and in the same year he was nominated by the Lord Almoner of the trioe to the Meaderahip in Arable. Theero two opicices ho

 Gospola, which was at one time largoly usod as a toxt-boo
in the Univeratit, and allo a work, in Mi homendanime.
 he his universilly rospecter. White to those who froit him warputh of heart. The por of Oxford lose in him a moast
 with the manners, tho sckolarnhip, whe the toine of tiought Dr. JOMEN DArY, M.D., F. Z. Fur the brother and biographe of Sirir Humphrey Dary, and fin eminent ohemut, goologiet,
 typ. Ho sthadiod meaicino in kdtnburgh, and took Xis M. surgenn, and at the thom of his death hield the rank
 subjocti, and of a large number of papers ranging orer the
whole field of nimtural mctencic. His physolngical remarche were prifcipally Publuhed in the "Thilosophical Trans
actuuns," the "Transactions" of the Royal Society of Edin burgh an 1 the Royal Medico-Ohitrurgloal soctety. Ho also
 to the atmosphere, the carth, the ocann, and the eirt of agriand Edinburgb, author of "Life of Str Humphrey Davy," and

## 

coviht GARDGA.-FEB. 1.
Foreign imports continue heavy. A good demand stin forcuer quotations. French goods ivelude leettuces, Endive Asparagus, and Artichokes. Peurs comprise Ne Plua Meuris, Eastar Beurre, and Joan do witte. Sth. Kichad Oranges is but limited. sparish thestruts for plantiag are now at
 Lave not altered in price since our hat roport. Flowers
 pulcherrima, and Rososi FRUIT.


## 

Antnons, per 100, ts to 10 s , 168

## Artichokes, por VEGELIBLL:



## 

 Paramipes, per domo, ged to la Potatos, York fetonts, p. for - Rocks, do., 100 s
## Obituarn.

## and Yaskar Tybcossel drod at Kiplin Park, near Histadyship was the ouny child and heifess of An tral, by Whion side pard iksue one child, which Wir extinnt It is unconnel died in $1855^{3}$, when

 Haiffr Mead, Bart., died


 Ife has a D D I I. of Oxford and
as the ot ther of "The Hand book in Eopring, Protestant Biahop of
lidance in that State on Jnurary 9 , 76th Year. Biskop Hopkins wns th yarr, his was Presidemt of the House hid frequently beent
 s'ruan Corigin of sland his publication of a work
 - Pr motication of a reply to animast his list




 $\begin{array}{cccccc}\text { Beat Fregh Putter } & \text { P. .. } & \text { 18s jor dozen } 1 \mathrm{~b} \text {. } \\ \text { Socond do. }\end{array}$


> ITM. - Per Load of 36 Thissecs. SMITHYRELD, Thurshay Jan. 30


## Cumbfrand Markit, Thursday, Jan. 30.


 LEADENHALL AND NEWGATE POULTRY, \&c. A very small smpply and searcely any dumata.

## Turkeys, ocok,each

Turkey hen:
Goslings
Wild Ducks
Tame Rabbits
Wild do. Per coupl
Surrey Fowls
Do. Chickons
Haw door Fow
Suddlo's Weat Farthoy, 153. Ed. ; Hollywell Main I5s 6d. Wylarn, 15s, 6d. ; Eden Main, 16a. Ad. ; Want Bud Hamwell 18s, Gd, Walls Fand Hettor, 18e. 6d, Wams End Hetton


POTATOS-SOUTIFWARE, Monday, Jin, i:
During the past wesk the arryals buth coastolise and by rail have stoady for bent samples. The quotations as folluw


 EXGLISH WOOL
There has been a decidedly better tone in the wool mariket
 untoward political newa for the next few weelca, we may fird CNBETS I Perass of Evolisis w


METROPOLMAN CATTLE MAlKET.
We have a large supply of Beasts, thero fs, however a fair demand, and into quotations aro nseriy realised: some large, but they are neariy all sold at about late rates bheep is
 of 715 Beatis, 1010 Bheep, Bi Calves, and 15 Pige: froith Acotland there are 390 Beasts; from Iraland, 50 ; from Norfolk
and Sufolc, 1600 ; and 1775 from the Nothern And Midland and suffol

 Beat Downa sind ${ }^{\text {Fit }} 10-5$ Lam

 THurbdax, Jan. 30,
Our supply of Beasts is minther larger than on Thursday last, onables us to dispore of them at abont Mondaris quotation enables Ls ts dispose of them at about Monday's quotations
The number of sheep is very manl, the detrind is aliof
limftod Cholce Culres continue to be very dear. Our foreign supplay

 2d quility Beaste o $8-36$ Do. Shora
Beat Downs and
Lambs

Bensts, 810 ; Sheupand Lambe, 2900 ; Calves, 60 ; Pigs, 130.
MARK LANE-MOMpAY, J俛 27.
Tho supply of Wheat frum Freox and Kent to thin morning'a market was mall, the condifion very miserable, it wats tevertheless dieposed of at the extreme rates of this day sennight.
The market was well attonded, and forcign Wlivat being leld for' an advance of is. per qr., in sume instancen mora cheoked buainets; the fok suler made werc onls in retail. denret. The vat trade was alow at aboift the prideef of this day week. There was no alteration in the top price of Flour,

## 

Fridar, Jan, 31.
Tho weather in the carly part of the whe wery stomay milder temperature and frequent showors; yesterday fine The adrance in the talle of Wheat which we repurted latit Fribay has been woll maintained throughut the week, and in many of our leuding markets on the east coant and in the agricultural districts best simples hare further improved 18.
to IB . per qr ., but the Scotch marketa, Liserpuol, and Btrmingham were not dearer. Spring Com of all descriptions


 lagythan, which meets with favour, wan lo pir yr. Wearor, barley commanicil hinew the coast is entirely cleared, and priceb nomionl. For What on passuge and for forward shfoment thare mas 1 ittite The What and Flour markets show, an improving dency. The sfx marki are quoted at equal to $57 \mathrm{~m}, 9 \mathrm{~g}$. Pt
280 lb . The stock at the Hale is extimated, at $22,520 \mathrm{cwt}$. The nrrivals of forelgu Wbeat this week have been to
fair cxtent. of all other foreign and, Hoglish grain very Ury Eamples of Eisglish Whent continue in request at Mondu's prices, but wther deacriptiona are very unadieable the wquiry for foreign was of th very retall ultaracter, and


|  | Wheat. | Barley | (rata. | Fhour. |
| :---: | :---: | :---: | :---: | :---: |
| Fnrtish <br> 1rish <br> Fureign. | 610 aprs | - 11) $\mathrm{qras}^{\text {c }}$ | - ${ }_{40} \mathrm{ra}$ | 1720 sks |
|  |  |  |  |  |
|  | 10,780 | 980 | 3510 a, | - brls. |
|  | 11,3201 | 1370 | $30^{29}$ |  |

Lrvarpool, Tuesday, Jan. 28 -At to-das's markot we had

## 

［Perpuary］

Earl Granville expressod his great pleasure at finding that Lond Stanley had stuted tho readinest of the
Government to bring formard＂a wise a large，and well－ considered mesure for the eduation of the people：＂ cond be trusted that the foovernment would bo kept， up to that programme，erpecially as far as a＂largg＂
meosure wis concerned．After some remarks by
 Crace Calw rt．Mr Pein，chairman of the Blirmungham

 Acland．M．P．Mr．Ayton， $3 P$ P the Hon．A．Herbert，
Mr．Hyde Olark，Mr．Brocklehard，of Minnhoster． Profossor Huxleg objected to the rexiolntion as phitting scieoce in an inferior position to other studies．
Profemur $F$
$F$ Incisted on the nexsesthy of miproved primary edum， tion The liege，zad that Arrhur had been failure．Mr．Clarke，North Cheshire Chambeen of Agrilcule．Mr．Clarke，Noul that histh experiences led
 mor the establishmentor of museums of art mand practures the amendment，aud it was at once agreed that it should be meorporated with the resolition．Atter somere remarks by M．Meyeit，of Hanover，it relatiou to the rystem of cllucation adoptod in the seboois of
Germany，and by Mr．Ayrtin，M．P．，in favour of Germany，and by Mr，Ayrtou，M．P．，in fivour of selance schools，the remolnation，embodyng Mr．Lucrafis
antundment ms orried，with two discentients．Mr． H．Chester moved the rext reollition．
＂That in queb measures 28 may bo dominbio for the

 The Rhicht II w．W．Cowner secpnded the resolution，
whit in wis carries，with five dispentiente，The Rev． Whii h．wis carried with five dissentients．
W．C．Lakc moved the naxt fesolation：－－
LThat whila this conforenco ackonvledges the benc its


 Mr．Antonio Brady seconded the resolution．Mr． words＂certain ages＂，in the resolution，the words ＂and not only those＂＂should be inserted，making it compuisorT to provide education for sil children．
Prolesor Thorod Bogers seconded the amendment．
 compulsion，but he wanted thave it adopted with the
free consent of the peonle．Those in Parli

 preas upon miling horses a yoad which might be too that the conference oupht to express itself strongly in farvour of the ameadment，and then to leave members of the Lefigilthure to deal，with it as theyy pleased．Sir the word＂now＂haould be struck out，and the worls Lake，Mr．Chester，Mr．Bruce，and othe Rer．W．C． Lake，Mr．Chester，Mr．Bruce，and otber gentlemen arreet to the alteration，and the amended resolu－ tion was submitted by the clairman as a substantive motion，Mr．Cheeter＇s aldition also having beon moorporated with it Mr．Connolly， 8 well －known
Forkug man councected mith agitation，then addressed Torkug man councted with agitation，then addressed ferous applause He said the working men were willing to submit to auy fair arrangement that would necure education for thesr chuldren，sud contended that no
man wiss entitled to the labour of iu ohild to the man whs entitled to the labour of in ohidd to the chid．At the close of his speech sereral gentlemen him on his sucuess The rewlution，as amended tras him on has succes the resolution，as amended，Tras next renolution


## He ridd he intended to move for sommithee of the

 reasemblel，ant the Commatiee of the Socciety on
 10 Mr ．W．Hawres for the manner in which he lad ST．ALBAN＇s Hotance
ST．AbBaN＇s，Hozborn．－The Rev．De．Hugh the Guardian fast week，that＂Fe was present ard St．AIben 4 ．IInloorif Sund at the＂high celobration a Reforl（the Evangelical orgath）contetatictiog the entire story．He says：－

## 





Trip Popric Hrafr．－The Weekly Return of

thedeaths were rexistered in London and in 13 other large towns or the Thnited＇Kingoiom．The annual rate of mortality was 27 per 1000 porsons lifing，being 23
per 1000 in London， $3 \overline{1}$ in Exinburgh， 37 in Dublin，



 Freiks of 10 yearr 1853 －67，the averaige number；oor registered in London during the week were 1395． n was the fourth week of the year，gad the avernge


## 相品品保保

Alderyer．－A chare of Fenianism was brought last week against Mr．Thomass Simon，the theriff of this island，arising out of of very trumpery nfficir，whirh
has made all concerced in it look very ridiculous．It anpears that Mr．Simon was in a shop in Alderney where there happened to he at the same tione 10 women， natyee of the 11／nand．A nerr－paper on the coninter Iell the ron resation to Feniani－n and the Manchnoter
oxecutions，when Mr．Simon said in Frech that＂tlon executions，when Mr．Simion said in Freach that＂tlin
Government would do weil not to England would silfor from theer hangings，and it would serve ber right＂，adding＂If the Feniang should
cume to Alderneg III show them the wayn＂These words being repeaited to the maristrates as foey gazt in ourt，they communicated with the Lieutenant Governor，and asked his advice in the emergency．His Excellency declited giving any，and told the Coirt they might do dis they pleased．They adopted the dimitting lin to ronvideration of the Royal Court of Guernsey．This tribunat，sceiny the ridiculousness of the ollarge，at nuce quashed the proceedingu，and ordeted thite liberth－
tion of Mr．Simon．
ILMINSTBR－The London police have now isgued Benjnnin Speke，rector of Dowlish Wake，who dis－ appeared so mysteriously while on a visit to town in the eariy part of last month．The bills state that the bought the new．Speke had been weariap before he foubd on the moraing of the 8th nitr in Birdcage Wralk but that appears to be the only clue that has leen discovered．
9 Fegsels， engnged in the coasting irade，lent Ihanelly with the hope of beating dowa channel．The sea was running vars hiph over the bap，and as there was not suffictent rater to foat the ressels over it，they all took tho jdine and became partial or total wrerks，only six
 The jury at the inguesi returned a verdict of Found Urarned，with a vironk expression of opinion as to the sersity of signals and a lifeboat．
Sineffietd．－The report of Mr．Overend，Q．C．，Mr． Barstow，and Mr．Chafide，the oramineits appointed Inder the Trades Union－Cominissioti Aot of 1867 ，to inquire into the outrases asserted to hafe taken place at Sheftied and elsowhere with the support atid con－ nivance of issoncintions of workmen，has just been The report is addresed eevidenge taken at suefiseld． miquinuer appointed under the fet，and consists of a complete histury of their inquiry，the faots of which received $s 0$ much attention during its progress．The acempadying eyidence，flling tho follo purew，contains published．

## Irclamo．

Antomirg ATTACK on A Marcello TOWRR－－A
 kpiked on the previona nigtit bylkore the put had been theymin anl some of the othere ghns showed that they had hem tampered with．If hen the stitact wat made on Mondsy night the alaitm Bignsils fere＇Wrat The a teinforcement of pilitaty sent from the fort． The maraudexs waited in regulat array until the first，and wounded a soldee．Them，when they fired them to stand firm，but on a roliey from the callerl on wheh it is believed shot two jersons，they seattered and ran，carrying off the wounded nien blood was soen on the ground．No arreats hate fet been made． that part of the memparts where the acmitry on duty on mounted ara susmpeted of hova the injured gun was ontraga，and are to be broustht before a nullitary court ingniry
Phusfictios of THR＂WEERLT NEWS＂AND hefore Mr（b）Jomndt，at Cayel A：M．Sulliven appearod answer the summinus finz veditious libers un the Weakly Fers Informations were taken lobis iu the Weakly
case sent for trial．Bail was aocepted，A ov
order was gcanted on Monday by the Cound of
Beach to Mr．Richarit Pigott the Bench to Mr．Richardit Pigott，the prout fishman newspaper，to remove any indfich
may be found apainst him at the Comm－
and Terminer into that Court，the ground for and Terminer into that court，the pround for
cation being that he will not get a fair trial at
mission．On Wednesday the at mission．On Wednesday the Altorney－Genald the Court gave judgment on the motion． Fitzgerald and Mr．Justice OB Brien were
that the case was a special one whioh by a jury of more than ordinary it th this ground they were for reantice
Mustice Georze and the I． hought that no waflicient the 1 ．m and that the certiortre should be refused．Thec ant or $Q \in$

choomaster cousin of onathon litem
Who was executel it Mrshellewt county Timerick for Freataulu vailingly searched for，somp of thren
supposed Fenian Head Centre w deryy Jast Feak mad brourht ford Geutenants w arralat ithl man who patso his name is Jo
 n Pasonge，on Fridity，on sumprom，
throunh the town，and，on bed
 or what was his business in l＇assuge ILe war Imad Centre，was arrester on Sit Waterford．At Skipbercen a soldier ment is pander arrest，awaiting a trial for declaring himself a Fenian，sad Repablic．On Wednesday Mra been allowed to statid out
cince the Cork special commissio ttempted to remelie him，but the hin to gaol．Me is known to PASTORAL HROY C CRDNAT morring a new pastoral from Card memoration of the lestival of St．Is with St＇Patrick the tutelage of $1 r$
and
Catholic churehes of Dablin． culogium unon the wint，the monsider the state of Ire！and，ut
coomy picture In no enuntr： is misery to be mitumsed conprarbl
prevails in Ircland． $11 e$ dencribenta as filled fith half－starsed joor，demtitut
stockings，atid shiverig in the winter proper dotothing More squalid po great cities of France，Ausfria，or
creat cities of France，Apsimia or sim that to seek foom in formign latsuls le tim，bop enttares of tha joor
he grommd ］rat they should ：i Ean all 1 al．
 to Ireland and of weakness to the enap，re，is

condemn Fenianis
denikning kraves，are
authority to aljerate the
religion，and to initiate them from then where they are at the mery of spies nil aublected to the same－
societies which are all alke condemped of Got，whether they be＂reemaso Orangemer or Ribbonmen．
stitutional means and of the
mamber of Parliament who will de was
Lemislatare the＂dısendowmen
readuastment of the relation
tenant as will secure to the a

## fruits of their capital and labuur

 desecrate churchyrids by the has been frotaptly put domp of row was put up last weok idRathowen；but it was immediat cut to pioces by a constable，waile an nds wr members of the forces tood by to jroten L Lim

## Scotlaud

## Desteuctref Gale in Tide

 a terrific gale ravethe foremon till

## block of chimin

fill through tive ll
larly in the second
persons were buried
Insily 7 in prool of the
Obsily Revieto states that on the Joll

## 3idilwayg．

A．S NORTH BRITISH．－ArTange he traftic of these companies on ut－purse for 20 years，have been agreed minittees of the two boards，and special he fhareholders of the two companies are Fifuneslay，a special committee was urentigate and report on the allairs of

## 能 am ．



 It inatest

 Ins cotra The Lainheth Murifi－－it the ryer If straminul tiom，of the child of a wemm in
 I．Turulay that the prizuluth har bean closely gly bruwht up for judg
 nundianklame waly The jury returne ia
 ther cial，by not ubtainitg n edical weice ＂thered that the inf．ant was sulfermen from an ar they sut for the cldcrs of＂the Peccth it
t＇whan the belonged，who constdered it con－ seek medical aid of to trust in man．These nt with ofl，and praved that the child









 Hot tuersit one of tho










解 adtor of hisis collect od porks．

## ytarkets．

con ent gardex－mas 1


 Fastor Heurré and Joan de Witte 8t．Mfichul Orauges




 pulcherrima，and Roseas． Frutr．



|  | Mint premmeh hith isat to |
| :---: | :---: |
|  |  |
|  |  |
| Celery，per bundle | －Rocke，${ }^{130}$ do．${ }^{\text {a }}$ |
|  | 二 Hateen ，ive to |
| and | mm |
|  |  |
| Leot |  |



Best Green Hay－Clover，old ．．．．95stol0：5 Prime Meadow 1 lay Inferior do．$\because . . \quad-\quad, \quad 50$ $\stackrel{\text { in }}{\underline{\text { w }}}$

 leadenhall ans newgate foultry，oc． A vory stanall suphly aud scarcely any domma．
 Surrey Fuwls
Do chickung
$56-70$
$50-70$





POTATOS－Sodrawara，Monday，Jon 22 ．
During the past week the grtivalk both contwise and by rall have
trade steady for best samplea．The quotations a4 follors



Fife Regeith，Fins．to 130 es ；ditto Rlocks， 1108, to 120 s. Frencl and Belgian Whiten，gos．to 100 s．

## MNGU8 WOOL．

Thare has been a decidedily better tone in the wool masket， and prices are，if anything a shade stifer．The butioess alco is on a more extengive scale；and altogether，if we have ng
untoward political newn for the next fow woekh，wo may five expect a angith impruveruent．


| Half－bred ditto Southdown ewes Lefcester othing |
| :---: |
|  |  |
|  |  |
|  |  |
|  |  |

per lb．－s．


METROPULITAN CATTLE MARKET．
We lave a large supply of Beasts，there is，howover a falr demand，antion quotinons are nearly realisod some larre，but they are nearly all sold at about late rntes，Chrice Calves are still searce nnd dear．Our foreign supply counitets of 715 Beasts， 3110 Bhecp， 84 Calver，and 15 Pisa：from
 and suffol
Oounties．

## Bet A－ots，Here

hert inct rthoms Benhility lleast
Best 1 Dow 218
Halk－breds
Do．Shorn
d．8．d．
Bent Ionk－u nols
$\begin{array}{lll}\text { e } & \text { d．} & \text { a } \\ 4 & 4 \\ 4 & 4 & d\end{array}$
 Our supply
 Trado is by no means brifk，jet the favourate weathor emables us to dryposc of thern at nlwut Monday＇s quotations．
 limited．Late prices are well manntafued for all kinde．
ict ice calrcs contizuc to be vory dear．One foreigu supply


 beat quility Beasts Hal Downia and

Beasts， 810 ；sheep and I amber，notu ；Cilves，C0；FRgs， 130. MARE LANE－M MAS，Tan．©
Tbe supply of Wheat from Eksc $x$ nad heat th this morning＇s uanket Wias gmaik the condition very wiscrable，it was never
 for au advance of 1 s luer Ir．，in sime inat ances more





The weather in the warly purt ，Jan the wicelc wes rory stormy
 milder temperature sod frequent showers：yesterdsy fine The sdyarce in the valito of Whert which we repurted haft Friday hus becu well maintauned thronghout the woek，and in many of our heiding markets on the erat cuast and in the
agricultural distriets heat samples hare further improved 16. to 3 s ．per qr．，but the scotch markets，1．irerpunil，nnd Bir－ to per per qr．，but the seotcy mark terin of nll deseriptions was salcable at full rates，nan in sume Invtarices is strall uivance was established on Oats inul ise u－we miscreed no The arrivale of grain end need ladem roesels of the coost thit from last week，there repuained for sale last pight 11 cargoes．
Arrived Wheat was fromy held at Inte extreme ratos，and
 artheles the coarst is entifely crented，and prices nominal．Yor Wheat on pasasge and for forward shtipmont thuro Was littie The Whiat aud Flour markett diow an improving ter－

 Dry Banples of Engish descat contions are very unsaleable
 unchunged．Aleatazs тHIs Werk



THE GARDENERS' CHRONTCLE AND AGRICULTLRAL GAZE:TTE

Earl Granville expressed his great pleasure at finding that Lord Stanley had stated the readneess of the Govermment to briag formard ce, a large, and well considered measure for the education of the people; up to that proyramme, enpecrally as far as a "large" up to that proqramme, effectally as far as a large
 Crace Caivert, Mr Peet, chairman of the Barminqham Chamberr of Commerce, and other ventlemen, the debite Was adjournel on Saturday Mr. Harry ( hester wonke in
favour of the rewnlutions, and was foilowed by Mr. T I. Acland, MP, Mr Ayrton, M, P, the IIon. A. Herbert, Mr. Hyde (lark, Mr. Brocklehard, of Manchester.
Professor Huxley objectod to the revolution as putting Professor Huxley nhected to the revolutign as puttinu
 insisted on the necessity of mproved primary education. The lles. Arthur Rige, principal of Chester College, said that every attempt to iopularise scionce
had been a fazture. Mr. (larke, North ('heshire had been a dature. Mr. Clarke, North (thenire
 ment the aldition of word- to the resolution providing in the great oentres. Mr. G. Godwn, E.R.S., seconded the amendment, and it was at once agreed that it should be incorporated with the resolution. After some remarks by M. Meyer, of Hanover, in relation to Germany, and by Mr. Asrton, M.P., in favour of Germany, and by Mr. Aston, M.P. in favour of
science sohools, the resolution, emihody ine 3 Ir. Lucraft's science soiools, the resolutinn, emhody ing sir. Luccrat!'s H. Chester mnved the next revolution.
-That in w wh inc chares as miny be desirable for the

 The Right lime 15 Couper sceonded the resolution, Which wats currich suth the dispentiont: The liev.



Mr. Antonio Brals reconded the resolution. Mr Harry Chester moved as an amendment that after tho words "certain ages", in the resolution, the worl "and not only thove "should be inserted, making i compulsory to provide edncation for all childree. Erofessor Thorold Rogers seconded the amendment
Mr. Bruce, M. P ., said that he was not apposed to ocmpulsion, but he wanted to have it adopted with the free consent of the people. Those in Parlinment
 press upon willing horses $n$. Poad which might be too great for their strength. Mr. Dixon, MP., thought that the conference ought to express itwelf strongly in
favour of the nuendment, tad then to leave members favour of the amendment, ata then to leave nembers J. Kay Shuttleworth sugrested that in the resolution the word "now" should be struek out and the words "as soon as practicable" substitutite. The Rev. W. C. Lake, Mr. Chester, Mr. Bruce, and other gentlemen tıon was submitted by the chairmate as a subatantive motion, Mr. Chester's addition aloo hasing been
incorporated with it. Mr. Connolly, a well-known Hor'ing man conaected with agitation, then addressed the meeting in a speech which was received with yooiferous applause. He said the working men were willing to submit to any fair arrangement that would secure education for thelr rhildrea, and contended that no man was entitled to the labour of a child to the mjury of the moral and physical condition of that child. At the close of his speech several gentlemen cordinily shork hands with him, und congratulated then carried unanmoully. Mr. Samuelson moved the next resolution

 hishatll liremizng, sinultery, or theft.
The Prblic Health. - The Weekly Return of the Registrar-Geveml states that in the weel that ended on Saturday, danuzry $\%$, Lna births aner larg deaths were registered Kingion The annual rate of mortality was of per 1000 persons living, being ${ }^{23}$ 27 in Bristol, 21 in Birmingham, 33 in Liverpool, 31 in 13 radford, 23 in Leeds, 23 in Hull, 27 in rate 173 Vienna was 330 por 1009 doring the
week eading the 18th inst. In London the births of 11.3 b boys and 1106 girls, in all 2323 children, weeks of 10 years 1858-67, the averaise number cor

 lation, $133-1 / 16$, The procent roturn i-, therefore, les
by 327 than the estmated number

## 和robertial.

Aldernex.-A charge of Fenianism was brouch last week apainst Mr. Thomas Simon, the slieriff of has made all concerned in it look very ridiculons. It appears that Mr. Simon was in a shop in Alderney, here there bappened to be at the same time 10 women med the convenatron to Fenianimm nud the Manchpater executions, when Mr. simon saud in Freach that "the (foyernment mould rio well not to hang any more, as Englant trould sinfer rom thesp hanginge, and it
woald Berve her right "adding, "If the Fenians should come to Alderney, III show them the way" These words beng repeated to the maristrates as they sat in Governor, and nsked his advice in the emergency. Ho Excellency declined piving any, and told the Court they might do as they pleased. They adopted the sugkestion, and suspended ar. Simon from his office, consideration of the Royal Court of Guernsey. Thins tribunti, ecing the ridiculousness of the clarge, at mee quanked the proceedings, and ordered the liberaILMyster -
bilk offering - The Leme Lendon police have now ismed Benjanin Speke, reward for the discovery of the Rev Benjanin Speke, rector of Dowlish Wake, who dis appeared ao mysteriously while on a visit to town in the early part of last month. The bills state that the old hat which Mr. Speke had been wearing before he bought the new one in Warwiok Street. Pimlico. Was frimd on the mornine of the Sth ult. in Birdrage Walk,
hut that aprears to be the ouly clue that has been
 engaged in the coasting trade, left Ilanelly with the oppe of beativg down channel. The ser was running rery high over the bar, and as there was not sufficient water to float the vessel., over it, they all took the grolyod and became partial or total wrecks, only six
 The jury at the inquest returned a verlict of Found Drowned, with a trous expresson of opmion as to the peressity of cignals and a lifeboat.
Shereield. -The report of Mr. Overend, Q C., Mr. Barstow, and Mr. Chance, the examiners appointed under the Trades' Unions Commission Act of $186 \%$, to inquire into the outrages asserted to have taken plare at Sheffeld' and elsewthere with the support and conissued, tomen aswneliations of workmen, has just heen The report is addressed by the examiners to the Commissioners appointed under the Act, and consists of a recelved so much attention during the facts of which acompanying evidence, filling 450 folio pages, contains published importance that has not arready been

## 保relanto

 spiked on the previous nipht bysome persinn han beei unknown, and some of the other puns showerl that made on 11 minday matht the alarm simais were firch The a renforecment of milatars sent from the fort. oldiery camétithin 70 in reguas array until the frest, atad wonnded a sodder of them, when they lired them to stand firm, but on a volley from the called on which it is believed shat two persons, the soldiers, and ran, carrying off the wounded menoy seattered veen on the gromnd. No arreats have jet been made. The sergeant of the evard and the sentry on duty on that part of the ramparts where the ingured gun wian outraze, and are to be brou having connived at the of inquiry.
"PROSRCUTTON OF THE "WEENT T NFWQ" A\D "Rysiman." - On Monday Mr.A:M Sulhyan apnenred


case sent for trial. Bail was accented
order was granted on Monday by the Cont Bench to Mr Richard Pront, the
Irshman new
may be found against him at the a
 cation being that ho will not, get a groir trial at for in of j mirssion. on Wedquesdarthe gttornar -Gial at
the discharge of the provisional the discharge of the provisional urd Fitzgeratal sad udr Justice (he mot.on Hr jund to that the case was a pectal one, whil frat' ! en and to by a jury of more than ordinary mite l.
Mr. Justice George and the I erd
thought that
and that the certoorarientiould be refine
being divided, the judgment was, notho.
 wilo was executed at Murchent


 Lord Lieutenant's "urrant, and lod red
 A man who gave his name an John Whead ase at and
arrived by the Minnesota from Aruer 7 , waw yese in Passage, on Froday, on suspheion
through the town, and, on being or mbat was lus busineso in
 Had Centre was arrested on S.t irlutes Haterford. At Skibbereen a sol
or declaring himelf a Feniat trul by ctro hiture he would serve, not the (quern, bul: Republic. On Wednçiay Mur been allomred to stand out on ball for t+i. since the Cork perinl commuwi in was re-razel) attempted to rescue him, but the armed phl ur hime to geol. He is known to hold \& higip the Tenian conspirany.
morning a new pastoral from Cardin memoration of the festival of St. Brajit, wat
 consider the state of Ireland, of Mard har han. gloomy picture. In no country in the mnlli,
is misery to be witnesed compurable to tha: prevails in Treland. He describent as filed with lialf-starved poor, desitute $f$ f
 ringt the compulsory emigration of the fram
to seck fond in foreign lands, le the ground lest they should arain all their former inmates. He says that the anew smal orunge fartion, the source of iluma mintained, and refers to recent artices existing cy:ls is to bo
condemn Perianism
he syys, "some miaguaded men, de
people to resistaves, are ende wour
authorty; to alienate them from
where they are at the merny of sil:
and cut offas rotten branchan fromall el of Cond, whether all alike condemnew be freemum, if Oraugemen or Ribbonmen " stitutional means, and, with that yuth. memihers of Parliament Who wifl den, 30 Watablishment," freedom of ciucation, lat
readuatment of the relations betwetum tenant as will secure to the agriculthral
fruitt of their captal and labour
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nembers of the force stond by to prote t und
Scotlany.

## Destructive Gale in kidinbt

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lites, mud ! ile we wollected froul the tree

## 3atlmayg.

y ${ }^{2} d$ North British.-Arrangerisiedorlas and North tritish.-Arrange-pint-purse for 20 years, have been agreed committees of the two boards, and specia shareholders of the two companies are $\mathrm{ra}^{\text {tilfy }}$ them. At a meeting or may, a pecial committee was Tre-tigate and report on the alfairs of

## 3xaw

EEㄱ BEvith. - The Qupen v. Buvke, Cose\%, and
 inatead of Wrwick, wero beard ous Wodues to , hthined 12 Warwick ahire, in einsequonce



Corrt. -The Lambeth Marrien- - it the irt 1 turt nomed the child of o weaned , in a ittite stricet uli Kentington Latue wh poned jasung omtence, in urder that the

 the mirder of her clall by exposure
ving it in a feld
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## \section*{} <br> 





 of Maydialen Mall, an $\frac{3}{1}$
io in that l nivergity of

1802 and D.c.L in 1392 Frhen he surceeded the fampius Mr. Justice Blackstone as $A$ wscssor of the Chancellor ${ }^{\text {B }}$ Court. in 1813 he was appointed by Lord Grenville, at that time Chah: in the same yeur he was norninhted by the Lord Almoner of hutd till his death. Ho was Anost succeasful in raising the Hall of wbichs Le was head to a dositi a strpassing thast of
matyy colleges Ho lad considerable reputation as in write





 with the mandecers, the selzolianship, and thie tone of thought

De Joac Day, M.D, l'. R. . Whe the brother and biogmphe of $\operatorname{sir}$ Humphrey Davy, and an eminent chemist, geologitt, and physiologist, dled on the 24 th ult. at his residonce, $1790 . \mathrm{He}$ stidited medicine in winburgh, and took Kis M.D degreo in that University in IB14. He entered the army as a surgeori, and at the time of his death held the mank of

 were 1 rincipally publighent in the "thaosophicul Trang burgh an f tho Royal Medtco (hrrurgleall society. He also wrote larcely on meteorolocy, ceology, end chenistry Ous of his most recent works wits a Reries of "Laetures on Chemisti'y," In which that science was regnrded in its rolititlons to the atmogphare, the earth, tho ocenn, and the hit of dini-
culture Ho was a Fellow of the Royal Societies of London and Edinburgh, nuthor of "Life of Sir Eumphrey Davy," and and tidinburgb, author of "
editor of his collectod warks

## staxkets.


Foroigr imports continue heavy A pood demand still frmer quotations. Fronch goxds includa Lettuces, Endive Asparagus, and Artichokes. Pears comprise Ne Plus Meuris, Easter Bourre, atud Joan do Witte St. Michad Oravgee
are still smriving in fine cundition. The supply of Cheatouts is but himited. spanieh chestants for planting are now at their hest, und raliso aborze 10 , per bushel Spanish
Humcl Ants for phawtung fetch 10s. per bushel. Potatos have not altered in price elince our mot raport. Mowery oblefly considi of Orohida, Cyolanene, Chinese primuras,



 Beans, Kidiney, p. 100, 28 to 28
Be Beot, per doz., 18 to 28
Cabbages, por doz., 183 d to 28



二

Other sorts, 759 to 80

Best Frashl Butter
18s. jer dozen lb.
 HAY,--Per Load of 38 Trisses.



Cumierland Marhit, Thutsday, Jan. 30.

LEADENHALL AND NEWGATE POULTRT, ac.
Thubspar, Jan 30 .
A very small suphty and scarcely amy domand.


Thero bas boen anichish woin .
Thero bas boen a deeddedly better tone in the wool market, ts on a more extemíive seale; and siltoretber, if w have nd
 expect a alght izaprovement.
Curamat Prices or English

\section*{F'LeECES - Southdown hoggots

Halt-brod Ality <br> 
metrupulitan cattle market. apply of Beasta, there is, howover a fair
Wo have a large supply of Beaste, there is, however a fair inferior qualitles remain unsold, The number of sheep is arge, but they are calves and dear. Our foreign nupply condote of 715 Beasta, 1010 Sheep, 84 Calves, and 15 Pigs: from scotland there aro soo Beasts ; from Iroland, 50 ; from Norfolk and Suffolk, 1800 ; and 1175 frome the Northern kind Midland Oountlea.

 Besit Downe and $410-5$ Lembs

 ThyRadar, Jaz. 30.
Our supply of leasts is rather lurgor than cn Thursday hat. enables us to disispose of thero at about Mondayie ouotations The number of Sbeep is very small, the demand is alyo mitod Late prices aro well maintane dorcigu suppry Choice Calves continue to be vory dear. Our forcigu suphy
condits of 190 Beast, 420 Sheit, and $5 \%$ Pige

Hat Scota, Here:
d. s. 4
 2 s quality
Best Downe nad

Bensts, 810 ; Sheep and Lambs, 2000 ; Galves, 60 ; Pigs, 130.

> MARK LANE-MoNDAE, Jan. 2:

The supply of Wheat from Vesex nud Kent to this morning's market was smal, thi concition very taiserable, it was neverthetess digrosed of at the extreme rates of this dyy se'nnight. The market was welt attended, and fertign what wellg held hoeked busimess the iow sites made were only in retait Barleg and leas reere unchanged in value. Beans were Is. Karer. The Uat tric 1 sis sluw it almint the precs of this
 6d. per barrel.

##      

 Fridat, Jan. 31.The weathor in the early part of the week was very stonny
nd wet; wo hive since hand some hight frusts, followed by a and wet; wo hive since herd soment showters: yesterday fine.
 many of our leading markets on the cast coast and in the maticulaural distrint thest smplese have further improved 18. to 2 . por qur, but the Scotch Markets, liverpwal, and BirFra shlenble at full rates, nudi it some innturces a syaall alvante was entablished on (hats :and Beans We ohserven no
ailteration in the salue of Flomer in the markets of the fnerior.

 bepting. whis meta with fantir, was is yer ir. Ieaper.
 Wheast on passuge and for forward ahsprient there wat little

 fair extent uf all other foreigu and Ruglisk grain very
linaited The attendane at thy mornings murket was small Monday's prices, but uther descriptions are very umbalesble,
 unchatiged.
En, liah
Insis.
Find

## Fureiga

| Enyliah Fureiga.. | Wheat. | Barley | Uats. | Flour. |
| :---: | :---: | :---: | :---: | :---: |
|  | 010 qrs. | $3.404 \mathrm{rs}$. . | 513 | 1i2n sks. |
|  | - |  |  |  |
|  | 10,80 | 1888 | 3510 | - brls. |
|  | 11, 391 | $1370{ }^{10}$ - 3020 |  |  |



HOPSA．－Bonovar MARKTT．Friduy，Jan
Meatra．Pattendon \＆Smith report there in no materina quantitues to supply immediato wantes at lato ratos．

## PARTNERSHIP－WANTED，WORKING


A PARTNER WANTED in One of the olde
A PARTNER WANTED in one of the oldeat Tradps in



WUOD AND CO，nTe in IMMEDIATE WANT of a
 W ANTED，a FOREMAN and PROPAGATOR．－One A．，care of Mr．Dloknon，Florisk，Covent Gardon，W．C．



## Wanted Immediately

F
HISHER，HOLMEB，AND CO，Hre in 1MMEDIATY anothar in kopth－Apply，in ow handwriting，with roforenoe，the
HIBEER，HOLMSS，AND CO，are in WANT of 1．

 GHOPMAN WANTED，－A loung Man as UNDER A saOPMAN．He must bave a good character and good addrasa． $T$ ANTED，in a Firat，class Seed Warehouse，

WANTED，DAIRYMATD，to help in the Laundry W，䋉

WANT PEACES．－Letters to be Post Paid． 1XPERLENCED GARDENERS（or as GARDENER


Gardoners（Head，Foremen，and Jinder） TAMES CARTER AND CO．having many appliestions



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## EVERAL TRIRD AND WXCRILLET ME

For ivilute Depertmenta of Manaperont－
bave not beon thomonghly fingulred into．
Yeasrs．Bowlore \＆Co，have introte Sitemarde，Bulliff，Formters，Working Forigegome of Tame
 Bed，Lolcaster，Werwlek，Statrord，Worsester，Derby，Lsooll， York，Lanchahire，Cheshurs，Fint，Montgomery，and Monmouth Hord Lolkb，Stonelelgh ybars Fiarm Manager to the Rlght Hon Momers．Howartis Stemm Cuitipated Farma；Antbor of the Prizo Fanys of the Royal Agricultural sooity of Fogigitid，on Home Pana Maragemedt，Haymaking，and the Rearing of Calves；om Portable Facing for Steep，and on Drelning where the outfull it
defuctive． $\mathrm{E}_{\mathrm{Bra}}$ for Uembempletn ROVEk－Nobilemen and Gentlemen



 Palue． Thieat in modersio consurumtitio demand and priceeo rather
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|  | Wheat． | Barlog． | Oats． |
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| Doc． 51 | oben od | 418 md |  |
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| Jan．\％．． | 870 | 414 | ${ }_{28} 10$ |
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| － 18. | 718 | 421 | ${ }_{25}^{25}$ |
| 25. |  |  |  |
| 4 cg ．Average | 893 | 417 | 25 |

GARDENER（HzAD），to any Lady，Nobleman，or
 $G$ A ADELNER （HEAD）．Age 3 ，married；thoroughly Albury Gurrema，Guldisprot，Surrey．

G brace－Apply to Mr．Ynirorra，The Vineyard，Gurtom
$G^{\text {ARDENER（Hzap）}}$－Age 33，aingle ；has a thorough
 Votorth Nutrery，Upper Holiomy，Loodon，N．



 E，W．Mr．Hukhest Eastrate SE＝St，Winchoneter


Ca ARDENER（HRAD）－Middle－nged；has a gound
 Oentleman＇s Fundiry．Eour yoars＇good oharactor．－Gambeves，
（TARDENKK（HBAD）－Age 36，married ；leaving on
 Prago dreon，Tottonnsm．





 （TARDENER（HiAaD）．－Age 30，married；has had


G ARDENER（HzAD），to any Lady，Nobleman，or



（TARDENER（HEAD），age 31，married，with two
 （ $X^{A R D E N E H}$（HBAD）．－Married；has had $20^{\circ}$ years Gardens，Fist－ellans Plant，Pine，nid Grape Grawer；and fin
 Forsat Hill，Kont，S．E
（ARDENER（Hzad），late Gardener at Condover Ball knowledge in Forcng，Fivea，Grapes Feaohes，and Melons ；a good
Cultivator of Orohids，Ferns，Stove and Greonhoure Plapte，and groat expertence in Flower Gardens and Rle
in the Kitchen Ground．Win Frule Gardens．Can bo Foll reoommended
（JaKULNEK（HEAD WORKING），－Age 30，married，
 s，Now Church Stroet，Bermondrey，London，B．E．
 （ARLENER（HEAD or MIN（rLE：HANDBD），－Middif－
（ AKDENEH．－An experienced Man．Wife
CABDENER，with a F＇lorist nr private Gentleman．－ Part！．Unexceptionablo reforencos．－E，Ont 0 ，Rood in Cermany and
GARDENEB．－Middle aged，FLngle；understands

GARDENER（UNDER or SiNGLE－FANDED）－Matried；解
（ ARDENER（VNDR），or to look after Cows．

## To Noblemen＇s Gardeners．

（ARDENER（DNDER）－Age 20 ；has had considemble food reperience given，Forcing of Fowera，Frulth，and Vegetablan
NURSERY FOREMAN OF MANAGEK－Perfectly
N URSERY FOREMAN of PROPAGATOR．－
 NTSERY FOREMAN or 8ALESMAN－Age 30；
 Própagatok or propaghtor and poricicin P RTPAGATOR－Well ip in the Propagation of Roses，

TO NOBLEMEN And GENTLLEMEX
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| FLETRTCTY <br>  |
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 Howri．Chasat \＆Bla D）The beet remedy for FLidhty of the stomath or delicate construtions，especialt adapted for Iade



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$\mathrm{N}^{\text {ORTONS Bets Remody For Indizestion }}$




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ITCRDAY，FEBRUARY 8， 1868

## New Era in Bookselling

COINTRY BOOK SOCIETY．－This
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Works on Botany，by Dr．Lindley
1）I8CRIPTIVE BOTANY：OR，THE ART OF MPOL ROTANY；OP
HODL BOTANY；Op，The RUDIMRNT8 of Botamical IDICAL and IAcoly Pobilished BOTANY，or An Lately Published，
TUB ELKMERNTS of BOTANY，Structural and Physion
 THiB YEGETABLE KINGDOM；OR，THE STRUCTURE，


##  <br> ．




THE LANDS IMPROVEMENT COMPANY，
To Lampowis



 Engiaes，or Machinery for Drainago or Irrigation，
Frm Roadd．Trmways end Rtilroads for Agricaltural or
Frming purposem． Jetties or Larding－places on the sea－oosst or on the banks of
nnikgable riveri or lakes．
The Erection of Farm Iouses，Lsloourers＇Cottages，and other
 Farm parposes under the provistons of ady Aot of Parlice ruent，Royal Charter，or Commission，in rcspect of any publid of
gronval Forks of Dranage，or other inprovemont，may borow oxpense on the fand improved． their Subacription of bhares in a Ani，why or Cannl Company
No investigation of tatle is required，and the C＇ompnay beng of strictly Gnanclal clasmeter，do not knterfore with the plans rni

ROYAL AGRICULTURAL BENEVOLENT

For the RELIEF of DECAYED FARMERS，thelt WIDOWS and ORPHAN DAUGGTERS：and for the MAINTENANCE and
EDUCATION of their ORPHAN CILLDREN．
 Orphan Chtldren admitted from 7 to 10 years of ago，ann whoily
minintained and educated untit tho thyo of 14 years in the chso or
 the books of the Institution；And noxt Election，the Council hav decided to Elect Ten Orphan Children．
Forma of Application for Pensioners nid Chilidren，and ever

C 0 L 0 N Y $\quad$ f fin N A T A L GRANTB of GOVEMNMGNT LaND Mro glven to Hon tamiliar
 On

## 覞ome Nemg．

Thes Courr．－On Fridsy morning the Queen went out with Princess Christian，and in the afternoon Princess Henriette of Schleswig－Holstein，accom－ Panied by Prince Arthur on horseback．Viscount and Viscountess Sydney left Osborne．On Saturday after－ noon the Queen drove out with Princess Cnristia teaded Divine service at Whippingham Church．The teaded Divine service at hippingham Church．Tie of Newport．On Monday morning the Queen went out with Princess Beatrice，and and Princess Hen afternoon with Princess Christin Martin lest Osorne On Tuesday morning the Queen went out with On Tuesday morning the Queen Went out with left Osborne for Greenwich Park．Prince Christian accompanied his Royal Highness to Southampton． In the afternoon the Queen drove out with Princes Christian，Princess Beatrice，and Princess Henriette． The Right Hon．Wilson Patten，Chancellor of the Duchy of Lancaster，had an audience of her Majesty On Wednesday moming the Queen went out with Princens Thouisa，and drove in the afternoon with Princess Christinn．On Thursday morning the Queen drove out with Princess Loulsa．
THE YRINCE AN゙D Princess of Wales．－－On day＇s as morn over Mr．Villebois＇manor，returaing by special train in the evening to Sandringham．On
Sunday their Royal Hishnesses attended Divine Sunday their Royal Hiphnesses attended Dive at the Church of St．Mary Magdalene．The Monday the Prince left Sandrinaham for Kimbolton Castle，on a werk＇s wisit to the Duke and Duchess of Manchester．His Roynul Highness went by railway to four to kimbolton，instead of by the Kettering and Huntingdon Railway，as had been anticipated． was entertained on his way to Kimbolton at Hinchin－ brook，by the Earl and Countess of Sandwich．On Tuesday his Royal Highness hunted with the Oakley fox－hounds．the Castle．On Wednesday the Prince for in humted with the Orler hounds．In the erenine the Duke and Duchess of Manchester gave a grand ball to a number of the aristocracy of Cambridgeghire and
Huntingdonshire，in honour of his Rornl Hichness＇s
visit；and last evening another ball was to be given to probably the last of the kind the Prince will make during his present atsy in Norfolk，as his Koyal High－ ness and the Princess are expected to leave Sandriog－ ham for London about the 19th inst．
PRINCE Leopold has been suffering during the last， week from sovere accidental hoemorrhage．His Royal
Highness was reduced to a state of extreme and Highness was reduced to a state of extreme and
dangerous exhaustion by the loss of blood，but has since regained strenkth so far that Dr．Jenner and Mr． Paget，who were summoned to Osborne，and remained for some days in permanent attendance，have returned COURT ARRANGBMENTS．－It is announced that the Queen will hold a Court at Buckingham Palace on Tuesday，March 3rd，to receive the Diplomatic Corps， with the ladies of their families，who will roceive noti－ fications of her Majesty＇s mracious intention through the Lord Chamberlain．The Queen will also hold three Drawing－rooms at Buckingham Palace，viz．，on Thurs－ day， 12 th March；Wednesday，1st April ；and Tuesdgy， 12th May，to which ladies will be admitted under the same requlations as were formerly in force at St． James＇s Palace．The Queen will be present at each Drawing－room as long as her Majesty＇s strength wil during the remainder of the time．The Prince of waies will，as usill，hold lievees on her Majesty＇s THR Cabinsor．A Cabinet Council was held on Saturday at the official residence of the First Lord of the Treasury in Downing Street．Another Council Fras held on Tuesday，and another on Thursday．It is and that if the weather be favourable，lee will probably leave K nowsley for London in a few days．
LAW APPOINTMENTS．－Sir Charles Jasper Selwyn the Solicitor－General，MP for the University Cambridge，has suoceeded to the Lord Justiceship vacated by the resigaation of Sir Joha Rolt．The appointment was offered in the first instance to Sir
Roundell Palmer，but declined．Sir Clarles Selwyn Roundell Palmer，but declined．Sir Clarles Selwyn
is a brother of the Bishop of Liclifeld，was first elected or Cambridge University in April，1859，and was made Solicitor－General in 1867．Mr．Baliol Brett，Q．C．and M．P．for Helston，has been appointed to succeed Sir C．J．Selwyn as Solicitor－General．
Pabliamentary Movrments．－The elevation of Sir C．J．Selwyn to the bench has caused a vacancy in the representation of Cambradge Tniversity．A meeting of the principal memhers of the Conservative party in the Vniversity was held on Thursday，the Cleasby，Q C，Jate Fellow of Trinitr，was selected as candidate for the vacanry：The names of Mr．Beresford Hope and Mr．Cecil linikes were ulso nroposed，but the najority of those prewent voted for Ar．Cleasby． deciaion，and it was formally announced yesterday that Mr．Eope will contest the Beat with Mr．Clengy．It is date for Stoke－upon－Trent in the event of Mr．Hope＇s resignstion，and that Mr．George Melly，of Liverpool， Araylshire，has issued an address announcing his intention to resign his seat．The Marquis of Lorne has offered himself as the Liberal candidate．Dr． the representation of London Liniversity．Tiere are Waiter Bagehdidates in Jobn Lubbock，each of whom has received numerous promises of support．Mr． announced himself a candidate for Stroud，on Moderato－Conservative principles．Mr．J．F．Busset， of Tehidy，will be the Conservative candidate for hest cornwall at the next clect all be a candidate for Brighton at the next election，stating that under no curcumstances rould he endeavour to divide the Liberal party in that borough．Many attempts will probably be made to alter the representation of the metropolitan boroughs at the pext general election． For Marylebone，Mr．Harvey Ivewis and Mr．Thomas Chambers，Q．C．，will offer themselves for re－election， but two other candidates are aready in the fones and Mr．Meschen，of the Temple．In the Tower Hamlets，MIr．Butler retires，in order to become a candidate for Hackney，and Mr．Samuda and Mr． Fimond Beales have already offered themselves．
For Maskney，in addation to Mr．Butler，Mr．Deputy Reed，Mr．Holms，and Ir Hormer are candidates，and Mr．Aamuel Morley is alat ppoken of．For Lam
beth．Mr．Huglies whll agaia offer himself，and Mr Doulton will also probably seek re－election．Mr．R Hartwell will be the working man＇s candidate．For Southwark，Mr．Locke，Q．C，and Mr．Layard Fill，in sll probability，he re－clected without opposition．A Greenwich，Alderman Salnmons and Sir Charles Baxter Langley will come forward on advanced Liberal principles and it is considered probable that Sir Johr Heron IIaxwell wll be a candidate in the Conservative interest．Mr．Torrens and Alderman and no rival candudates have yet been announced．No changes are spoken of either in the City of London or Westminster．For the new borough of Chelsea three candidates are in the field．Sir Henry Itoare and Mr． servative． THE Finance MiNister of INDI l．－－The nost of financin member of Council in Indis hai been offered to Sir Richard Central Provinces，and now resident at Hyderabad． Sir R．Temple has filled various important posts in the
civil errue of India, and was the ammataut of the late N EW: ADMIKLLTY ADVOCATE.DR. Deane, QC , has been appointed. Idmiralty Adverate, ilt the place
of Sir Travere Twos, who resurgud un his apppouturent
 last week the (2uepn conferred the hinour of kalgathood on Charife Wheat-tone, EAM, TR I Ist Dragoon Thurds, vicant by the deant of Sir T. W. Brothorton, has been conferred on General Sir James Jackson; this
Colonelcy of the fth Drapoon Guards, vacated by this Colonelcy of the fith Drazoon Guards, vacated by this
 Drazoon Ciuards, , wacant by the deatto of Sir M. Whit, Paget i and the coloneloy of the lhatrak legiment,

THE AVFR-At the Council at Osborne last week,
 Alexander tsurdon, (rirl of the Filet on the Reenerved Bishopbic of Mivbitics.-It is rumoured that the bishoprio of Mauritius, vacant by the resignation or the Right Rov. Dr. Ryan, will be conserred upon him Req. Aohn Postiethwaite, late incumbent of Coat ham, nonr Redcar, who Was nominated 8 year or two
ago to the bishoprio of New Westminster, which it was proposed to found out of the diocose of British Columbia, but which, from various oircumastances, has not yet been formed

## forsign.

Prance.-In the sitturg of the Corne Lefgiclatif on Friday the debate on the now Press Bill was resumed, The following is a summary of the debate:In M: Julen Favro sadd that tho Opposititon would voto the Bull








 beforo decaling "jan the tate of the Bill, He conclualerd oplnions of the puble Prose, but, in the electoral body, the representativel of which were about to pronounce thoir fudg-
moert M. Pleard regurded the adoptlon of the Bin as findil protested agurinat the interdiction impmen meen broken. He

 tho fret Article, M, Ronber in ruply, referring in in the
Emperor's letter of the 10th of January, denied that any and said that thu Guventment haw lionestly avecepter
 that exanimation had come tor the firn rimplati- $n$ to kistitn



fatel on tiaturday conversion of rifles were promulPukr uti The King and Queen, with a numerous ante, 1eft Litbon on Friday day a tumult occurred uear Brata, , irtwoent the people
and the troons essorting the roy al marty. The troops fired, and killed nhd woubided several persona.
 burgh died in that city on the 2 dy ult. He whs mavy
 ecret sitting a Bill authorising tho (roverament to contract a Four per Cent. Loan of s, (H0,000 thalers The publication of the discussion was subscquently
resolved upon. The live per Cent Doht of fi,Uno, itvo thalers remainus under the control of the Conmitte for
the Public Debt The Chambers authorise the Mnnistry to fix the price at which the new Four per Cent. Loan is to bo issucd. The nees bonds whmed. The Me appled to the redempthon to re-purchase the Alberts Ranlmay, and aro invented with -plseretionary bowers The flinane the periot and the condithons of tho purchave contribute 20, ,wtu thalers towards covering the detieit in the belance secount of the Industrial Exhibition of Chemnitz.
PBUSIIA.- In the sitting of the Chamber of Deputies on Saturday the debate on the Bill settling the amount of compensation to be granted to the Kin! or Hanover, the Elector of Yesse, and
Nassau was resumed na follows -
Nassaunt Bas raramk mond it was requisisto to look it tho p licy,


 Power been iuselinel to .eceept such in nmangeningt The








 whe as proposed hy the Growemament. In the satting of Tiesd





 shonlal this marty nnt R1apphit the Gorernment the if imation
 Hased on the ordinary Budget. On the vote be the titan


Avespit. In the sitting of the Hungarian Delen tion on Saturday the answer of the Ministry to tho
unterpellations made by Herren Gluyczy and herkapoly




 interp Hatiun sis to the wise of the title "6 Ministry to his The Dalegation then elected
The Committere of the (is-Leithan Delegation on tho Hatimatea of the Minstry for Forem Allurs proposes without reduction as an expreatem of inh, hat florms of tho Delegation in the expression of the confideace The Austrian lied Book was ing of Baron yon Beast. tions on Tuexday. It contains 158 docurnents, pelegr are preceded by a statement of the position of the

## recessed with acolamationa by the feenles

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ITLLX - In therlinedan man rieepten provisional exerese of the budect for F.

would present the budget for 1 sis? 1 I ebrat
in both Hothes the approaching marras In
apointed a (ommission - th cortion
Kinu, the Prince, the Prutcens, mid the 1
Genoa upon the lappy event Ginifial Me
announcement was recelved with great arrigat
gratalatory auldresses to tho king on tae arpm marriage hare since been arriving danv from
of the kingdom. In the sitting of the ( nater
ties on Friday the discussion on the beftar
Saturday the ommerce was continuct. In th
re-orpanisation of the Fational (xuand
report. I'he commattee profosied that the Guard should be considered as the last
time of pence as well as of war.
would protect publie order shar in an the strength of the regular army was maufi strength of the Smalar army was
ist of two caterories, one of whathird that anlled to serve outof the communn to what be appomter by the Government, 3u? th
 Justice were discuased In the with Count Cambray Iugny presented Bulls for rooman the ustem of publeation of the tax on Goiemmentitanas
 first 11 Articles were voterl. I
Ministry of War for In finamel

The Naval Estimates for 18

## The commattee

Adressos have been sent frum Milan, I in... Chamber to expedite the dise

 On Sunday, being the festival
in presence of the atember of the wret
lege, and the high dunitaries of the Church
members of the Diplomatic body were prome been rodured to a single division, under the - ans

breal at leubabl, and the cholera has

## buffering severoly from scarcity of ford, I-1

 famine thronghnut Northern . Ifrim.

cisunion that existed betwern thens.

| That the Kiuer npereliended the eflesto al ' The Minstrs, before therer ri= zir... 1. |  |
| :---: | :---: |
|  |  |

following the example of Prussia, Russis hiv-Linglaud to the Servian Government again:
ments now being carried on by thit Pownturnebe under the commiand of foretall leatar-prevarnag to enter liulgaria to get tire to tut
supprassed lant yearthe Candiuter papers, the Turkn have beetl is
the Candiuter at Hurislium, Cinea, aud otaer he bus
the ialand, lesving storex and munstions an the
of the insurgents. Russian ressels contnute to

## aner nou hax aloo made many successul

 , manm , from Sir Robert Napier, dated

 thas reeervel the foilowing teloyram from its


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the 2ath December an encounter took our troops and aband of herner ninsur1;th Bombay Native Infantry, were Reyoolds, of the sume corps, who sas sererey wounded. No one bein: Dewa Manik, the Whiled, one bein: Dewa Manik, the
but the chief leader of this expatriated
Hinc, the dinposesmed chef of Dwarka Is mik the disposessed clucf of Dwarka


-Intelliverse from Hong Kong announces
rets of Hingo and O-aka have been opeued
Trate without difficulty. Tho abdication of
afirmed, the Foreima Representatives notified of it The Mikado is the rountry as reards foreinners. nos has been ordered by the d the government of the empire. to the European Governments In Japan.
According to the New Fork has reigned the post of Tnitel
london. I'resident Johnson his by Courress reprealing the internal j, nn the import duty on mber, and also the
surplus rotolads.
 contract the currenoy, has
o hy both Houses of Congress, House of Representatives on
123 vutes to 5 , the Bill government to exist in the

Pr Bers of removal or appointinent con-
ar President by ilie Reconstruation Aot, a them on the Gemeral of the Army, and
nlawful for the Prealdent to employ the y and nary to enfurce the authority of the anstruction Act On or the esth
Foresgn Alfurs resolsed to the same protection as nativeos are eatiled to the same protection as nativemand erman against the Federal laws or against
 the star By this Bill the Pressdent would be we
Bed to demand the release of citizens detained inatsat on not absolving the ground of Federal -1 or deruyed the country. Should the release be s. Io muse the arrast of moy subject of such
$x=$ lrowenuent as an indemnity and reprisal. - unct of Columbia kranting political equahty in - winthed before the expiration of the 10 days * ints that of Bills, Mr. Stanton has announoed suILe - Accoun not resigu.
: 7 hard tacounts from pio state that no further 2 vuryans to the grovince of ©alt. A Ravolution had
edration, and the insurgents, who had rquiza, had taken the town of Rosario.

## Wit) $\ddagger$ mellogence. <br> <br> hakgt, Fridit. - Beitish Finds <br> <br> hakgt, Fridit. - Beitish Finds 

## fittropolis and its Ficimitu.



 \#recked. Several lives were hat at old Ford, Stepney,
Pouplar, and other places at the Eait End by the fall of chimmey stacks, de., and tilo damage to property
was immense, many losses of life from fioods being reported from the North, and the accidents of of a
minuor claracter beinin so numeroul that minar character being so numerous that we might fill the sbipping on the coasts appear to have sustained liess dampge on this occasion than tho buildings
Clerbenwell Etplosion Relife Fund.-The commintee of thrs fund has annouvced that having now received a suficient sum for the purnoses contem-
plated by their present action, they bave suspended phated by their present aetion, they bave suspended liability of the county to compensate the owners o minured dweilings laving been referred to the Court of
Quean's Bench, they have determined to a wait that Queen's Bench, they have determined to awatt that
issue. If a decision adverse to the sufferers should be given, they propose again to appeal to the sympathy of the country
Time Clefreenwril Outrage -On Tuesiay Jshin OTRecfe Whlinm Dosmond, Joremiah Alen, Nioholas Einglish, and Anne Justice, the
ctarged with muruer, arising out of the Clerhnuwel outrage, wore agana broupht before Sir Thomas 1Penry, The prisoner Paxick Mullary, who was fornuerly charged with the other prisoners, with murder, now in consequence of his having turned Queen's evidence Mr. Odiling, professor of chemistry at St. Barthalo
mew's Iosputal, pave evidence as to the deposit found uwon some of the stave of the which it appeared that tho material uoed was gunrowier, theo cask having bceen previously hased for storiilt petroleum or parallin oil. The evidonoe of the other uituesses went to strengthen the case araiust
Barrett as the man who fired the barrel. Sir Thomas Brrett sathe man who ifred the barrel. Sir Themas trial on the capital ottience excent Mullany, who would
be conmmitted for treison-felony. Another ald be conmmitted for treason-fetolong. Another adjourn-
nent for a week then took place in order ment for a week then took place in order that the
depositions night be completed, but it is not expected depositions might be complytent, but tit
that any further evidence will bo taken,
IIbcuvery of Hand (irrenades Near ColdbitnFledus PRison,-On Wednesday morning two hand grenades were discovered in in timber 3ard, only a few
sards from the outward wall of the 1 louso of Correcsards from the outward wall of the 1 louso of Correc-
tion, Coldbath Fields. At 8 a.mn. a man called Jame Staulake, on going to his work at Mr. Birch's timber yard, at, the corner of Calthorpe street, found coulrealed smong the timber two large hand greuadcs, both
in beivy ron shells, and of a mpherical form. One or in haivy ron shells, and of a spherical form. One of
thenn was emplty but tho other was loaded, ,nd tuite ready for use. The linding of these mussiles was umme-
diately communicated to the police suthoritios in Scotland Yard.
THE Case OF Shooting at Two Ponicgmina, clancy to esseate for trial on three charges of shooting with intent to kill.

Ire Dertrond Fen ians. - Oin Thursday Ly tell ton, Macarthy, und Richardson, he threo men charged Janes Joutall, were again brought before Mr. Jaude at the Greenwich Police-court. After a long examination, all the prisoners were committed for trial, Riclardson stoutly protestiug his innocence, and declaring, mat being s special constable, hen neat out on that Bught for the specific purpose of finding and arrestiog Lyoutill, having been in complained bitterly of the usage they Lytellton complained bittarly of the usage they
received at Baidstono goal, where, ho said, they wore fed like swine and treated like oxen.
 sion in \& conference summoned for distress at the Fast-end have agreed to unite and to place the contributions hey receive at the disposa, of a single oommittee, styled "The United Executive Committee for the Relief of Special Distress at the East-onul of London." The first meeting of the united oommitteo was held on Monday, Mr. Corbett, junin in the chair, when srrangements were entered into to seoure a proper distribution of aid to the famished and destitate.
PRRASURE TBOVE AT FiGEBORY--A fow days sinco the gardener of Mr Browden, the jeweller, in Vase containinus mearly fon wher coins, consistitat of silver pennies of Londou, lork, Middlesex, Bristol, and Cantorbury; groats and half-groats, hallipennies, cu: Trish and scowh, Yenetian and reutonio; two gold cons have been partialy arranged by Mr, Vaux of the
British Museum, to which institntion Mr. Brogden intends to present them,
On Thonal PaYMant OF Raten in Shoredi ICH. dlesex sat at the Vestry Hall in Old Streat Road Shoreditoh, for the purpose of hearnig appeatsan Reform pry pounded for and paid by the landlords. It was cal pounded cor and pad oy hat about 1000 persons were preeents, and the utmost confusion prevailed, which mrew in intensity until it endad in a complete riot. All efforts to quell the disturoance were uasaing, to the nearest station-house for assigtance. fortunately mothing serious occurred beyond an uproarious nssemblage and threats of violence towards

The poitue haviux arrived, consisting of one unspector and the uen, who were entirely of the working classeg, quietly dispersed to their homes of course, the magisquietly dispersed to their homes or course the magis-
trates had no ailernative uut to consider what should trates had no alernativo but to consider what should
be done for the future. There in this listrict a large
number of workmen out of employ number of workmen out of employ, who ara utterly unable to pay rent, and very littlo nucined to pay rates
whicl
have hutherto been paid by the landlords of hese small tenements.
The Loval Imisi ADpress to tie geekn.-It is nunoulued that the loyal addreas to the Queen, pre-
pared by Mr. Digby Seymour, has been signed by pared by Mr. Dighy seymour, Ias been signaed by throught the Home Secretary on tho 10th inst
Rate or Sir R. PREL-Tho statue of the late Westminster, but it is not yet decided when it is to be uncurered
Tesinoniat to De. Jelf.-On Friday a meeting was held at King's College, under the presidency of the Bishop of Loudon, for the purpose of presenting a tostimonial from the past and present scholars, and other friends of the institution to Dr. Jelf, who is about to retire from the principalship, after having held that office for 26 years. The right rer, olairman, Dean Stantey Professor Plumptre, Sir Thomas Watson,
mart. Sir Wir Perkusom, Rev. Prebenlary Bull
 rating tho long services of Dr. Jutf, and a general committeo was formed to recorve subseriptions for a
 W. G Orchardson have been elocted assoriates, and Mr. Thomas Landseer assoclate cugraver of the 1 cademy.
Royal Acadeity of Mosic.- This instifution, having strugbleu for nearly half a century to supporb itvell on tee voluntary principle, by subscriphons,
bills, cuncerts, dc., has been obliged to oloso its operabails, cuncerts, d.., has been obiged to oloso its opera-
tions. The surrender of its charter has been offered to the Government, and it is stated that the directors will cease to act in March next.
COBosesshir for W EST Mitddlesex.-Tluree of the gentlemen who were announced as candidates for
the coronership of West Middlesex, racant by the death of Mr Bird, have withdrawn their names, viz., Mr. Whitmore, nuedical otticer of healuh for Marylebone, Br. Duan, and Mr. Isaacion, sulicitor. There
are now tive canddates in the feeld viz J). Hardare now tive candidates in the feld, viz J) J. Hard-
wicke, deput coroner for Contral Middleser; Dr. iplock, of Chelsea Mr. George Broun, surgeon, of Kensel 'Gren; Mr. Hand, solleitor. Of New Inu (the
late Mr. Bird's deputy) and Mr. Waiter solicitor of late Mr, Bird's depnty); and Mr. Waiter, solicitor, of
Clitford's Inu. No day lias yet been appounted for the election.
 lanl reeently acepured and fenveld by the Metropolitan Boari of Work for the furmation of a park forr South Condon have been approved of by the ceneral purposes
 at a cost of 30,0001 . Its area is 65 aores, but in order tion, belts of land skirting its wider parts will be appropriated to the eroction of $3 u 0$ hollses, of such a all, the ground thus used will be about 15 acres.
Mr. Gladstone and the Trinls' TNions.-A meeting of the sub-committee of trades' delegatea, appointed to arranize the proceeding connected with the approaching trades unions conference with Mr Gladstone, was held on Wednerday evening Mr reorge Potter in the clair. The ikain he had been in since ble last meoth Mr Gladstone as to the point to be discussed at the conference, and thase points had been finally settled as follows.- The limitation of apprentices the minimum rate of wages, piecotrork and overtime, and the rules of the unions alleged to and overtime, and the rules of the umions allegea to collateral questions would arise ont of these points, but they would form the basis of the conierence By Mr. Gladstone's requegt he had also furnisheo that gentleman with the names of the trades represented by the general body of dalegates, and the aggregate number of members repressuted by those delegates. The conference would take place on the
$18 t h$ inst, at Mr. Gladstone's residence. The secretary then laid a number of litters lefure the romnittee, from trades not directly represented by delegates,
giving information to the committee as to their rules, : The committee then proceeded to eleot the eisht wembers who, with the ohairman and secretars, were wo constitule in the appointm ML. Glad following: - Mr. Juurenca (toilor), Mr. Danning (bookbinder), Mr, Squire (painter), Mr. Broadhuraí (mason), Mr. Cohen (cigar-maker), Mr. M'Namara maker). The chairman sald it would of course be sent ing the whole body of delegates LIe also stated that reporter being present at the conference. As it would not be desirable to give any one paper a preference over another, he would suggest engazed by the committee, who should supply each of the morning pavers with full report of the conference, tree of any olarge. After some dicussion, a resolution was carried to that effect The seoretary was then instructed to preparo a report from the sub-committee to lay before the next general from the sid

## THE GARDENERS' CHRONICLE AND AGRICUITURAL GAZETTF.

siderable inconvenience having arisen to the public Abbey assuming the character of mides, and thu miscuding and exacting money from sisiton, under
the pretence of showing thrm the premets and the entrance to tho church, a notice has been published Farding the public againat such persons, and stating Week dabs from $T^{\text {2 }}$, is is till dusk, and on Sundays, for the wervipes, hoth thas thor and that by Pont's Corner
On week days the latter door is closed for the present,
in oonsequence of the works for the restoration of the
Chapter House close by in oonsequeace of the wo
Chapter House close by.
ExTBAsion or
EXTBM8ION OF THE PosT OFRECB-Several of the principal entrance to the General Post Opfice in St. Martin'ole-Grand, have been purchased by the Govern-
ment for the purphese of extending that establishment The tradesmen who have carried on husiness there
have removed, and the demoltion of the houses will have removed, and th
commerre forthasth.
The ('ab Qu'vetiov-On Monday a deputation of

 those of the Contment so long as the proprietors
had to pay 1 lul. bs. per annum duty, and $1 l$. a year for a hicense fir the working of each cab, or Aner some remarks by Mr. Crocker, Mr. Gower, and Mr. Fry, the Chaneellor of the Exchequer said that personally he hal a very great objection to taxing
locomotion in any way, and was amare that the hackney carriage trade in Lomdon hard many disadVantages that did not arise in foregn rities. The
whole matter shond rerease the mont careful consideration of her Majaty's finvernment and humself; but at the present time seeing that there was a decreasing revenue and mereampe expenditure, he was not premight be, but his felt certann that, should there be a peduction in the duty, it would be for the mutual benefit of the proprietori and the public
Abibonacticil Exhibition-The Council of the A -ronautical moriety bave derided on holding an
orhbation in london of objects gernmatical science in Juma nert. Arrangements have been made for the exhibitson to be held at the Cosstal linace, where ample npportunity will be Nociety have allotted $50 /$ as a prize in connention with "the hest form of kite, or other aerial arrangement or from a wreck on shore or The late successful experiments in Paris, conducted by Mepetition upon the forthcoming occasion, when Mr. Glaisher will probably prosecute further experimente, and give an opportunity to inventors to propose means
for montrolline ascent and descent without lise of mes or hall in Thic ohemit for chinhtirn, mhd for whatel prizes will be offered out of the funds now raising, are apparitus, maless (twarhing and stationary), plans athd expermients, kites or other simalar apparatus propiosed to be used in cases of shipwrerk, traction, or in the attainment of other usefulends; paintings of landseape interest excited among inventors in this and other countries has been manifested so strongly that, although the ideas has onily been made known through the members of the society, already many new inventions have been promised for exhbition
THe DIGFst of
The Digest uf ThF Law:-Friday was tho last day for sending in preliminary papers to the Digest Commissioners. The Late Times says that ": very petition, among whom are several Quen's Counsel. A considerable time must elapse before the Commissioners muake their selection, and a long time must then pass
away before the sperimen digents themapes are completed, on as to enable any opinion to be formed respectang the ultimate surfem of the srheme
A Horse DisNFR. On Thursday eveningarompany
numbering uprards of lifgentemen, assembled in the
dinigg-hall of the Ingham Hotel snd partoot diniog-hall
banquet the
 thomaht a worth the the French monement. thry had clamese of the I.ustab paple, who are it the pirement meef and nuztionil, from participantion ir those articles of of diet, to sugyeat the destrmbinty of uthsing a descript ioz of ment which, whale little inferior in flavour to mutton and beef, has the admantare of being considerably sented to the company in a pariety of forms, and wre be seen from the bill of fare, and the general The annoumenment that the feride the new dishes. prepared in "hormponl" whe filletr de sorte were provoke an caker demand for fish thus treated were hardy enough to nrefer eating, those who by no meens disappointed with the reault, and ate joints received evident relish. The cuts from the soltd joints received less praise than was awarded to the pre-
vious dishes. The

Thomas Chatterton was whatever
 Three horses were slaughtered for the banquet, of the
respective ages of 4,20 , and 22 years. Two had been cart-horses; one had drawn an brougham, and in his prime had been worth 700 guineas. The baron was Forsy th. QC., in proposing "Success to Hippophagy, reminded the company that they recured to the horse bumane treatment in bis latter days when they showed Statisticians declared that in this realm $75, \mathrm{M} 0$ hor hores free from disease and available for human food, were rlaughtered annually. Here was animal food, palatwasted when animal ford was so dear as to he pract cally beyond the reach of our poorer countrymen? He but as the horse question not as one for epicures, and said that this dinner was intended not to gratify the palates, of a few, or to introduce a new dish into the rich man's hollse, but to popularise a new article of per pound, "1 was the text on which he dwelt. Mr and Mr . . Sir Henry Thompson. sir J. Lubbock and Mr. A. S. BickDell also spoke. Sir Henry Thompon said that to the latter gentleman was justly nscribed the merit of providing the banquet-a task, where the staple dish is honse, of considerable difficulty. It only now remained to convince the classes who have most
to gain from the cheapening of animal food that horseflesh $1 s$ good to cat. In conclusion, he declared, as a surgeon, that for invalids equine tea, was more nourishing than beer tea Other medical authorities who were present sir Henry as to the Etimulating properties of the homa when treaterl in this way,
the Church 'Temperance Noripty wated on the Home $n y$ the 10 presalipon him the advisabitity of repeal Mr. Inardy acknowledged the importance of the que. toon, and thought that some remedy was wanting for tho present unchecked sale of intoxicating liquors, but could not undertake any lepislation on such a subject Fortifying Parliament.
Fobtifting Polick-stations - The Government have determined to fortify the police-stations in London is the preliminary step to a scheme of general forthfinited Kiordone. गhe heestations and barracks in the orce in Scotland Yard head office of the Metropolitan a state of defence, and with this object Messrs. Clarke and Co, of Rathbone Place, are manufacturing bulletproof iron shutters for the windows of the station. The shutters will be so constructed that they can be closed imosid instantaneously, and an apparatus adyusted of side wish mill make them proor apainstay fusilad When all the stations in the metropolis and suburb are provided with the ball-proof shutters, the suburbs are provided with the ball-proof shutters, the stations
and barrarks of the police in Ireland will be placed in Conviction of Prize Fignters,--On Monday a
pughist named Michmel Ganon was brought up at the Thanst named Micheal Gannon was brought upat the attempting to murder Inspector Taylor of the matro politan police, on the $22 d$ ult. It appeared that
Inspector Raylor recoived orders to stop a prize-fight
about to come of in Lons Reach, and that he and
other athout of come of in Long Reach, and that he and
at the Tunnel Pier. for that purpose on board a steamer
at fightere, their backers, and roughs. On warning the crimoun that he was assisting in an unlawful act, the brum rust of "Throw hom onprbeard," and a cry him of hio lezs for that purpose. The captain and being thrown overboard. but he and prevented bis iteralls thrown out of the seamer his men were The steamer then went it s way, and the prize-fishters hoaring on Monday lasted five hours, The adjourned was densely crowded with " the fancy; and the court was aileged that Inspector Taylor in defence it think that this mase, and the martly true. Two of appeared to

LEBK ENWEL ASS
Was made to scsaseinste . the Clerkenwell House of Dentention public street near rally bolieved for a time to be another outrage by Fenians. The incident, however, anthough outrage by
the House of Detention stiortly be
was suddenly fired at by a man who held great rapidity.
Chatterton in the neck just bely ton
ing a dangerous althoush it is hog
St. Luke's, Who was passing by, seliz
held him tull a policeman came
charge. The revolver was one
of which remained undischarg
recognised as Rohert Needell,
known among his companions as:
specting persons sis
about. He waa taken before the mazantrat
ship Stree Police-court in the course of the
remanded. Bare wounded man,
sent in St. Bartholomew's Hospits
the neck by the angle of the
making a rery small wound. I
making a rery small wound.
divided, and the patient is doing well
dre
THR Late MURDER in Limhetif -The of death passed upon the prisoner Clark
der of his chuld, has been conmuted to pe for life.
Whe Pebblic Healith. - The ${ }^{\text {Thegatrar }}$ Weokly Return of births and deaths in
and in 13 other large Lowns of the Inted states that in the cok that ended February 1, 4712 births and 3182 deatho we Iered in London and in 13 other large tom 26 per 1000 persons living, being ${ }^{23}$ pend 24 in Birningham, 31 in Liverpool, 29 to Muman 33 in Salford, 25 in Shetlield, 21 in Bradfort Leeds, 21 in Hull, 23 in Newnstle-upoo. 1000 during the week ending the London the births of 1207 boys and $115 ;$ all 2361 children, were reglstered in the weal averake number. corrected for increase of popay week were 1391. It was the fifth week of the the aserage number of deaths for that weed,
for increase of population, was titin? The presea for incrase of population, was 1 ins. Th

## 73robincial.

 permn or jersons unknown. An wevan wete
the polire-court, three men and a wombers. They were Joseph Bealej,
with the murder. maker, a ripple, William Beesley 0 , mster
Charles Greyson, 3\%, hawker : and Elizaeti, Charles Greyson, 32 , haw ker; and Elizabetil,
28 . They were arrested in their beris at hall offered desperate resistance offered desperate resistance. The
remanded tijl Tuesday next. Anotlie family, a brother of the other prisoner who calling himself Morley, was apprehended an at Bristol by a detective of the birmungas was brought before the manistrates and remanded also until Tucadas
have been made on the statements of an Beeslers was from time to time cmployed to do hold work for the deceased, of whom she whis N hundred pounds in the house buduced the frome to resolve on robbing the house.




KPTRY - Conciderable exritement has been in th 5 tonn by the sudden disappearance o arah Maudsley, who has been for some yenr
of the Blackburn Branch of the Nationa
hat finmpany (Limuted), and who is boliued aderuter. A few months azo the bank susmed up The the present time its aifairs are
ghen nere mindured to invest their carnings in

meretary of the Blachburn district In acco

acmance with the sentence of the Battalion of the Ist Royals, on the fultestreets of Chatham, the pedsoner med with the letters " I3. C.." and o under ro five years' nenr The court-martial which commenced Canopus, for endeavouring to of her 1 his allegiance, was concluded on Frulay John Whetstone, compositor full bench of the fourth time on on on Sunday evemma, the chath ult statimned in the Citadel Barracks, to find with the cace in the town and by hom, and partly on the ground of a he time or not he was under the influgnce Fris, - A man named "Pinny" Inyy, the tuwn, lately confegsed to one shehn
iustralia, when dangeronsiy chimarih, dealer, of Shepreth, whoce dear inatter of mystery. Mr. Titchmarsh, as, all of which wero missed, and it the the time Loyd murdered himand took his notes Emanshosed by the jury at the maquest that Mr. The notes, it is said, were burnt by Imyil to T Dr steele, destructive fare liroke out in the Ho moming, The house and its contents were thy moy bund and a fireman of the brigade named principally sons of Foglish and Scoter
prietor in the neighbourhood, who, about half-past 6 on Saturday morning, observed the window curtains of
Dr. Stoele's study on fire
Beine unable to attract the Dr. Steele's study on fire. Being uable o attract the the door open with a sledge hammer. As the flames were spreadink with extraordinary rapidity, the belind them all thetr clothins. The fire brimade arrived abont 20 minutes to 8 , and as by flame, they directed all therr attention to saving the back premises. Whle the dereased was trying to put out the fire in the sclool-room the ceiling fell,
bury ing him and two other firemen un the ruins. The atter contrived to save themselves, one by springiag out holding on to the ledge of the window untul resupd by a ladder. The deceased, being cru*hed by one of the falling beams, remained caged in tho burning room, and though his cries for help were plainly heard, and a rope was thrown to hinl, it was mpossible to reach
him. The flames at this juncture reached his face, setting his whiskers and hair on fire, and he sank, face downwards, and perished. The flames made such rapid progress that by 9 oolock the whole of the premises, is ouly partly envered hy murance sb int 11 oclonh a
search was made amid the ruins for the body of the deceased, which, when diwoovered, was a mo hurred mass. An inquest was held the same aven
verdict of Accidental Death was returned.
Leicester.-On Monday evening an inquest was held in this town, on the bolies of Emma Sionerraft and Emma Preston, her dnughter. The child was theqitimate by a man called Preston, of Granthnm,
with whom the mother had lived after her hushand had eft her owing to her dissolute conduct. On Wednesday, the 29th ult., she snatohed it out of the arms of into the wand, rumning tomer herself The jury returned a verdict of Murder and Suicide.
Liverpool.-On Saturday the cab proprietors of this town struck amainst a new bye-law of the cab frec trade- with the fare per mile minted outside oach cab-should come into operation on the 1st of February Only one man presented himself at the police-oftice to take out the new hicence but be did not penture to place his cab on any of the public stands, The strike" commenced immediately alter midnight on Friday, to the grest disgust of several pentlemen away
from their homes, and who did not relish a long stroll in the face of a cale of wind and showers of rain. As Saturday was fine though stormy, the cabbieq made
the most of their holiday by drivang through the town in four-hores carringes, waszonettes, and other vehicles, all greatly overlonded, and driven at the fastest pace, slmuitaneonsly giving vent to theis handleerchioff. The "strike" still continues, to the great inconvenience of the public, and more especially to strangers arriving in the town by see, and it is now alsin, in order to support the cabbies, and bring the porporation more speedily to terms. In the meantime for ronvesance of goods or passengers, - On Wednesday eveninu a fire broke out in the church of St. nicholas, better known as the Old Church, in this biderabie damage was done to the buildios
Mosmotrit.- All the colliers in this county, with havinge come to the determmation, after holding several meetings, not to accept the proposed reduction of 3d. per ton. The turn-out will probably have some the strike will be of short duration, as the men are demand have led to the neccsitty of lessinning the cost of produrtion. At present precautions are being taken in the western ralleys of the conuty for the prevention force bas been strencthened with the view of affording protection to the enginemen and others engaged at the Ibercarne colliery. What step the
Ongar. -On the 30th ult. the body of a well-dressed man, apparently from 3is to 5 years of age, and 5 feet 8 inches in height, was found in the river Roding, near yarks from the old Dunmow Road, between Abridge and Ongar. It had evidently boen in the water for which ays, an was much decomposed. The cotming initials "T.I." in nld English characters. An inquest was hold on Sat urday at Stapleford Abbotts, but as no the river, the inquest was adjourned for a week. Th body, which still remains unburied, was not identified up to Wednesday aternoon. OrFond - The Earl of Derby as Chancellor of the Tniversity, has conferred the Principalshpp of MardaRev. Richard Michell, B.D., formerly fellow and tuto of Lancoln, and for many reary vire-promernal of Magdalen, and public oratin of the unveremty Economy in the Lnaversity rofessorship of place on Phical day, when Mr Bonnuy I'rce wiss elected by
majority of $42 \bar{z}$
over Mr. Rokers, the numbers beins majority of $12-$ over Mr. Rowers, the numbers being the cambridge niversity Boat Mr. Willan, the Prestent of the Oxford I'niversity Bost Club, on Tuursday afternoon for fixture will remain for future oonsideration, but, there is little doubt that the race will be rowed, sccording
to precedeut, on tho Saturday pregeding Good Friday, nuz, April 4. The diflirult th
will at onre be proceeded with
lorthand--1) two occasions during the last few days the Portland mayistrates have been called upon to investigate charges against warders of the convict establishment at that place for trafticking with prisonerk, warder named Nor of the establishment Schlota proved delvering notes which he had received from another convict named Malkienwiez to the to deliver hum annther note as he was talkine to the prisoner about a chain; but was prevented, by another to tear it The convict Milkienuiez proved that being datected had given him tobacen, and, to the best of his memory, he had recelvel $2 l b$. in all, which the prisoner brought to his cell. Witness gavo him two letters to post to his brother in Belgium, and one also to his brother-inlaw. The prisoner pleaded gulty, and was sentenced to three months' imprisonment with hard labour Peter Aldersley, warder, was next charged with gt tempting to introduce tobacco into the prison. He Whas overheard by some of the convicts under his Thenulwon, at the farel nflee at Wegnouth Kalway Station, and was taken into custody as he wRs in the sentenued to four montha' hard labour caly, and was sentened to four months hard labour

Sheffifin - Two brothers named Marshall, whim are scissor Erinders, were rattened last week, no less
than five bands being taken awny. They were formerly member of the Selssor Grinders' l'nion, but in conse quence of the depressed state of trule, nad the class of Work which they Rround, they were noable to con tinue the contributions, and some few monthe ago censed to be members of the I'nion. It is said that they have several times been warned by ofticials connected with the mon that it would better for them if they paid. Tho place in which they worked was properly sccured by the gatekceper, and the ratteners funnel which is the case, wall and then got through one of the windows.
Waluer.-The ceremony of "drumming out" a soldier was performed at $W$ almer Barracks on Friday, talon - the Royal coan Quin, a private of the lat Bat curt artiol onsilers, who his convicled at able and traitorous lanzunge towards the Queen, and also avowing himself a Fenian. Previous to being drummed out he was branded on the left breast with the letters "B. C "and was then removed to Canterbury to under\%o his sentence of two years' imprisonwen be on the cases of feser at Terling appear to the medual men and the fiberalits shown by the board of guardians and by Lord llayleigh, who is the owner of sout one-hir or the total number of deathse propery of to sund two females, varying in age from 17 to 78 . Meanwhil room into a temporary hospital hase been actively going on under the diremtion of 1) (irimson, the bed dins and atl other requirements being supplied at the expense of Lord laylemg, who is sasd to have given
carte b/anche to Dr. Gimson to provide every thing that ne lanche to ir. Guman to provide everythng tha hich ary an resper pital $i$ in considered necessary to remove to the hos at an soon as it is opened, which will probably be com any date, as the armnqements are now nearly Merey , well have been closed, and three new ones sunk, by direction of Lord Raylelgh, which will supply pure water from a bigher level than the old wells which caused the outbreak by becoming contaminated by sewage matter. Many of the pratients have been young people, and it in cleansing the cesspools have since been struck down by the fe
Worthey. - The adjourned inquest on George Thirkill, the head gamekeeper to Lord Wharncliffe, was resumed last week, and after several witnesses had verdict or "Wilful Murder"' against the three prisoners in custody, and also aganst a fourth man unknown.

## Erclanio.

Great Protestant Drmonstration in DublingA creat meeting, organised by the Contral Protestant Defence Assooiation, was haid on Wednesdiny in the persons. On the motion of the Earl of Enniskillen, soconded by Lord IU untingdon, the chair whs taken by
the Earl of Bandon. Mr. Ion Trant Hamiton, M.P. read letters of apology froun peees and others who arious phices The spenkers were the Charman, tha Maryus of Donnishre, Lord Bective, Sir Benjamin 1) L. Lord Oranmore, Colonel Knox Gore, Hon. Cavendish Butler, Mr Bruen, M.P., Mr. Gamble, J.P., Lord Casilemane, Mr. Deuiv, Kelly, D.L. Sir Cinarles Colonel Jeilie Mr. Peel Dawson, MP.Mr. John Gir Edward Grogan, and Lord Croftan Resolutions were unanimously adopted in support of the Constitution and Church, and expressing attachment to the
Throne: and a petition to the Queen was adoptad
praving her Masest to continue her suport to theo
Provestant Churobes in Irclind and cond condemnion an Proteratant Churohes in Iroland, and condemninp an
 Whiol is to have branolk societies in every district in the country.


 provement of Cork Harbourt and 10e000.

 Mue placed againat one of the gates of the etablahHeith tremond ous noiser The getat was blattored, the


 circle of four miles outside the city Fevien plot to athark Mraroom Castle and soizo
 at the moment an armed band was about to make the

 with the oity were out.

 the will, and $¥$ ho is wapposed to thave been the leader of s parts who in tended, if they coutid have thfocted an
 arms and ammunition. He was percoived by asontinel,
who at onco turned out the guard, but before the






Thrs REvorvib Robrbry ax Cobr, -On Monday


 Aport. Thit forner mas tully idontifiod. Subsequuntly, arreeted for biing concorned in the recent explosion of


Defences of Constabelary Bapracks-A meet-
 resolved to co-operate with Government in providing suitable defences; the Innd Improvement Act being extended, and the Government leasing barracks at : rent sufficient to cover instalments of loan.
Frnianish and the Romas Oathozic Clergy. -The Kerry Ereming Post says that Bishop Moriarty and his clergy find grest difficulty in oollecting their customary dues from their Roman Catholic flock, OFing to the Bishop's recent denunciation of Fenianism.
THE LATE MURDER IN QuREN's CoUNTY-A man who gave the name of Patiok Byrne was srrestod last week at Baldoyle, connty Dublin, for the murder of William Dunne, at Ballyadams, Queen's county, on who stands oharged with the murder
THz Loss oz Ters CHICAGO.-The Board of Trade jnquiry on the loss of this ship has terminated in the on the ground that he should have kept the shin's head of ghore till the weather cleared up, snd should have verified his assumed position by further caste of the
lead. Jennines, the marine who fired upon and wounded one of the wrerkers of the Chiengo, has been
committed for trial Banl wall be accepted for hina When the wounded man is pronounced out of danger.
The Enocation Commission.-The names of the
 Robert Kana, Kt.; Mr. Willinm Brooke, ona of the the Rev R. J ('owin one of her Majesty's Inapeotory
of bulools; Mr. John Arthur Dease M Mr. Jame.
Gibson: Mr. Scott N. Stokes Inspectors of Schools: Propesor Sullivinn of Ireland Chemistry in the Royal College of Science taries are Mr. G. A. Chiohester May, QUC, and Mr. 1).

## Scotlanto.

Pabliamentary Rbpresbntation of Scutland. Pron Monday ny nht a meeting. oalled by the Lord
int the inhabitants of jedinburgh and others intanetho in securing adequate representation for Mutiod in the House of Commona, was held in the lution, whioh and wag largely attended. The first resonssigned to 8ootland, in proportion to other divisions respective population or their with referenco to their

Imperial revenue, is much too small, was proposed by
Mr. M'Laren, M.P. Other resolutions in support of the objeot of the meeting and demanding 15 additiona memberr for sootland, were also passed, and the lord
Provost was authorised to sign on behalf of the meetiur
 reme reunt hites and burghs in Scotland for support
MURDER TN DUMPRIRSSHIRE, - On Saturdny
 Chomasina scous son by her mother to Annan to
Cuymeltrees. was sont
buy buy groceries. On her way side stopped to rest at the itting there was Robert Smith, or Colvin, a harvest
labourer, who was well known in the district. He qid her, also was going to Annan, and leff the cottage witn the girl, who was never alter seen alive Three
hours afforwards ho returned to the cottage and hours afterwards he returned to the cottage and
attermptod to
het
her her with a pistol-1t is supposed to annihilate the
evidence she would bo able to give of his having
been in oompany with the girl. A fearful struggle
ongued, during which he attacked her with the fire-
tongg, when, just as she was exhausted and unable ensued, daring which he attacked her with the fire-
tongs. When, just as she was exhausted and anable
to offer further resistance, two lads came to the
door. The murderer immediately rushed out of door. The murderer immediately rushed out of The house, left his intended victim, and ran away.
Materson received several wounds in the Mra. Paterson received several wounds in the followed on necount of his attack upon her, and was arrested at ('arlisle on his way souilh. The murder o
the little kir! Scott was not then known, but he the little cirl Scott was not then known, but hes
parent: bernanif alarmed towards evening at her not returning lome commenced a search by lantern lisht,
and latent night discovered her in a neighbouring wood and late nt ni ght discovered her in a neighbouring wood outraged, murdered by strangulation, and robbed of
about 10 s. in silver with which she had been entrusted. There were marks of a violent struggle in the planta tion, and the girl had been strangled by a thin ligature -nrobably a legthern boot-litae. The prisoner, Robert and is a native of Baglesfield, near Kirtlebridge, in Dutnfries.hire He has been evatutued this week by the Sheriff-substitute, and committed for trial. The inguiry was conducted in private; but it is understood that the grisoner has confessed his guilt, stating that that he attempted to misher the women caire, and could have given cyidence of ins homang left her cotcoud have given chidence of ins having felther cotared that luring the interval between the two crimes which he fired at the woman when he firstatacked her. The pistol was afterwards found in tho cottage, and some percussion-caps were found upon the person the prisoner
ThR OVERLOADMN OF SHIPs.-The Board of Trade inquiry as to the loas of the TVanhoe has terminated in way seaworthy and that as her deck ueith, in every in her general cargo, and was not in exoess of her carrying capacity, there was no proof that the cargo carried on deck was the cause of her loss. On Priday night a public meeting of "sailors and houselholders iavourable to a conference regarding deok loading and
overloading of ships, and the case of the overlonding of ships, and the case of the Ivanhoo,"
was held at Leith, and was largely attended. Mr. John Adam, who presided, moved a series of resolutions to the effoot- that the Ivanhoe was too deep When she left Leith on the first of December last; that the stowake nt her cargo, with special reference to deok loading, rendered her unsoaworthy ; that the recent Board of 'Trade inquiry into her loss had not been properly conductel, yarticularly as the Court gave in its finding no decision relative to the stowage of the cargo: and that a properly qualified person under Government should be appointed to inspect all ships before leaving agreed to send copies of them to the Lord Advocate and the Board of Trade.
Breach of Promise of Marblage-An action for breach of promise of marriage, in which the Hon. William Bruce Oxilvy, bon of the late Earl of Airlie, and firmerly Captain in the Coldstream Guards,
reciding at Cowden liture, Perthshire, was defendant, residing at Cowdch fluase, Perthshire, was defrendant,
and Miss lanns Pugh, residing at the North-Weatern
 Intel, stalford, was pursuer, was tried beforo Lord
Barcaple and a jury, in the Court of Session, at Edin-
burgh, last week. large bemamin Pugh, of Treberth, Pembrokeshire,
gentleman farmor, and 27 gentleman farmar, and 27 years of age. In 1885
ghe was managing the Crewe Arms Hotel, at
Crewe, wom the defoudnnt bocame acquainted with
her, and, as she nileged, not ouly promised marringe her, and, as the alleged, not only promised mamriage, , be men
month's warning. The defendant subsequent.s broke daughter of the late pew-opener at tha Jewish Synagogue. Datranges were laid at 5000k, the jury returned a verdict for 12000 .

## 3ailways.

OpRNiNG of THR New LiNR of The Metropogoods traftic oniy, when several ted last week for over it between tho Great Northern and
Chatham, and Chatham, and Dover lRailways. The indepondon. service which will beafforded to the Metropolitan line, Midland Great Northern, and Londons between the Dover will, it is thought, prove a great boon to the company. At the present time there are boon to the

173 down and the like number of up tritios
King's Cross and Farringlon Street driog
 mas: ongers there "ull be little fare
modation. There will be little, if
if
the number of the trains; and
passengers carriages or shift their fuge FATAL ACCIDENT ON TEE CAMBRILAR, will
 early hour while the mail train from 8hr
Welshpool was passing over it. Tho engena the driver and stoker were killed bis ben sengers seriouily hurt
ficcident in tre preston Texsfe -a afternoon while a grods irain froin 1 mand
north was stopping at the exit from the Pre north was stopping at the exte fron the
to take in water, another goods train the tunnel and ran into it with suoh Come or
wageons and the engine of the second th Wageons and the engine of the sea
smr hied to preces. No lives were loshis
 the North British Railway shareholdars ma Edinburgh on Monday, when the agreememan
Caledonian Railway was adonted. Caledonian Railway was adopted. A motion! a
was withdrawn. The arrangement is noto was withadrawn. he arrangement
without the shareholders' consent.
Tha: Itreropolitan. - In the Courf of Cha Friday, in the case of Bloxam v. the Me declaration and papment of a dividend ont which were allegrd to be capital of the Vice-Chancellor Wood gave judpraent to tho the carnings of the live from Paddington the charges of the management of that the interest of the money borrowed and thereon, but also for the charges incurre. manakement of and for the payment of the ine
the money borrowed for and expended on the the money borrowed for and expended on ther
in the course of construction which are now in in the course or construotion whach are now wis of this judgment the directors have annour
the dividend to be paid will be $2 t$ per cont the dividend to be paid will be 2 per cont in
half-year, or at the rate of $5=$ per cent. on tho half-yenr, or
Compensation Case.-A jury were summ days since at York Castie, before the under Lancashireand Yorkshire Railway Compony? liaving boen allowed to go by default. Tha den were laid at 20007. The action had been bryw ained in collision in tho Jouline tunnel ner $\$$ ford, on the 7 th o of Maroh last, wheroby the or Elland, vas yery soverely injurad, and had assesssed the damages at 11000 ,

## 3 xしu.

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$\qquad$ restrain prooceding, the by unpaid gave the Cou

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 Putrituc Fuand in consideration of his roindia, Ho was an







 turs of Mimat, and tho Rectro. He nerved nifo in the cam.

 aeverry youmded in tho aikle at Oluthe gras. He had the













 aqo g4 "Vaughall if icleester,
Dr. Vaughan, viear of Dubcater
Profysinne Stessill, late lhofesser of Xitural Philosophy
 his didention int Trnits appointed proferssur in the Belfast Institution, and on the funndition of the Quen's Culleges int 1919 ho wres chosen to
fill the ebair of natural philosophy, which he held till August Inat. When, in consegt.
Mr Fravcis Br ruaitn Ibeaminfl, D.L. and J P., late MP for Cork, died on the lat anst, aged 6.5. He reprcsented Cork stanch supporter of Ined Intmerstan. Te geldoan spoxe, Dut He nimpited in 1sar the sister of the hto Lord kinganle. At Clith. Wit ifam Fintatanvi, of Liverpool, died at his honse at Greenlanks $n$ few days rince in lis Slst year, haring graundergone Ito lad heen intimatily conneotea with the emmercial anit pulitical hintory of lis erpool for upwards of G years. In bacincsi Lis riputatull was of the heshent or

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## sfarkets.

## covent ganden. -Fime

 Lattueses Bodive, Aparagub, and Artichokeer sorillo orangau






## newgate.-Feb.

Best Prash Butter
18a par donea lb
mocound do. do. $\because \because a$
HOPS.-Bohovar Market, Fiday, Fcb.
 fow eales of fine deseriptions during the week,
of 10 s , to 12 s per cwt on last week' pricos

HAY.-Per Loed of 30 Trusses. Biathinili, Thureday, Feb. 6
Best Groen Hay
Prime Meadow Hay 75 s to 8 in inferior dn.
Sistoloss


 LFADENHALK AソD NEWGATE POULTHY, \&c. Our markot remains in a fery dublill stato: the tride is very bad. A chatuge may now be oxpected, as tho sale of Pheasatat


## COALS-Feb. 5



 is. vi. Walls End Hawthorn, 15\%, Bd. Shipe at markets

POTATOB.-SOUTHWARK, MODday, Teb. 3.
During the mast treek the orrivals coastwise, by rail, and finmpes has been geod tho folluwing quutitions.

 Engt Lothlan Regerts, 140s, to 1608. ; Perth, Forfar and Frife Regents, 1208, to 140s, ditto Rockes, 1108 , to 220 mos

METRUPULITAN CATTLE, MARKET.
We have rather a larger aupply of Beasta than on Monday lnat : trade is not brisk, and our top quotativis are glven only than lant week, yet quite equal to the demand; in sons instruces higher prices are obtained, Calves are not quite so dear an of lato. Out foregn muply considsts of 010 Beast 883 Sheep, and 64 Calves: from Beotland thore are 393 Beasts; from Ireland, 150 ; from Norfoll and Buifols

 Thlenday, Feb. 6.
The supply of lieasts is by no means lurge, yot the trade in for any deacription. The number of sheep fin eonsldenably
 are soarce and readily ilisymsen, ind 45 Pigah
beat scuts, hiero-
fordy, ec,
Best shorthorpa,
i quality Beasta
Best luwny and
10
8
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MARE LANE-MOMDAY, Feb.
The eupply of Thent from Essex and Kent to this momming' ${ }^{\text {an }}$ condition, tt was quite unsaleable; the hetter sumples were
taken freely at the full rates of this disj se'qualght. The


 of but tho ratce of this day se mon pricht．Four sold slowly Whatre pre imprat Yanten こ 二 ino neitectid

 （ Bzz Ryz
Ryr mein，Foreign
Bin

 Mizy Muplct 419 zu $45 \%$

From the 31e Yaidal











 forwart hhipment was ittle in inuired after，Rse and Man

 The arrivals（f all grain，both Finglish and forelgm，thts Wras thinly attectuled，and millerall showed littie disposition to archast reduction was accored to for inforior deacriptions Arrivals This WEEK．

| Figlish IHwlı． <br> Forcisth．． | Wheat． | Barley． | Oats | Mour． |
| :---: | :---: | :---: | :---: | :---: |
|  | 2.0 ¢̧m． | $630 \mathrm{q} \times \mathrm{s}$ ． | 310 प甲 | 3.0 cks |
|  | ＂ | －＂ | －， | － |
|  | 4160 | ［1， | 10 ．， | $\left\{\begin{array}{l} 1450, \\ 1800 \mathrm{brla} \end{array}\right.$ |
|  | 4180 | 1130 | 400 |  |

Itverfool，Tuesday，Feb．4．－There was moderate bave decined genembly about 3d．per cental mince Friday． Heans and Peas without alteration．Opta and Oatmeal quint Indiath Corn pressed，ex quiny，at Is，declino ；mixed， 49 s .6 d In rather better demand，at Tuesdiny＇s nates，Flourket，Wheat than Tueaday．cheaper．Beans Gd．，and Pess 18．©d．lower Corn in moderato demand at late rates；mixed， 43 s, to 43 s ． 6 d Aterages．



M


$\mathbf{M}_{\text {BOOK－KEFFER }}^{\text {R．WULIL }}$ is in WANT of a CLERK and Wor Men Thra 1


 W ANTED A GAREVNER（Single－handed），to kee

 $\mathrm{W}_{20}^{A N T E D, ~ A ~ G A R D E A E R ~ f o r ~ a ~ F a n u l y ~ H o u s e ~}$

 W ANTED，a WURKLNG GARNENER，In a London

 A YOUNG MAN of ability ${ }^{\top}$ ns a GARŪENER an



 W ANTED，near London．TWO YOUTHS to Learn 1 the Growing of Fruits and Flowers for the London markete
 DTANRED，a NURSERY CLERK，－Must be

GHOPMAN WANTED．－Must he a good Salesman



GHOPMAN WANTED．－A Young Man as UNDER SHOPMAN．He Must have a good charncter ahd good Addross．
W ANTED，\＆good DAIKYWOMAN，and to take the


WANT PLACES．－Letters to be Post Paid．
H XPERIENCED GARDENERS（or an GARDENER


Caraeners（Fead，Foremen，and Under）
J AMES CARTER AND CO．having many applications Addrean mid Coplem of Teatimoninas，for entry ta their FREE
 I R．WM．PAUL begs to announce that he hat

 （ARDENER（Hean）－Age 27，single； 10 years＇first Temple Bar，London，W．c． （TARDENER（HAAN），－Age 34 ，married，no incum－
 （TARDENER（HEad），－Age 28，single；has had much Fearoc unexceptionable chrracter from last omplogor－X．Y．，Mr
CARDENER（HeAD）－Age 32，married；thoroughly



 （TARDENER（Hpad）－Age 36，married ；understands



 prifersta，inctudiza hith karly and Tato Forciegs Planting of his
 （J a

（TARDGNER（HFAD），－－Ago 30，married；underatands
 （ARUENER（HFAD），to any Lady or Gextleman


（ARDENER（Hean）－Age 30 ，married；thoroughly











## Notice．

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 Jolmolar，Sumpox．

Gardener



GARDENER，with a Floritt or private $G$



CT ARDENER（UNDER），Or FOREITAM
（GARUENER（UNDER），in a Nobleman＇orged

To Foobiomen＇s and centiomen＇s Gandeas
OREMTAN in a first－class
Kstablishment

 NURSERY FOREMAN or PRUPGGit

$\mathrm{E}_{\text {Conte }}^{\text {STATE IMPROVEL－Moblemen and }}$




## LAND STETMARD or BALLIFF－AEQ




$\mathrm{B}^{\mathrm{ALLIFF}}$ and MANAGEK

B ALLIPF（Workwara）．A Man and hit with

A GENT or REBDIENT STBWARD，－
Ranta，ac，colicceod on ramon blote terma
A PRRLNTICE to a Nurseryman


ASISTANT SHOPMAN（Or UTHERNIDE－
HOPMAN（UNO the Beod Trade Howe－

BSISTANT，\＆o Soedemon．
SISTANT，\＆C．，in a

## Garjentrg $\mathbb{C}$ hromicle路的қpaper.

AITCBDAY, FEBRC'ARY 15, 1868.

## UATDS IMPROVEMENT COMPANY,

##    <br> dran or haken on the sec-conet or on the benlen of mentred for Farm parposes, and the

 undor the provisons of any Act of Parlia- anm ngothate the Kent-charges obtained by
 CHOOL of MINES, Jermyn Street, Yebracrg 16 at $120^{\circ}$ clock, to be continued on every
Biturat, at the same hour. Fee for the


## 7hone Xcions

## -The Queen and Royal family continue

 day the Queen drove out with Prig-essHolstein. On Saturday the weat out in the morning with Princess Christan tore out in the afternoon with Princess Louisa, Pnncess Christian, and Princess Henriette Sunday the Queen, Prince and Princess Princess Louisa, and Princess Henriette, nam On Monday morning the Queen Fith Princess Christian sud Princers Lonisa and Princess Beatrice ing the Queen went out with Prin Count Bernstorf, Lord Stanley, and nley had an audience of IIer Majesty, an Confederation. Baron Magnus nvoy of the Court of the Emperor
an alidence of the Oueen. On Wed. Queen went out with Princess in the afternoon with Princess if Oborne. On Thursday the Princess Louise.
Prince George wales, with larlborough House on Tuesday, ovember 14. It is stated that the dhe utmost advantage from the Without the aid of the stick, and
parceptible lameness. On Thurs-
Int to the House of Lords. The
In the evening their Royal Highwent out Thentre.
s progressing very sat moming ontal heon yesterday says that fered severely on more than one by affect persons otherwions whech tion, but it will undoubtedly,
any kind or fromold to abstalain, departments of professional activity Atalis EEMENTS--It 15 snnounced that Her raisquence of the late ing unavoidably prolonged
Coprince Leopold,
ipotphich was announced for Tuesday, March BE Coned till Friday, March 6th. That the offical Cabinet Council Was held on thid on Tuesday. The Earl of Derby, who is suben unable to leave Kout, is still so we meak that ALLMERTARY Moyements.-In the House of andsbire in the room of Mr. Heatheote, called to
House of Peers by the title of Tord Aveland ELanther also toolk his seatle for Westran Aveland, in

Was ordered for Stoke-upon-Trent, in the room of University of Cambridge, racant by the appointment
of Sir Jasper Selwyn to the office of Lord Justice : and a nir Jasper Welwyn to the oftice of hord Justice; ant
ment of Mr. Brett as Sacant by the appoint
molicitor-General ment of Mr. Brett as Solicitor-General. Mr.
Beresford Hope and Mr. Cleasby Ilare in the
field for Cambridge University, and committees to promote thieir election have been formed both in London and Cambridge. Mr. George Melly and Mr. for Stoke-upon- Trent, the former in the Libersl, the latter in the Conservative interest. Mr. Brett, the Solicitor-General, will probahly be re-elected for
Helston without opposition, the Liberal party being divided in opinion as to conteating the seat on this of Alison, Merry, and Cunningham, iron-masters Glasgow, is announced as a candidate for Lambeth
THE NEW SHEBIFFS.-The following is a list of the Sheriffs sppointed for the present year for all the Fnglish and Welsh counties excenting Cornwall:-
Encland: Bedfordshire-Sir John Montagu BurLoyne, of Sutton, Bart. Berkshire-Alexander William Cobham, of Leighton Park, Reading, Esq. BucksJames Carson, of Spinfield, in Grent Marlow, Ebenezer Foster, of Brooklands, Cambridge, and Shippea Manor, Isle of Bly, Esq. Cheahire-John Coutts Antrobns, of Eaton Hall, Congleton, Esq Derbyshire-Francis Westby Basshawe of The Oak 3 near Sheffeld, Esq. Devonshire - Sir Alezander Palmer Bruce Chichester, of Arlington Court, Bart Dorsetshire - Charles Joseph Parke, of Henbury. Dsq. William Charles Smith, of Shortgrova, Saffrom Walden, Esq. Gloucestershere-Hattil Foll, of Beck ford Hall, near Tewkesbury, Fw. HerefordshereT'omkyns Dew, of Whitney Court, near Herefnrd, Eig
Herlfordshare-Robert Pryor, of Ingh Elms, Watford Esq. Kent-Stephen Musgrave Hilton, of Bramling House, Ickham, Esq. Lancaster-Lo Gendre Nicholas Ambrose Lisle Maroh Phillipps de Lisie, Garendon Park, Loughborough. Fsq. Jincolnshive -John Wilson Fnx, of Girsby House, Market Rasen, Llanfrechfa Grange, near Newport, Fisq- NorfolhThe Right Hon Thomas Heron, Viscount Ranelagh O'Brien. of Blatherwycke, Esq. NorthumberlandJnhn Blenkinsopp Coulson, of 13lenkinsopp Castle, Esq. Nottinghamshre -John Baghaw Taylor, of
Radelife-upon-Trent. Tisq. Oxfordshere - Whllanm Earle Biscoe, of Holton Park, Esin RulandShropshire - Charies spencer Lindi, of Laton Kelston Park, Esq. County of Southamplm, Sir
Edward Mules of Breamore House, near Salisbury
Bart. Staffordshire-James Timmins Chance of Rart. staffordshire - James Mir Chins Chance of Bunbury, of Barton Hall, Bart, Surrey-Robert Cuter, of the Grove, Bpsom, Esq. Sussex-Henry
Pocter Crotts, of the Abbotts, Somptiog, Esy. Peter Crofts, of the Abbotts, Sompting, Esq. Esq. Wesimoreland Thomas Taylor (commonly called Lord Konlis), of Chderiey Jall, Kirkby Lonsdale,
Esq. Fillshire - Charles John Thomas Conolly, of Cottleshouse, near Melksham, Esil Wor Charles Inchat Berington, of Villam Ramsden, of Byram, Bart. W.alfs Anflesey-J Lenry Lambert, of Tan-y-Graig, Esq. Breconshire-John Evan Thomas,
of Penishayentre, Esq. Cardiganshire-Alban Thomas Davies, of Tyglyn Aeron, Esq CarmarthenshareCharles William Nevill, of Westfa, Llanelly Esq-
Carnarvonshire - Robert Carnarvonshire - Robert Sorton Parry of Ian-y-
Graig, Esq- Denbighshire-Sir Robert Alfred Cunlife of Acton Park, near Wrexham, Bart. FlintshireRichard Pelhan Warren, of Hope Owen, Esq. Gla-morganshire-George Thomas Clark, of Talygarn, Esq-
Merionethshire - Richard John Lloyd Price, of Rhiwlas, Esq Montgomeryshure-William Fisher, of Maesfron, Esq. Pembrokeshire - George Richards Graliam Rees, of Penll wyo, Fsq. Radnorshir
Walter Thomas Mynors Baskerville, of Clyro, Esq.

## Foretin

Frances.-In the sitting of the Corps Legislatif on Friday the debate on the Bill on the Press was resumed Articles, 4,5 , and 6 were referred to one commintee. debste was resumed on Article 10, which provides tha offences apanst the Press shall be tried by the tribunals of Correctional Police. M. Jules Favre moved as an Courts of Assize before a jury. After an animated debate, in which MI. Pinard, M. Thiers, M. Nugent St. Laurent, M. Baroche, and M. Jules Favre
to (the part, the amendment was rejocted by I99
to $\mathbf{5 5}$. In the sitting of Monday M. Jules Simon to 85. In the sitting of Monday M1. Jules Simon proposed that the lapse of time during which journal could be prosecuted after the committal of an Wience, should be three months, mstead of three years. amendment, which was rejected by 190 to 45. I Sohneider, the President of the Chamber, replying to M. Thiers, stated that the question of the rotation in and would form the subject of an additional article. Art. 10 was adopted, and Art. 11 then came under dis. oussion. phalty of imprisonment in cases of defamg
tion of private persons should be maintained, was
taken into consideration. In the sitting of Tuesday, after speeches from MM. Picard, Jules Favre, Rouher, and Ollivier, the identical amendments of
MM. Gueroult and Beauverger, propasing that MM. Gueroult and Beauverger, proposing that the casas of defamation of character, were rejeoted by if0 to 59. In the sitting of Wednesday Artiole 18 was adopted by 205 against 38 votes, The Epogwe of complete administrative change is about to occur in a Liberal sense. The modification in question would be Ihe establishment of a Parliamentary Cabinet. With Segris, and De Lagaeronniere. The Epoque adds that this rumour requires confirmation, but it is not unlikely to be correct The Presse and the Liberte military contingent for the sear $180^{\circ}$ at 100,000 men was presented to the Corps Legislatif on Saturday. The departmental journals publish a circular of the Prefects of the different 1 ith inst., enjoining erder immediately a consus to be made of the man called to compose the National Garde Mobile The rasult of the census will be published between the 6th and the 23 d of February. The circular points out names of the men on the lists, without there being any necessity for calling the men together st present. The Presse announces that the Exhibition building in the Champ de Mars, together with all the materials composing it, was sold on saturday by private agreement the sum of $1,100,000$ francs. The money is to be paid donn. The printing establishment of the abes mimated
has beon destroyed by fire. The damages are estimater at $6,000,000$ Prancs
SPAIN. - The ceremony of the delivery to the Queen of the Golden Rose sent to her Majesty by the Pope took place on Wednesday in the Chapel of the Minace. of Finance. In consequence of Senor Barzansllana and Senor Belda having respectively resigned their posts in the Cabinet, Senor Sanchez Oscana has been appointed Minister of Finance, and Senor Marfors provisionaty on Mistary the Public Offices Bill came on for debate. All the Ministers were present during the discussion. In the sitting of Thursday the Bill relative to pablic functionaries whs discussed. At tie end of the sitting a royal decree was read appointing Senor Sovero Catalina, at present director of Pubd Senor Cabezas y Montemayor will resign hia post as Under Secretary of State for the Finances. Acher of a General of Brigade to proced to Abyssini Portroal.-The Count da Ponte de Santa Maria Mrmill of the Portuguese army, is dead. Severa

## the now taxes.

HoLlisnb. - The second scrutiny of the elections to The result was the election of six Ministerial crand. dates, three of whom werc old members; and five Opposition candiuates, frree of hoom were in the of $3^{3}$ Ilouse. The general result hiss been the election belonged to the Houne and 38 Opposition candidates 31 of whom were old members. One candidate of each party and Herr Vanreenen, the cormer President having been nominated for double cunstituencies, three new elections will be necessary.
Prussta-The Crown Princess of Prussin gave birth to a prince at three ofolock on Monday morning are both doing well. Dr. Gream, who left Iondon to be present at the accouchement, will remair in attendance for a few days. In the sitting for establishing a special fund for the provinoe of Hanover, and for including in the ordinary budget a yearly amount of 500,000 thalers for that purpose, was to be by a majority of 200 to 168 . The Conservative party in this question. After the close of the sitting Count Bismarck requested leave of absence for an indefinite period, which the King granted. During Count Bismarck's absence he will be replaced in his afficial Provizciat Corre of Finance. The semievening says:
"The abetinence of the Minfiter-President from officiul
businese will certainly continue until after the clote of the Chamburs. The preliswary helilherations in reference to a
now arrangement of The rumpur of differates of oninion existing in the Cabinet on this point is entirely unfounded.
Preliminary arrungements are being made by the Ministry of the Iaterior for the establishment of a emigrats by directing them to cortain societies and shipping agents.
AT'STREA. - In the sittoing of the Committee of the Reictssrath Deieqstion on the war declaced that reduction of the the effective strossible. Nevertheless it was possible to effect certan economies in the cavalry, the military, and bands. Baron von Beust, in reply to an inter pellation on thelations of the empire, and in conpresent coren that he considered the foremon rela olusion said that he considered fins of Aia to he of peaceful a mature that all danger of war must appear as a thing
only to be brought about by extraordingay
events; although every effort was being made to $\mid$ Minister, presented his credentials to the Pope as eventa; although every enfort although there wa
ward off all dangers, and and
every reason to bope that peace would be maintained yet, on the other band, it appeared necessary to mainAustrin army on surin a pente meo an attitude insprring respert, and at is slinet notice send her army into the field ready for antion In the stting of Wednesilay the Budget Committee of the Estimates of the Ministry for Poreign Afthirs the followng paragraph -

 dismity.
The Reicharath resssembled on Monday, when Dr. Kaiserfeld was elected President of the Lowser House. In acknowledying his election he alluded to the system which had been afforded by the appointment of a Parliamentary Ministry, and said that a Ministry Reich wath whuld certaitly receive the support of the House Irrtice Aversperg, the Yreandent of the
Councul, asked the Honse to flace conndetue in the Mimstry in orter that the system now introduced might be streagthened. The Ministry had been appointed in order to carry out the principle of ane Governent upon the principle of nelf-government, it would, in case of necessity, strictly enforce the observance of the laws. It desired to promnte the strength of the State in unison with the Reichsrath. The Austrian Goverament has replied to the complaints of Prusala relative ment has replied to the romplaints of Prusia relative of the Hianoverian Legion. Austria promises that an investigation thall take plare on the subject to ascer-
tain whether any irregularities have occurred, and tnin whether any irreqularities have occurred, and
announes the adoption of strict preventive measures ninnounces

Italy. - It is stated that the Pope has kranted a dispensation for the marriage of Prince Mumbert with the Princess Marcharits The Chamber of Deputies on Friday concluded the discussion of the Estimates of the Mimatry of Publuc Instructiou. The Estimates of
the Ministry for Foremn Affurs were approved. On the Ministry for Forelgn Affars were approved. On
Saturday the first ceven articles of the E-timates of the Ministry of Marine were voted mignor Danneo moved an order of the day, whech was accepted by the Minastry, and npluroved by the Chamber, engaging
the Government to the Government to present within one year an Sipnor Cardona presented a Bull for the reorganisation of the Provincial Central Administration. tax have decided to impose the tax upon the grinding of coreals, but rejeoted the proposal to extend the tar 2 otire per quintal, and 1 lira on other sorta of satain. The Commiter hivve alon remented thin Ministerial nri
 announced that the mimhers depruted by the Chamber
to congratulate the km m on the approarhing marriage to congratulate the himg on the approarching marriage who had expressed bis heartfelt acknowledimments for the good wishes of the national representatives The Chamber then recumed the discussion of the Estrmates of the Ministers of Marine, and voted the first 23 articles. In the sitting of Tuesday the debate on the Eistimates of the Ministry of Marine was concluded, and the the Ministry of War. In the sitting of Wednesday the debate on these estimates was resumed, and was continued on Thursday The representatives of the Itaian and Swiss Govermments have sixned the the the telline and the Canton Grisons. The King signed a decree on the 9 th inst. authorising the retireMinister at the Court of St. James's. The Prefecture of Mulan has been declined by the Marguis d' and subsequently arcepted by Count Torre. General in the provinces of Filletri and Frosinone prevalts eruption of Vesuvius has broken out witli frecil

 Vilad roview of the Papal troops took place at the decorations amnng the officers and men. The youthfal Pringe Savadir ltarbide, zratiloma of the Emperor Pontifical Zovaves. A telegram from Munster, duted the Gth mat, Las been published at Rume, annodacin. that the fint a direms of the (rerman studeuts to the In this address they announce that thene will to Rome. 20 Zouares for the sersice of the Pope will maintail the negntation- of Austria with liome for the rat that of the Concorlat encounter serious dificulties. Barou von Beust has drmanded the complete abulition of the prosent Concordat an a prulininary itep, but the pupe eations proposed. On the other hand it for the no luiPrustion is endeavouring to establish more intinate relations with Romae, and has taken steps to obtain the Wedneadent laft an Apostolic Nuncio at Berlin. On

Royal deoree has been issued dissolvina the (Ireek Chambers. The elections are fixed for the 3d March. The new Chambers are to meet on the English Minister, Mr. Erskine, at which the King and Qucen of the Gretks were present. The new Ministry
have published their programme, of which the following is an extract -

## affairs, and the necesaty, alictatod by pure patriotism, that



Tureer. - The Levant Herald states that an rmperial order was despatech the the lith, recaling him from Crete. The Eayptian mann.
Sphyla and tee Principalities.-It is asserted that France, England, Austria, and Prussia, have made representations to the Servian and Rouman Government on the subject of the armed bands assembled in the Principalities, which are said to consist of 2000 Servians, Russians, and Roumans. It is sald that Prussia, in expressing her disapproval of any sort of incitement or protection being given to revolutionary intrigues against the Porte, at the same time declared her conviction that it was the duty of the Servian Cabincts in not to mppose the withes of the Ropean arent in Paris, the Cabinet at the Tuleries a formal denial on the part of his Government of any participation, direct or indirect; in Ruspian or Servian manceuvres.
Carmpis.-It is stated that at the urgent request of the British Ambassador, tho Porte has consented to grant to the Cretans administrative regulations murh Gore iberal than those orignally introduced by the true national ropresentation, and to the participation of the population in the government of the conntry. Tie (rreek steamer Creto. while on her way to Candia two Turkislu crusers She succeeded, however, in landing her cargo, and returned to Syra. Russian Ecyprinue to transport Cretan families to Greece. Tugist.-The Viccroy has imprisoned a number of Tunisan oflicers, suspected of having been concerned afloat concerning the conclusion of an important financial transaction by the Viceroy.
announcinia.-Adices from Annesley to the 23 d ult. announce a rapid movement of troops to the front. A
hatterv of artillery left, on the 20th, for Senafe: the
jumes of the thi Europeans were to go forward imme-
 a force of 1500 men, consisting of cavalry, artillery, and infantry, adranced upon Antalo on the 26th ult. It Was reported that a kkirmish bad taken place
between Abyssinian freebonters and a British reconooitring party in the direction of Antalo, but the rumour has not been confirmed. Advices to leb. 2 state that Sir Robert Napier is about to advance from is at Magdala, and that all the cantives are with hime Menelak has been defeated, and has retired to Ankobar The 21 st Bengal Infantry arrived at Annpsley on the $2 d$ inst. The Panjabes landed on the 28th ult. The native the Ars are to be sent back to India. The wells on Khe American principle have proved successful a iahting of the Abyssinian coast was reported a complete. The Egrptian troops are pushing forwar Ithout the concurrence of the British authorities
TwDra. The Times of India states authoritatively or the vessels are employed in the Indian seas and or the Abssinian expedtion, and that the monthly Persit. - According to intellige
Constantinoplecording to intelligence received at a especially virulent in the province of Mazanderan.
CHiNA. Mr, Burlinghame, who has been appointed Minuster Plenipotentigyy for China to the foreign
Courts of Lurpe, arived \&t Shanghai on December
10th. The report concorning the able to the Trports concarning the Nienfei are favourDecemher. Al Shanghai on the 17the and felt

JAPAN. - The preparations for the opening of Osac and पi0. We were being ravidly ad vanced, and the
formidable deet of 1.5 of 16 men of war asvembied Osaca lay was coundered to be a safe guarantee that the opening of the ports three months hence would be acably eupeted
meet with a magne Duke of Edinburgh continued to mania on the the of January The Judres for TasGovernme Court had declared against the validity of Government payments under confessed judgnients, Was to take place in Janury. The deoralon of the Home Goveroment recrarding the postal question had MLerivitus with great satisfaction.
a a covere gale the British shon $\frac{\text { Mauritius state that }}{H}$ totally wreaked. Threo sailors were drownod and the
captain hurt.
apperance.
appearance. States. - Mr. Edward
Tevited.


 stating that the President
question to an immediate
that the report

 The House of Representatires have bred seed orsest Court had, in report that a Judse of ith Reconstruction Act as comeonstition, tetemy wist that the Supreme Court would so der de it is ant in offence demands impeachment to report misen the Freedmen's affairs have repirtel 3
the Fredman's Bureau until Juls, 14, Ts es es information relative to the 1 ral of Fatury $y$, 3ill colonel Lynch by the lirit. ith auth, the the the has been reported by the Comunttee ul Fortso $1^{\circ}$ nomb by to the House of Representatives The sensi a puin den passed the Bull, previously pazsel by the Huva $W_{1}$ th an amendment retaintan 19 larrarlus 270 to the At a Democratic mass meeting at Vem In ors oo diopt week a Desolutions were adopted of Congress as revolutionary and partizan ing the acts of President Johnnn. T
speakers were in favour of Mr. JoLason speakers were in favour of \$r, Jolision
for the Presidency. Tue Cinnectl ut
State Convention State Convention has adopte and strongly denouncing that of Congres nessee Radical Convention has alopted a favour of the nomination of (icgeral $\mathrm{F}_{\mathrm{m}}$, It in olficially announced at $\pi$,
Presidency. that the treaty ceding the island of St Thic United States has heen ratitied at Copenhagen
Canby has issued an order excmpthin property Carolina from leund executions for three disastrous fire hus tuken place at Chrason an Hums
 confirms the disastrous defeat of l'rado by tit y Wive tionists before Areguipa, and states that Le Prado afterwards left for Caili. Tutense now held by the revolutionists.

3paxliament.
 the attendance of jeers was numerour, butn) Tiz Lut
 = No public buaness was ins ry rathor
 of the EXchragrer announced that the Sceta i
Bill woun a
 second time, Lord R. MoNTtrr barin: ing Ar 4 it should be referred to a Se.et $C=1$ Jo Ean was also read a second time. The Crasceili vidiag more effectually for practices at Parliamentary the Government had intended to sive ful wat
 Bench. The judges were, however. oppmos : policy of tho measure on constitutiona utterly inemposistent with their futs and sion of the judges with mortheat wa an! , ment, the Goverament did not thimk it of eleotion petitions, colls, atins: with K
 ublimited confidence at prosent re
in any matter. 3r. Lexicy of law, fearing that the end
the Iouse of Lords the bil of discussing an han hat
After some remarhs by Mr. ted out two considerations 11 dyateal and could not question
diter on of the mamner in wheh tha
been exercised in a particular ly the present sy of a transference of jurisThe guestiou he held to beiv, or retaiu it in its own hands. resent system would be rainch to a
 Have to gise up this important privilege ; Itinable culargement of constitueneles,
thon of the lallot After some rewarks g. Ir Bunhay Carter, Mr. Guldney,
dibitif, the Bill was broukht in and
 (lisichlur of the batiecterer said of National Education during On the motion that the l'ublic
a second time, Mr. Walpole second time, Mr. Walpole
hich would be afected by the , Eton, Shrewsbury, Rugby, ere II inc iester, Elon, Shrewsbury, Rugoy,

## etty Entelligence.

Musbi Mabegt, Friday. - British Funds: cosed st y3k both for Money and Account ;
Hecuced Three por Cents., $93 \frac{1}{2}$ to 93 ? Cents, 111 to 1121 : Bank Stock, Exchequer lills, 18s. to 238 pm. -
ieptian Loan (18ij), 4. to 90 ; Peruvian
 1,531 to 43 , Turkish, $32 \frac{1}{2}$ to 32 3id ; to ia : Erie Railroad, 43 to 50 ; Illinols,

## fatropolis and its Vietintty.

## 

 London expressing, their devotion to (roma and their disapproval of Feuianism. The cuat Mr J E Naghtan, barrister-at-lam, Cantuin E Naghtan, barrister-at-law, Captain
St addert, Lieut.-General \$ir G. Law-
f ('aptain Caimes, Mr. J. T. Westropp, Connor, Mr. I', de Courcy Atkias, Hoare, the Hon. Campheli Fair, Hon Derupsey, Dr. Parke Latty, D
Hay, Mr. J. J. Ridley, Mr. Josep
> H. Allen, Mr. E. Loney, Mr. T I ' Mr. Mr. E. Loney, Mr. Tr. 'S.
A. F. Jackoot, Mr. Roger
Mapuire, \&e. Mr. Dizby entins the address, said that it was indiznation at the Clerkenwell outrage,
loyalty and devotion to the Throne ermination, without reference to party, authority, then hearty and cordial le conmurac ies and attempts to disturb o country Ine adjed that he had all the Imshy in their employ had With Archbishop Mannius and Dr. ineir hearty support, and stated their relplous feeling and more weight if the as fossible. Ho had also received the Lny Protestant clergymen. He expressed Ireland, and an would introduce remedial Fery little disloyalty but very great rise by Ampricans or warmly denounced the in addrass having been presentad, and Mr. Ho the Irinh labourers in the knowlerge to the rivied as follows. -
 depulitaun should be recolven

 Slade, Bart. Sir W. Denison, the Hon. and Very Rev. 9. Deyle of Kid, Worcester A Archdeacon Denison, and Boveral of the tondon cleargy, The chairman, in introduoing solved itself into the question of the day, nud Church of Fingland. Therr duty on that occasion was to consider the state of education in Englad, Fow the difficulties connected with it might be met, and the consequences involved in the gicontion of the various plans before them Ho would leavo it to others to bring forward in detall the plans of the present scheme. mere reading, writing, cyphering, and sciontiffe instruction? If so, the State could supply it; but he considered that mere intellectual learning, Without hat morality could not properly be talaght anart from the doctrines of relygon-that was in fact to impart had been directed to Mr Bruce's Bill, whed seevied to be capable of flexbility, and to the promontions laid down at Manche-ter With reference, however, to apparent illiberality of 10 forcing th
achools in 8 someshat sinilar position the Church order that she might be allowed to teach the remainder. Fie asked that absolute and influential position for the Church of England which they accorded to others the right to prorlaim public those eternal trutha which rchdeacon Donison then moved the first resolu-tion:-
add be given appears to this meeting that it is neceasary that He said this was the frest of a saries of resolutions which had been drawn up to be submitted to the meeting The turning point of the whole scheme was that ditions annexed to its grants to thenational and secular parts of education, leaving religions teashing in the schools to the several reltolous bodies, and all manner of regulations connected with it unconditionslly free to the managers of each sohool. The second proposischool should be entitled to the snme assistance from shool shoul bo as those who preferred a sclionl religious education Nothing was more unnhiloso religious the to a mout to meto dificulties phy dionding colferme then by discard tho The mista the oivll power was a natural one, but after 20 years reflection was a mears The old formal identity between Chureh and state was now gone, amil muler the new order of thmss the
 education. With rerard to secular eduration he dh not, indee l, profens to under-tand the principle or the secmed of edueation in a purely secular seliool. in the training of a chuld, and he regretted that ther should be such sohools. But he apprehended tha What they might approve or not was not the question. The question was abrout the universal application of the principle of unconditional freedom. As eitizens applied in their own case, because they saty that this ras the only was by , because they san that this saved in smoh of their schools as were aided by the State. They were content that it should be spinied in the case of all other citizens, and they would take care that there shoala be no mistake about belne vo mntent. He did not ask the state to ussist religions ar secutar schoos as sum, hewere understand hy a secular schnol ono where the children were to rilleule or to deny the truth of religion, and which was avowedly hostile to all religions. In places where local resourres foll very short, he should not ha anry to
of the original outhay in building and starting a
school and then placing it on the hands of etther the Churelh or some sect. A great struggle was impending, and while he did not disguise on which side present
sulcess was likely to be, present sucess was often a miserable thing. Eren now the fidelity of the Church of England was trembling in the balanice in respect of
groat doctrines of the faith, and $\pi$ hy dud it so tremble The reason, he beliered, sas to be sought in the
prevaleace of the evil principle of comprehensive Prevalence of the evil prinelple of comprehensive
religinn within, and in the action of the state witiout. Mr Kenyon, oc, weconded the rewolution, and said that the mhole question arose ont of that which he
might devignate as the danger which they incurred by their unhapy differences. Amplerery difficulty
be would hold by this princinle, that every kind be would hold by this principle, that every kind
of education to be ral must be based on religion. The Rer. A. D'orsey moved an amendment to the effect that the clergy should teach religion, and that the schoomaster shoud himit himsel to imparting that the amendment was out of order at that stage of the proceedings. not believe the House of Commons because he did not believe the House of Commons would vote the gums necessary for education. He held that the education of the people was not to he trusted to the
nation in any way, but that it should devolve on the members of the ditferent relanou- communities to
whom the rllul lren were attehed, and who bould devote a the of their proverty for purpmes of religion.
He concluded by moving, by was of amendment, The edit each religious communits, should protide for the education of its own people, and should furmish out Arehdeacon Denison breyty rephed. 1Ie approved of the prineiple of devoting a tenth of properts to sacred culty with which they liad now to deal. The amend ment was not seconded, and, on the resolution beang Sir Allired Slade, Bart, moved the second resolution: "That such alt be bot by ritc, locad ar grocral, int by par-
The bad effeot of the proposed system would be unduly to burden landed properts, passing over funded property. He appesled to all religious bodies to oppose
the system of local rating for schools, for the religion taught there would never be satisfartory to anybody. Mr . Thomas Plumer sceonded the revolution. However weil the syitem might answer for democratic Aman England. The principle of local rating Would work tery unfairly, is it would fall unon Wherithe rate- fell on the bomr and the rim families of 1on. Lucal rating would come to hilp the rlergyman
the necesagry fupds Mr. Hukiey protested against like those of Harrow, by the Public \$chools Bin, and then of there beinga progpect of a rate being laid upon long the denominational system would stand after compuloory rating were resorted in. Withnt three years here would result absolute disarrangement. The Archdeacon Denison moved the third re:olution
 purgh sha of cdu, tion, and opentin all childrel, whose parenth anl ail manuer off regilutivin cunnected with it, to be left
The Rev. Mr. Mayow seconded the motion. The Rev. Mr. Melvill moved as an amendment.

That, in the prement cribis of the educational quention, for ae Charch to abrogate ats pusition as a natiana instritution

The Rev. Mr. Boyle seconded the amendment. The Rev. Dr. Miller thought it was untenable that if the elergy took State money they should look upon these schools as missionary positious from which they were to renforce the ranks of the Church. They should endeavour, as administering a national fund, to meea the case of those Nonconformist chituron who wers under their care. The pinth of the chse was where hnown the case of a parish where a clergyman has doue his duty wi basenters that he was not carrly nuet the Churelh of Englund to tahe hast chace as a national educator. and ths lepended on the existence of a liberal conscience clause. After some further discussion, Archdascon Denison briefiy replied. The thendmead to.
The Cligbrantrll Outbags. - On Tuenday morning William Desmond, Timothy Desmona, Wicholaz Engisu, Jeremaskson), John O'Keefe, and Wnne Justice the elght persons changed with milful Anne Justising out of the Fenian explosion at the House of Detention, were again brought before Sir Thomss Henry at Bow street, for the purpose of Thomas the remaining depoations read, after which it was expected that they would have been formally committed to take their trial on the capital Mr. Gitfurd appeared, however, from the stal that iome yery impur QC, the counsl had been unexpectedly ramordant information that instead of having recelved during the week, and that insued of havnak the priwoors would honecogary. The depoststonn ware then rend
and attested by the witnesses, after which the prisoners Fere argain remanded till Tuegday next. The prisoner Nicholas English has, sance Mullany turned Queen's ovidence, evinced a great desire to do likewise, and on Scotland Yard, to whom he made a lengthy statement This was submitted to the proper quarter for acceptmace, but way rejected as rown evidence; on Wodnesday evening Dr. Lankester held an inquest on the body of eliza Leeland, aged 60, the wife of a jourpegman neigh our
Fell, and who at the time of the late outrage was pur-
maing her wsual dornestic duties, sad was knocked oung her the force of the concusision. From that time her heaith decined, and on the 2 sist of sanuary she was paralyeis produced by ahock tothe system and frizht and Infirmary deposed to the admizsion of the deocessed in Elow and weak state, suffering from paralysis of the left sids, aud aftarwards 10 sensible on the th and
Sth inst her intellect returned, but on the fith stupor the bran and spin in cord, acceleratcl by the shock to the neryous ststem, arising from the explosion. He cion in the weakly condition of the deceased produced from paralysis, accelerated by the explosion which took
 Wednexday a deputation representing nearly the whole of the metroy,hlis wated upon Mr Gathorne Hardy at decided hostility of the representative bodies of the metmpolis to the two linls introduced into Parliament municipal corporations withia the metropolis. The deplitation, Which conisted of members of the vestries St. Mars in bone, St Pancras, St. Olases, Southwark,
Rt Giorke, Southwark Clerkenwell, Kensmpton, Whitee hapel, Greenwich, Lewwisham, Plumstead,
 Maior Lyon, of St. George, Hanover Square,
referred to the large rateable value of the
metropolis, which wae, exclusive of the city of metropolis, which wase excleasive of the city of
London, $14,000,000$. He referred to this for the purpose of showing that the district of Westminster, Which by a majority of one had decided not to join the
deputation, represented but a very small portion of
this, its rateable value being only $450,000 l$. The this, its rateable value beiog only 450,000 . The
Metinpolitan Manioipal Association, which advocated
the adoption of the Pills in question, was a self-elected the adoption of the Bills in question, was a self-elected
body, not representinu any particular portion of the Metropolis, and yet it had presented itself before Mr.
 ofler had that heet carmel out, for at the meeting motion in favour of the Bills, that the prophanis con-
tained in Mr. Mill's Bulls did not meet the requirementa of the metropolis, and while four only voted for meeting Fra in favour of his amendment. After the passing of his amendment the meeting had become chairman out of window, upon which te Ifft, thinkiog discretion the better part of valour The Cits of Mr. Mill, but it mdde the most determined opposition to the second, which subjected it to a central municipal authority. The Festry of St. George, Hanover Which, if passed, would involve great expense in the erection of town halls and the keeping up of a certann
sort of state, as at the Mansion House. The rates of sort of state, as at the Mansion House. The rates of necessarly continue to do so as long as the parinhes carried out those improvements and repars which
Fere demandel; therefore to pass the Corporation Bills would be to increase the expenses to an unbear government. They trusted the Bills would meet with
the opposition of the Government who in that Curd, Feaeive the thanks of the whole metropolis. Mr.
 parish to which ho bolonged Pancotry, thoroukhly that the southwars, was satisfied mith the premt law Duriag had been a great improrement ill the zin urnment the metropolis. A grest deal of the huinitust tranmacted by local boards was business of detal!, whed rould only if it was spread over a larger area local self fegovernment would be done away with entirely. He considered that carried out, present in existence were ample, if properly restrymen were great and onerous After hearnor several other speeches, Mr. Hardy said that his attention had introduceed by $\mathbf{~} \mathbf{I r}$ Mill the proposuls made in the Bulls who called themselves the 1 , by a deputation of those onition; and secondly by Mr. Ayrton's committee on that hat bean ritting gor two vears the metropolis, three rofuminous reports. He felt it had been admitted by all prwant that some alight amendments were
required in the present Acta for the government of the
metropolis. He also gleaned from their observations that they would not object, where vestries and district hoards did not carry out that which the law required
them to do, that there should be legislation to force them to carry out their duty, and he thought that such
the an Act was necessary. Local institutions best con-
sidered their own interests when they carried out that which was committed to them. He felt at the same time that the introduction of new corporations would ant all favourable to the federal corporations for the
at and
quvernment of the metropolis, as proposed by the goversment of the metropolis, as proposed by th
Bills of Mr. Mill. Although muncipal govern
ment existed in most of the large provinclal towns ment existed in most of the large provinclal town
and was well adapted for them, he was not aware of the exstence of any gystem of federal corporations, and constant conflicte and contentions. The deputstion must understand that he spoke entirely for himself, and not for the Government. He was not prepared to
accept Mr. Mill's Bulls, and would urge his colleagues to oppose them, as not desirable for the metropolis whick was an Englishanan's mode of expressing himself - that they would not have any objection to pressure oxisting Acts were not carried out, and that he Mr. Hardy the thanks of his colleagues for the favourable reception they had met with.
East London Mísecm.-On Wednesday afternoon a deputation waited upon the Duke of Marlborough, support, and that of the Government, to the Bill which has passed the House of Commons and is now before the House of Lords, and to which Lord Redesdale, in which, however, are mainly of a technical character The deputation was introduced by Mr. Ayrton, M.P., wre Sir R Murchison, the Reva, T. J. Rowjell, Dr. Wres Sir R Murchison, the Reva, T. J. Rowsell, Dr. I. Kiunaird, M.P., G Gorswin, N. S Powell, Charing, ion, and other*. Mr. Ayrton, in introducing the deputation, explained that is it commencement structed of spare materials from South Kensington, Green, which had been left by the donor to the disTo get over the restrictions by which the bequest was hampered, application had been made to Parlin-
ment, and the ments, and till, house of Commons had passed the certain technical objections having been there raised to deputation, with a vew of giving such explanations as they thought would remove all objections to the bill.
Mr. Connolly (s working man), the Rev. Mr. Hansard, Mr. Coonoliy (s. working man), the hev. Mr. Hansard,
Mr. Briscoe, M.P, snd some other Eentlomen, having
-id a few words, the Duke of Marthorough said the views of the Guverument on tharborough mater would be
well known to the deputation, as they had be well known to the deputation, as they had been
clearly indicated by the course they had hutherto taken. In 1800 the desirability of establishing museums in different parts of Irondon was admitcer, and an ofer was made of certain mate-
rials, which had been in use at South Kensiogton, for the purpose, at a nominal price, and the reply
from the Government was considerod most satisfactory. In 1860 and 1867 considered most satiscarried on relative to the sanction of the Treasury to certain expenditure, and, on the estimate that $20,000 l$
would be required, $5000 l$ was granted. Difficulties arose, to remove which a Bill was passed through the House of Commons with the sanction and approval of the Government. In the House of Lords fresh diffiny means insuperable; and he had very little doubt hat, with the assistance of the Government, the Bill would pass the Lords. He assured the deputation the Government fully appreciated the importance of the soon as nossible.
Tris Reform Act and Ratrs.- A large number of weekly tenants have been summoned before Mr. Maude on pay rates under the provisions of the Reform Act. The plea they made was that the landlords would not
deduct the rates from the rent. Mr. Maude said there
would no doubt be a great deal of hardship felt for
 REPORT
 Bard of improvements which have been effectod in the appoarance and sanitary condition of Lnadon in the their eleven years' adountstration. The main drainag system, which they comnenced, and have now almost
completed, has been attender with resulto whos ben Alread operations cannot yet be fully calculated Already the general health of the metropolis especially the health of those who inhabit the lowying districts near the river, has perceptibly improved. is transparent, enough before the water of the Thames it wangparent, but it is certainly not half so muddy as placos which were previously the most polluted horoughfares have been formed in diferent districte fith the result not only of facilitaling communicacrowded neighbourhoods. The embankment of the river has been commenced, and is making fair progress; new
parks have been opened, and old ones bive big
tained and beautified. The Board deains to
and perhaps more important improvemeats and perhaps more important improvemeate that direct taxation now falls verpuses
occupiers of property, they expess the op
portion at least of this heary burden porthe at least of this heavy burden shoud he
by the owners. Since 1899 it appears tuas to
sewers have been constructed for the dranio
area of 117 square mules, with a sewers have been constructed for the drandep
area of 117 square milea, with a population
three milions. The sewage, which is now th
cepted on its way to the Thames, amounte to ase
milhons of cubic feet on the northand cepted on its way to the Thames, amounte to ras
millons of cubic feet on the north and fur
on the south side of the reer. The mat
required to complete the man intomection
 of this sewer to the fallure of the Metropede formed under a portion of the Thames Emberi soon to be completed, will be provided wis engines, erjual to 1140 home-power, for whe the outfall sewer a heifgt of $3 t$ feet. The most important. The sewage will be sent 10 , poin Wssex Reclamation Company it ta eithe an on the farm lands of Essex, or distribntide the completion of the Thanies Embankment vil conduce to the purification of water by quict
flow snd increasing its scouring pons tion to this there will be the "important impo which will result from the conversion of fool m wholesome mud banks into useful and and biting the discharge of some time the ne in to the town or village gbove the metropolis hat be upon the Legislature, and the result has boen th Acts of Parliament have been passed, lront The Board, however, were not sucaens their claims to be represented at the Thater sewage, the report states that the Fssom lew Company have cummenced the formation culvert for taking the sowage down to the Sands, and for the distribution of 80 much of th
be required by the neighbouring farment During the past year the Company have urps
range of, their experiments with considen range of, their experiments with consingin
The sewage has proved most valusble as the growth of manpels, potatoes, flax, moner
and strawberries. One of the most prons of and strawberries.
ments was in the
of the field in whioh the sewage had
down oould be easily distinguished from
by the strength and length of tha
the size of the ears, The grass on the by the strength and length of the the
the size of the ears, The grass on the
pany's farm is used in the feculos
milch cows and leares which is sold to stable keepers in the metropos Board have had some difficulty in deciding betre tenders received for the utilisation of semala
south side of the river, but up to the date of in south side of the river, but up to the date or not come to any definate arransemedi improvementa have been efferted br the cortx sewers und diferent districts. Plans for the wos
of 66 miles of brick and pipo sewers by oom ties have been under consukeration sume has been given to the plans propoed for
nuisance caused by the escape of offensue the sewers. Experiments are stili being can the purpose of thoroughly testing the allegribe provements effected in the drainage of the mit condition of the river, the report goes on to Embankment extending from Thestaraster Waterloo Bradge has made considerable promed tween Waterloo Bridge and the bown lary
Temple not only is the river wall conairuma full height, but the subway and sewers are Tho Embankmeut between the Temple the delay oaused by negotiations with the Mam District Company and the City Gas Comp
 demolished at the time when the report wis and the Board are takind steps for the con $h=$ a new street to connect the C
Whiteohspel, and whioh may fai mation of Finatimprovement ranmin Efforts have been minde to preserve for th open spaced whinh have for so long bee tiations regarding Hampstead Heath haveh to Sir Thomas Maryon Wilson's sta aore. The report points also in the numbers and efficiency of the Fire Brigui in many populous diatricts, and efforts a to iprocure suiteble sites for permanen

1 uver be limble to be stranded, is at present a the river. The Soclety for the Protection of ire to the Board, and their conductors have Frre Brikade. The brigade is quite as made as to the loss of property, arising from of water to work the engines, and the report service instead of the present intermit-
Many pages are devoted to the discussion astion, on which the loard say that from
hase strongly urged the necessity of a 1 reduction in the price of gas, and a, conBD OF WOELS AND MR, DoCLTON,-At
of the Metropohtn Board of Works on of the Metropohtnn Board of Works on arges against Mr. Doulton in reference to up for consideration. The charge was nen to become sureties for Mr. Furness. declaring that the l3oard, having invest diduce of Mr. Furness, given before th him, were of opinion that the statements had been proved. Mr. Le Breton move or professional transsctions, with 10 business or provessional transactions, with charneter of the $130 a r d$ in the conduct of its Alter a very long discussion a vote wa The Chairman sve his castink vot has taken by Mr. Savage. I ards stated that the name of a voen recorded, and after some chairman ruled that it must be negatived put, Mr. Cook moved an amend that, the lioard having no power to ritnesses, to compel the production of books or to eramine on oath, did not feel that the piven by Mr. Furness in the Bankruptcy
either been confirmed or disproved by the Xid. Doulton to meet those charges in the Doulton to meet those charges in the
be deemed best. This amendment, on
8 also necatived. negatived. Some other amend.
and great
disorder prevailed nal motion was put, when 7 voted that no decision whatever hours. Mr. Doulton rds of five hours. Mr. Doulton e prosesthangon, which handed in a proteat cenmoved that the protest be entered the protest do lie on the table, and of it be not recorded in the minutes. sasted seven hours

## intropolitas Poor Acr. - The metropolitan

 oned stes for two imbecule asylums, each summer is amodation for 1500 inmates es are in the nerghbourhood of Watford ste, in order that the sewaye of the dfficulty has by irrication on the land and Small-pox Hospitals, which both in the vicinity of London. One has already been obtained for the north Cast-end and on the Surrey side. In the effectual separation arranements are in ary inmates of workbouses, and for the
dew palace of Westminster recent the Hoerse private entranee. The
is Parliament to Westith thaside by ornamental gas ed from the centres of the various have a good offect in the Speaker's pavement of this arcade will be completed tm, and by the sides of the principal estmister Mall, turf has been temporarily
these papaces are to be in the spring infrom the Conqueror and King John, be Martin
arcideatin was sufficiently recovered unable to move about except on crutches eated Mrs Martm (Helen Faucit) with HE Oxy.
THI Oxrozd Mesic Hall,-Between he Ox ford Music Hang a destructive fire
hood end of Oxford Stil, neet. At Tho close
turned off at the main, and everything seemed safe but at about a quarter past 8 oclock the police on duty ng over the tops of the houses and while they were instituting an examination, a body of flame burst forth; room the roof of the Oxford. In a few minutes the descendinend thend, was in flames, and the fire was hold of the stage and the balcons boxes, and it wa thought that no portion of the edifice could be saved. engines wero brought into play, and although at time the beat and smoke nearly overcame the men, they succeeded after great exertion in finally extinguishing off, the balcony and stake severely damaged by fire, and the rest of the premises njured by fire. water, and THE SHO The cause of the fire is at present unknownmemboring of The Bandsilan-lt may be Macdonald, the bandsman of the Guards Poice constable Saunders was shot at in New Church Mewr Eustor Road, at 3 o'clock in the morning and wounded reported as hopelessly insane in consequenos of the injuries to his head, and be has been sent to stamford, Hige Tides- - Considerble
he Thames on Solurdo domage was done The water rose tharef feet higher unusually ling tide tides and it is some rears since surch an influs of wate has taken place. The water overflowed the Thame Embankment as well as the vacant space which is property has resulted on the Surrey side. Several THE THAES SHipwniat
He mats Shipwrights.-The shipwrights of their minds to any reduction in their demands, and have consequently lost the chance of bringing back to the Thames some of the shipbuilding business whic s now being transferred so completely to the norther iron and wood of the kinds required for shipbuilding can be procured quite as cheaply on the Thames as on he Clyde, and, in some instances, more cheaply ; the inferace in the price of coal is only about 7 s . per ton about is per registered ton, or an a ship of 1000 tons offered to get orders for a couple of iron ships at $5 l$ on, but the men rould not answer at once, and while they were hesitating, the shipowner, who could not in the north.
Walworth, for the benefit of such inhabitants as may oe unable to afford the charges usually made fo attendance by surgeons, and yet are unwilling to accept The Contal parochial medical aid.
Ther

- It has been
resolved by the military authorities to spply the pro Sborncliff, Canterbury, and the Curragh.
Hippopfagy.-Mr. A. S. Bicknell, the promoter of the recent dinner at the Lankham How, delivere he subject of hippophagy; and a few days previously his brother, Mr. Herman Bicknell, gave a horse dinner at the Falstaff Inn, Ramsgate, to between 30 and 10 tradesmen and others of that town. The bill of fare ncluded the following:-"Soup. Flying-horse. Side Joints. Rachorse filet of war-horse, royal charger stew The horseflesh was sent from Paris for the purpose, and was propared by a French cool
Great Captere of Stolen Watches.-A few days ago the police made a great capture of F division, in plain clothes placed themselves to watch certain house at Hackney. While so doing they became aware that three men were also anxiously on the look-out for some artiva, and the movements of van arrived, and a small box was delvered. By a ruse one of the oflicers approached without suspicion and saw one of the men siga the delivery book. A signal having been given, the other policemen came up, and the three men and the wife of one of them were taken nto custody. The box, which came from Liverpool, contained 21 gold watches and some chains, all the produce of robberies In the celar of the house was the same handwriting; while on one of the prisoners was found a letter invosing the lot at $20 / 18 s$, and expressing a hope that the transaction would be completed without nny such squabbling as occurred on the ast occasion. A number of pawnbrokers' duplieates representing watches and chains, were also found on the prisoners. On saturday the men were brought up bow sreck, and aome ovidace havig boen take until Monder vidonona, hon that avidence was taken, and the prisoners were again direction of her husband was discharged from custody. It was stated incidentally that all the stolen watches had their bows broken, showing that the robberies had mplished by profess
The Haymersmith Mcrder. - The sentence on the prisoner illiam the murder of a man at crammersmith, at the last session of the central criminal has been commuted to penal servitude for life.
The Public Healte. - The Registrar-General's Weokly Return of births and deaths in London atatee that in the week that onded on Seturday,
February 8 , 4831 births and 3088 deaths were regis-
tered in London and in 13 other large towns of the United Kingdom. The annual rate of mortality wes 25 per 1000 persons livins, beinf 23 per 1000 in
London, 20 in Edinburgh 32
in Dublin, 28 in Bristal 21 in Birmingham, 29 in Liverpol, 29 in Manchester, 26 in Salford, 24 in Sheffield, 26 in Bredford, 21 in Ineds, $20 \mathrm{in} \mathrm{Hull}$,31 in Newrastle - upon. Tyne 1000 during the week ending the 1st inst. In London the births of 1162 boys and 1235 pirls, in all 2307 children, were registered in the week. In average number corrected for increase of population average number corrected or increase of population,
Was 2301 . The deaths registered in London during the Week were 1394 It was the sixth week of the year, and the average number of deaths for that week, corrected for increase of population was 1500 . The present return is, therefore, 166 below the estimated number.


## Frobíncial

Babiselex.-At the police court in this town on Monday, Joseph Gregory, the fourth man concerned in the murder of Lord Wharnclifie's head gamekeoper Whas brought belore the megishrates on the oharge of wilful murder and night poaching. It will be remomsered and prisonerale at the tho of tho Murder, and eluded the vigilance of the police up to committed on the lith of December last. No ovidence was offered, and the prisoner was remanded for a few days.
Bramingham.-On Tuesday morning the three Beesleys and Grayson and his wife, charged with the Heneage Street burglary and murder, were again offered agannst Grayson and his wife, but the detectives said they had enough to justify a re-arrest should they be discharged. They were not ready to go into the case is regards the Beesieys, who were shown to have been in Heneage Street-but, so far as appeared, not wegether-about the time of the murder. The prisoners Cane remanded till Tuesday next.
Cantrebury.-The Kent Herald states that on Monday week the church of Godmersham, near this city, was broken into, and the candleaticks taken from the high altar; a scrap of paper being left in their place, on which was written a threat that if such blown up
Chatham. - The new iron-clad frigate Hercules was unlocked on Monday in this dockyard in the most successful manner. She carries on her sides out of the
water an armour-plating of, at least, 6 inches in thickWater an armour-plating of, at least, 6 inches in thickness, a hne of 8 -inch plates over her main box-battery,
and a belt of 9 -inch plates along the water-line. The
First Lord of the Admiraty and other distmguished Mistors arrived a hittle before 2 oclock, when bond hove at the epretan upen the hase The Hercules is said to bo
GBIM8BY.-On Thursday week a collision took glace in the wolds off Hasborough, between the Sea nil rom Hull to Notherdam, win a general cargo Newcastle The Senge and the Swan, from frondon to main rigging, and cut her nearly in two. In about a quarter of an hour the Seas Gull had disappeared. One passenger was drowned. The other passengers and the sustained damape in her bows.
HELSTON - A deplorable state of affairs exists in this parish. Within three years there have been three been appointed to the profescorship of music at Eton College, and has consequently resigned the living, worth about $450 l$. per annum, Owing mainly to are left entirely without f parish, the of the church is in such a state that the organ has been rendered useless by rain, and the evening service on Sundays has been discontinued for mant of light, the gas company haring cut off the supply of gas in consequence of their nability to zet their account settled.
Hrell.-On Saturday a remarkably high tide was experienced in this town, the water having risen to a heavy tides. Houses, cellark, and streets were flooded; sufferssrs. Dayis \& Co., drapers, Market Place, to large quantities of flamnels atored in their cellarage.
 On the previous day, Mr. Graves, M.P., the mayor watch hear to male certain concossions Wath chmmittee to nske certain concessions, and on agreed to give the amended regulations a fir frial for sil months. Cabo wers consequeutly plying as usual on Saturday evening and Sundsy to the manifort satisfaction of the public.-On Friday, at the annual morinall M.P., moved that the Fiews in the report as to atterations in the bankruptey laws should be inserted in the Bankruptcy Bill raher the motion, and urged that every trader who gave a lien upon his trading property should be made to register it. that the present commercial depression was ouring to commercial dirrepute. The Bankruptcy Bill now being prepared embodied the new, radical, and stringent being appropriated for the payment of his debts He
the conclusion that short of that they had no ehnnce of
doing away with the disgracoalal sybtem whioh now doing amain
prevailed.
provaled. the vitizens, convened bthe may thor on a requisition signed by about 3u0 gentlemen of the adtanced Liberal pirty, was held in the Town Hall. to consider the present tatate of the Trish Church Establishment and
the dutyof Parlament in relation theret) The Mayor
presided. The liev. G. W. Couler (in the absence presided. The liev. G. W. Cotuder (in the absence
 the gross injustre invol ved in the establishment of the
Ohurch of England in Ireland, and of the lamentable disaffection now existing, in that ountry, it was the duty of Parliament to gitc its immediate attention to
the subject of the Irish Church. He was interrupted the subbect of the Irish Church. He was interrupted
geveral times while reading the resolution, znd again
 hearing. Aldernan Remney exeronded tho resolution,
 of that eotuntry The Rev. Mr Garrett moved an
ampendment, to thire eflect that the meeting deolined to rronounce an opinion in favour of destroying the evidence berore it to jushity suea a proceeding, and also because it had no desire to exnite the angry pasaions of controveray, throughout the kingdom. He said the queation beforv the meeting was one which made it the and apeak words of truth before the nation. Mr. W. Thouchstono seconded the amendment. Mr. Jecob
Bright, M. $\mathbf{P}^{1}$, cupported the resolution, and said, amidst continisl interruptions, that it seemend to him that the Irrish Church was in danger, and if it were in real danger he should reyard it as a fayourable sigm of the times. If a majority of tho poople of the United to oxist as a pollitieal iustitution; and if that meeting had been hold in the evening when everybody could attend, it would nnt he posible to carry the amend-
nend. in consequence of the clamour. The meetink was submoquantly addressed by Mr. Ambroee, and at the close The Mayor then put the amendment whios carried by a meyon ity of about $f_{f} v e$ to three amill great oheering from the opponents of the meeting-On the National Ieform Union was held in the Town Hall, Mifr. George Wilson, the president, in the chair. There was a very large attendasce, , delegates being preesent from various branches of the union in all parts cocdings congratulated the members of the Union on the result they had mohieved, by the agite tion which they hyl crried oad sineo its formation aty the working had beeos, snd that only one partialili, of ocurd progratmem Thh following reoblut
 mentay Reforkn. This conference condemns the redintrilim paying clausen as unnecessery and veandious-the representation of minorities ws absurd, unjust, and unconstitutionai, and
 objecta for which the Natlumal Reform Union has go Iong
contandod."
A second rasolution was moved by Mr. Jacob "Thil confenance considera th the duty of Relormers everylot The repeal of tho miteparing claused ; ed. The abolition of county to the borough franchice ; Sth. The protaction of the
cone
coter by meana of the bullut; Bth. A just end equifalide rcdisbribution of seate, in propurion to population and property; Anoth
Another resolution was passed oalling upon the branches of the learue to further its objects by every means in their power, A Mus Wilson then moved-
the ar. Garior teconded the motion, Which was sapported
 M.P., Batd hr had been informed by Mr Macob Beight
orerseer's ofice. thrat under the new Rrenrm Bill there chester, as achr is he could guess.--On Tuesdas attemoon, at the Cisty Polire-court, a young mann, of charged with taking part in the attack on the prison van and the murder of Serjeant Brett, in Hyde Road, Manchester on Monday night, in charge of Inspector Kirtland, to whose cuntody ho had been given at
Bow Street Police-oflice, London, under a warrant gonated for his appreheasion. The prisoner said that alrody beon the Superfntendent stated that he had there reag bemdes other reasons for asking for throed, The magistrato then romanded him for
Mlarchinnesa of Ailesbury orporimant made by the
hospital at Snvermake, near this town, appears to have
suoceoded admirabler. At the annual meeting held a
for few days amo, under the presidency of the Marquis of
Ailesbury, the report showed that during the past year Ailosbury, an addition of $144 l$. had been made to the endowment fund and that 79 cases had been reooived into the hospital (making up nine beds only), 40 of which wounced incurable, and two fatal.
Mosvor'TM. - All the colliers in this county, with he exception of those at Risea, are now on strike, meetings, not to accept the proposed reduction of $3 /$. Oexpord. - The Nom York papers publish a leiter rom Mr. Goldwin Smith, Etening that there truth in the report that ho is about Unised citizen of the United Btates. He intends, howerer, to devote himsolf is the study, and, if after due study he feels equal to the task, to the composition
of American history. With this view he will probably of American history. With this view he will probebiy
take un his abode in the I'nited States in the course of take um his abode at gome place where there are books and he summer, at gome place whine
ecords, and where he can obtain permission to use
liend. In undertaking, he adda, necessarity implies a hen, His undertaking, he adda, necessarity implies a carried on.

Yorr.-At the meeting of Conrooation for the province of York last week, the business of chiel noting a reunion between the Wesleyun body and the Church of England. It wha at first moved by Arohdeacon Hamiliton, and seconded by the Archdeacon of Carilisle, that the Wesleyan Conference should be nvited to nominate a committee to meet a similar of ronsidering this question; but subsequently the House adonted a modified resolution, moved by the
Bishop of Ripon, to tho effect that whereas the union Bishop of Rupon, to tho effect that whereas the union
of all faithful Christians was earnestly to be desired, and many of the causes which originally led to the eparation of the Wesleyans from the Church of England were sensibly diminished, that House would cordially welcome any practical attempt to effect and the Church of England.

## Irelaro. <br> Ordel of St. Patrick.-The Marquis of Drogheda was invested as a Knight of the Order of St. Patrick on Friday in Dublin Castle, by the Grand Master, the bord lieutenant, in the presence of the other memattendance. <br> PURCEABS of RAIZWAY8. - An influential meeting on Friday at the Mansion House, the Tord Masor in on Friday at ene Mansion House, the tord Mayor in Clampiarde, Lord Randon, and Sir Benjamin Morris Resolutions urging the $P$. Government were adoptei.

OpENING OF THB DUBLIN COMMIGSYON,-The pened on Monday by Judge fitzzerald, whiner was oharge to the grand jury referred at great length to points at law connected with the Press. He gave it as cas opmion of himself and his colleggue that the publication of seditious or fibelious articles from American proused by law. In recerence, however, to all suob publications, the time, the object, and all the surrounding circumstances werc to be taken into consideration, of criminal intention on the part of the publisher. True bills were returned against Mr. Sullivan, the
publisher of the publisher of the Weekly Neus, and Mr. Pipott the
publisher of the Trishman, for seditious libel. True bills were also found against Patrick Lennon for high treason and for the murder of Constable Keena and glso against Mr. John Martin and others for walking in the recent Fenian processions. On Tuesday Patrich
Lennon was tried for treason-felony. Constables were examined, who identified him as loader of the party Who took some of the police prisoners and sttaciked the barracks at Stepaside and Glencullen. The jury
after 10 minutes' deliberation, returned a verdiot of Guilty. He was tried on Wednesday for firing
at Sergeant Kelly, with intent to murder.
The defence was that tha The defence was that the evidence of Kurder.
ond other witnesess as to identity was not to be
 the prisoner in a publio-house, and at a quarter to 12 until half- past 5 in to his lodgings, where he remained bed. On cross-exmmination he said he never alept nith Lemnon before, but ho was shut out of his ovm the evidence. At the olose of the nesse Judge Fitarated ohsrged thejury. He pointed out tha discrepenciesin the estimony of the Crown witnesses ss to the identifica hour. The jury, after deliberating three-quarters of an stated that he would not proce The Attorney-General or murder. Yesterday morning the prisoner wat brought up for sentence on the conviction for treasonfelony, ana was sentenced to 15 years' nensl servitude. Hould be overthrown before the expiration of that as he had done In the if again free, he would act Attorney - General applied to have the traverver transferrad to the shatitr of tho oonnty, or sravicaied
and said that the legal conrae had tith
pursued. The Court reeserved judrment on the
 tyial, left the Court, and the police hape sina
unable to exeoute the warrant. The Atto unable to ex oute the warrant. The Attomed appear in Court this moraing
Arrest of Captatin Mactar ht Copr-
Friday evening Captain Mackay, a notonnus
 Cork, with the tavern-keeper and several othen it got on the head constable's back and endes of
choke him ; they struggled for about were frequently up and down on the ground. Hze caught to head constable's revolver by the revolver and fired, wounding another conatable veyed the prisoners to Bridewell. A chat crowd assembled, and the police charged with ate
wounding one man. Mackay, while poing to Founding one man. Maikay, While being loyal to an oprressive Government. Fat On Saturday Mackay was brought upaing om Court with six other prisoners, named Otop Minchin, and Wheepe, Mannix, Walshe Fithe draper's assistant, Mannixi a fisherman, the otherla Cronim, who was, discharged. Sinve the invertisen Mackay, who is n, yery young man, has been jocein as the leader of the party who attacked the mared
tower at Fota. dower at Fota.
AXNEMPTS TO MURDER M CORY ©TRMAEA Friday night, ghortly after Mackay's arras Sundays Well, Cork, wlien he noliced \& man h him on the footpath who, as he approached Thto the road and presented a revolvex it bis face and seeing that he was not a detective, the wry returned the Fevolver into his pooket and matit On Sunday night Constable Courtingy, of the detw fired at four times from a revolver, by one of the took effect and the secassing escaned the poins took effect, and the ascassins eacapec, ard John Eddy, boiler malrer, froa Enland arrested on suspicion of being the guilds partce arrested on suspicion of being the guibs partes prisoners a large mob assailed the polige with sum mounted and foot police charged the mob mith int swords and fired bayonets, woundinis seremal The rioting, however, continued until star ulum Act was read late in the night, end the poins in gain obliged to charge the mob with drakt sme and fized bayonets, Many of the riotars weru woise
One of them, a lad pamed O'tieary, died in the hon on Tuesday morning. Two of the rioters were bive bofore the magistrate during the day, and commer
for trial before the Recorder. On Tuadey erat or trial before the Recorder. On Tueday Cork, and were proceeding to search him, roal presented a revolver and fired. The pol.ce renz on returaing found that he had beetn rempe
crowd. $A$ six-barrelled revolver, with tro discharged, was subsequently found reat tus and in a house adjacent a man named Dineen nat and was identified by the police 80
at them. He hes been committed
at them. He hes bean committed for then Ballincollig Mills for shipment were emontai large body of lancers and infantry. The pol
street duty day and night with loaded rides ATtack on a Paivate House--On Tuejar the house of Mr. Hugo, in Pope's Road, chas by three men, who demanded aron attacked by three men, who deme office, on Whan obtaner agan. Bamed Builen and Hynes were charas
the illegal possession of arms. Bullen had cono the barrel of a gun loaded, and IIn nes had the
The gun was identified by Mr. Hugo as the one from him.

## Scotland.

The Scotch Roman Catholics asd Festus -On Sunday, in all the Roman Catholic organ, which has lately been dervis denouncod from the altar, in accoriance witb Propapanda. The Cardinal, in lis letter, to the Sacred Congrppiation "that the journ ase mating writings which cause great sing out tat
Catholics of Scotland." In carysing apustois
structions of his Eminence the ricars framed a pastoral address, in which they that a accleasstics inder their jurisaiction in yuesta the publioation of the paper in require of them, under pain

Rongerotiat 100 , this fine estate, belonging to yymuir of the Marquus of Bute.

## nailmaps.

fodent on the Grett Eastern. - On Friday masa, on the arrival of the siding, and of the line, the Fath nert the engne mounting it, and completely - xatig the way for several hours. The driver and
 ComPBNitio. Cises. In the Court of Common Hy he week a mir, Hunt sued the fondon and atided on the defandants' ine by a collision near ar ins fonnd for the plaintiff-damages, 1501 - In
 $x$ damages for 1 ujuries suntained by him near Paris in x te me truellume and an engine coming the opposite ny on the same line of rails, Several pnints of lawt
rened as to the fendants'lablihty and oventually
 arsp eare to move the Court to draty inferences of Mt, and to decture a block and mast maker in High Street, $\pi$ ppine bmught an action against the South-Eastern impan for bodily injuries which he had sustained $A$, urf found a rerdict for plaintiff-Damages, $50 l$.

## Quituary.

社
4wew is Robert Barlow, GC.B. She was









 He also thrato "Mare Whirlis than "one," in reply to Professor
 Sicnces in the lumperial Institute of France, vacant by the
death of M. lerzeliua. Jio received from the lato King of Prussia the Prusslan Order of Merit, and from the Emperor of Franco tho decoration of an Officer of the Leglon of Honour He was twice married-in 1810 to the younyor daughter ark

 Mr. WILIAM WARTOR HAWRINE, formerly M.P. Ior Col-
 elected in 18:52, in conjunction with Lord John Mannors, M P
for Colchestor. After the difsolution in 185\% he did not offor for Colchestor. After the dissolution in 185\% he did not offor
hituself for ro-election In the rail ray world le was well
 land, on the ist inst, at the great age of nearly ol vears the line of the Fydolla in Cheshife and Lincolnahitre. Ho was Receiver-General for Lineolnghire for 40 yeara, until that office
wis alwished in 183 t. He was Jicut.-Wolonul of the South


 his only afster, in 1790 , murricd the Hon. and Rev. Charles Lindsay, iffth, son of tho sercinth Earl of Barcarres, and was afterwards Dishop, of Kild.are. Their oldeat son was Arch
dencon Lindsay, who died in 1853. Mr Fydell was twice deacon Lindsay, who ded in 18635 . Mr Fydell was twice
married-first to the eldeat dnughter of Mr. T. Carieton, of Carreton, who died in 1818 , and, secondy, to the daughter of stod that Mr. Goorge Fydell Rowley, son of 1 It stood tout sir. George Fyderce, Rowley, Bon of inriteorge thaw funded and real property of the deceased gentleman.
WiLite. - The will of the Countess Dowagor of Harrington lase
 merly manufacturing salkersmith, of Duko Stroct, Linculn's
Inn, ite of Aston Clinton, Bucks, 30 , foul.

## sflarkets.

Both foretos ifonorts and home suppileo aro amply sufficient now becoming scaros, and are confined to Kasfor Beurrd and Beurre Ranos. Boville Orangen for marmande are widit in per
fection. Spuniah Ohestnute for planting realise about 10 s , and Bpaniah Hazel Nuts for planting $180 .$, per bushel. Poontos have not altered in price oince our last report. Mlowera ohisfly consist of Orchids, Cyclamens, Chinese Primulas,
Pelargoniums, Mignonette, Early Tulips, Hyacluths, Poinsettia puicherrimes, end Romean EREITT
Apples, per bushel, ta to $8 \mathrm{~s} \quad$ Pairs, par doz, 88 to 9 M

 VEGETABETS.
Artichokes, per doz, 2s to 3s Mint, per bunch, Asparagua, pur bundie, 88 to 20 s
Beans, Kidney, p. 200, 2 s to 3 s Boet. per duz, 1s to 28 Carrots, per buncle, $8 d$ to 9 id Celery, per bundile, 18 to 18 on Endive, ner scoro, ls fd to 2s Endive, per scors, is 6d to 2 s
Garilic and Shalluts, p. Ib., 8.1 Herbe, per bunch, 2 d to 4 d
Horse Rewish, p. bund, do to 5 Leeks, per Dunch, 24
Lettuces, per doz, 2 s

## COALS.-Teb. 18

1
mbert's West Hartloy, 15s. 6d. ; Holywell Main, 15s. 6 d ,




Thare has been a deodidedy better ing inulyy for wool, and priccs have gencratly adrancord about 3d. to bod for Lustre
 Filesurs- Southdown hagg

Goutluduwn owes and wethers Leicester ditto
Sonty-Clothing
.. ${ }^{\text {into }}$.
cor $\quad . \quad . . \quad . . \quad . . \quad . \quad 1 \quad 0 \quad-18$
POTatos.-Sut isk $A$ Rh, Munctay, Fub. 10. During the past weok the arrivale congtwise, by rall, and
frum noroad havo boen linitod, and the demuld has


 Frenol and Belgian Whaten, 100s, to 110 0 .
hops.-Borotgh Mariet, Friday, Feb 14.
Mesers. Pattenden \& Smith report that trade continues
qumediate requirements, at the reluced rates.
$\begin{aligned} & \text { HAX.- l'er load of } 36 \text { Trusses. } \\ & \text { Skutieikid, Thursday, Feb. } 18 .\end{aligned}$

## metropolitan oatile market.

Although the supply of Beasts is mish smaller than on

 nd 10 Pigy, from scotland there are 461 Beaters; froin Iroland, Vorthern and Mddand Counties, 1100 ; and 869 frorn the Best Scota, Hero-
furds, dic.
nest Shorth
2d quality Reasts

$$
8 \text { d. s. }
$$

${ }^{6}$ d. B. d. Best Long wools $^{\text {B }}$


Bant Downa and
Hall-brods
Beasts, 9460 . Shecp \& Lambs, 16,480 , Calres, $4-48$ Theredaf, Feb. 13.
The supply of Beasta is not so large as on Thurbday last rade is not brisk, but Monday's quiutations are pretty wel
 rather dearter. Tho number of she 0 a a fair averagr, and
trade for them about the same es on Monday. Thers to rather better supply of Calres, but choice ones are still dear Oar forcign supply consista of 50 Boaste, 520 Sheep, 81 Best Scots, Here-
fords, ac. 48 to 410 Boet Longewooln \& 8 to 50
 Best lowns and
Half-breds

Beasts, s10; Sheepram Lamhes, 483n; Calver, 113, Pigs, 120. MATRK LANE - Mindas, F(1), 1).
The sulply of Whetry frum Fsser an 1 Fent to this norning's


 Beans and loas brought a elight adrazce. The sales of Oata to pay 3in, to bi. noure mongey. Flour whe difficult of eale $t$ pasy 3 , to bud. n.
and rather cleacher.
 Norfolk.
Foreiga





 Marze … ..................... ${ }^{-1}$ Forvign ... 48-58
 - Pribay, Feb, 14

The wrather aince the Tth inst. has gradually improved, frosts now vory fane and sum the kind an at the comunence ment of the pust weck liss iween hall, and pinces have in muast








 from inat weols, there remained for sule ghout late rateargoento






|  | Wheat. | Barloy. | Oats. |
| :---: | :---: | :---: | :---: |
| Jun. 1 | 67810d | 4184 |  |
| - 11. | 608 | 418 | 253 |
| - $18 .$. | 718 | 42.18 | 25 |
| Fob. 1 . ${ }^{\text {a }}$ |  | 424 | 2511 |
| 8 | 734 |  | 260 |
| Agg. Avernge | \%12 | 12 | 25 |

W ANTBED, as HEAD GARDENER, for a Gentleman's




 W ANTRD, GAARDENER (Single-handed), to keep



W ANTED, as PROPAGATOR and FORRMAN OVer
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 WANTED, a stendy and energetic MAN, who well
 W ANTED, a competent MAN, to undertake the

W ANTED IMMEDIATELY, a Young Man quick at
R Competant YORSERY FOREMANANT of \& thoroughly
 W ANTED, it YOUNG MAN, to Aseist in the Horues,
Wantel young
 J AYGS CARTERANDCO. ATe in WANT of SEVERAL

## 


$\|_{\text {B. WILLIAM }}^{\text {R. BULL }}$ is in WANTT of a CLEREK and
 W aNiED, a SHOf MAN- Must be thoroughly
 SHOPNAN WANTED, -Must be a good Salesman,
 SHOPMAN WaNTEL, $A$ Young Man as UNDER - Bime Biand. Ho mont have good character and grod ad Irem. W ATED, TMMEDIATELX, a young Man as



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 CTEDENER (HEAD),-Age 25, married ; understands

CARDENER (HzAD).-Age 34, married, no incumall kinds of Frutt, Fiowrer, and Vegotsbles, Early nnd Late Forcing.
CARDENER (HEAD) - Middle-aged, married;
 GARDENER (Hrath).-Age 32, married; understands

CARDENER (HBAD)--Age 27, married, no incumU brance; weil op in Vines, Plneg, stovo and Greenhouse work $G^{\text {ARDENER }}$ (HzAD). - Thorougbly underatands the
 E. W., Mr. Hughen, Ranterato Streot, Wincheorer.
(TARDENER (HEAD), -Age 29; thoroughly practical

CARDENER (HEAD)-二Age 27, married no incum-
 CARDENER (HRAD).-Age 26; thoroughly underCrom thandid hit profemion. in all it branehen. Five yeario charactor
CARDENER (HRAD),-Age 33, married, no incum-

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 Carden, Hatton Hall, Weilíngborongh.
CARDENER (ERAD).-Married, no incumbrance; has

CARDENER (HzAD), -Age 32, single; weil experiColtrition of Orchtid, Stove, 2nd Greenho Mes Fhonts, and the


## (YARDENER (HPAD), or FOREMAN in a goon

 CARDESERR (HEAD Wonkwi), Ase 50 , married, no
(GAREENER (HRAD), where two or mone hands are

 CARDENER (HEAD or SINGLE-KANDED)-Age 26,

GARDENER (HRad or Singlis-havDeD).-Age 27
 $\bar{G}$ ARDENER (HRAD, Or SINOLS-HANDED), to any





 G ARDENER (UNDRR), -Age Z2; har a apod lor GARDENER (UNDER). - Would not object to 2 in




HOREMAN (GENERAL), or to take Chare it
$\frac{\text { W. F., Poat Omee, Thirsk, Yorkhalre. }}{\text { To Head Gardenerk. }}$




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 extabisisument
Finchley,
PROPAGATOR, or FOREEYMEn, \&̌C Has Geld a simplar mituation th one of the leanthy Nurseries Gor the limit geven yearan Good rotervenem on ht
PROPAGATOR.-Ho Nurgerymen,

PROPAGATOR
T'o Noblemon, Landed Proprletors, and ome LAND STEW ARD (Scotch), who has beez al

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SATCRDAY, FEBRUARY 22, 1868 ,

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If RENING LECTURES TO WORKING MES
 requested to brlag hla name, nddre
piece of papor, for \#hich tho tichet

## 弱ome N"tins.

Tar Court.-The Quean and Royal Family continue at Osborne. On Priday morning the Queen went out with Princess Beatrice. Prince and Princess Christian, Princess Lonisa, and Princess Henrictte, visited Portsmouth Docksar.l. In the afternoon the Queen drove out with Princess Christian and
Princess Ifenriette. On Saturday morning the Queen went out with Princess Louss, and in the afternoon drove out with Prince and Princess Christan and Princess Henriette. On Sunday the Queen and Royal family attended Divine Service in the parısh church, Whippingham. On Monday the Queen drove out with Prince and Princess Christian, and Princess Henrictte, Miss Macgregor arrived at Osborne on a visit to Her Majesty. On Tuesday morning the Queen went out
with Princess Beatrico. Prince and Princess Christian and Prince Christian Victor, accompanied by Princess Henriette, left Osborne for Frogmore. In the afternoon the Queen drove out with Princess Louisa. On Wednesday morning the Queen weat out with Princess Louisa, and in the afternoon drove out with the Duchess of Athole and Miss Macgregor. The Duke of Richmond arrived at Osborne on a visit. On Thursiay wards walked with Princess Louisa. The Duke of Richmond left Osborne

Tra Prince and Peincess of Wales - The Prince hunted with his harriers near Slough on Friday. The Princess drove out. On saturday the Prince nresided at a meeting of the Council of the Duchy of went to Drury Lane Theatre. On Sunday their Rojal Highnesses attended divine gervice at the Chape Royal, St. James's. On Monday mornint the Prome
and Princess visited St. Bartholomew's Howl ital. In and Princess visited St Bartholomews Hom it Lal In The Princess drove out, On T.upday the Prine
hunted with her Majesty's staghounds. The Prances hunted with her Majesty's staghounds. The Princes dined with the Duke of Cambridge, st Gloucester
House. On Wednesday the Prince presided at a meet House. On Wednesday the Prince presided at a meetinf of the Governors of Welington College, held in the
Palace of Westuinster. In the evening the $\begin{aligned} & \text { 'rince }\end{aligned}$ and Princess of Wales went to the Prince on theatre, Duke of Sutherland, was present at some experiments made by Mr. James Farie in the application of Dick's patent portable self-acting fire-engine, called L'Extincteur The Princess drove out.
Cotrt Arrangegents. -It is announced that the Prince of Wales will hold Levées at St. James's Palace, on behalf of the Queen, on Tuesday, March 3 , and Tuesday, March 17
THE CABINET--A Cabinet Counoil was held on Saturday at the oflicial residence of the First Lord of the Treasury, in Downing Street. Another Council is summoned for to-day.
The Illness of Lord Debbr.-In the course of Sunday maght Lord Derby experienced a relapse, and on Monday Lord Stanley and Dr. Miler were summoned by telegram. Dr. Muller arrived a Bickersteth, of Liverpool, and Dr. Gorst, of Prescot, in consultation. Lord Stanley arrived on Tuesday morning by the night train from London. During the day it was announced that Lord Derby had passed a very quet night, and Drs. Miller, Bickersteth, and Gorst issued a bulletin stating that his lordship contınued to improve in in very satisfactory degree, and the latest new states that expected to leave his bel for some dass. Dr. Miller
 Whose accouchement is expected shorliy. Lord herst, who is in the hands of Drs. Biake
sollow out Dr. Miller's regivew.
Pabliamentary Movements. - Mr. Brett, the Solioitor-General, was re-elected for Helston on Wed nesday, without opposition, the two Liberal candidates, Messrs. Rogers and Lea, having declined the polling for Cambridge Lniversity commenced poll. Wednesday, nnd witl continue till Monday. Tho result of the poll on 17 ednesday kave Mr Beresford
Hope a majority of 17 over Mr Cleasby ; on Thursday Mr. Hope had increased his majority to 48 , and the returnat P P. M. yesterday cave bima majed on Thurda in the return of Mr. Melly, the Liberal cand idate, by a majority of 69 over Mr. Campoell, the numbers bein
$14 * y$ to 140 . The Conservatives of South Leicester share, at a meeting last week resolved to bring forwar shore, at a mecting last webk resolved to bring forswar at the reneral election. The Conservatives of King's Lymin have deternined to bring furward tho Sir Fowell Bourke, som it is annnunced that Mr. Sauuel Morley,
the well-known Nonconformist, will be the Liberal Pcto from Parhauent The Shbievatr Corneall on Salurd- - At the Commeil of the Duchy of letters patent to be passed under the Seal of the Doehy aphointing Elward Conde, of Sunt Austell, Ewn, Nrw MeDICAL Banonetcy.-It an announced that the Queen lias sigmifed her intention of conferring a baronetey on Dr. Jenner, who has for some sears been
Physician in Ordunary to her Mrjesty aut the Roy? Family. It is said that he will be the youncest medical Convocation.-Both Houses of Convocation reassenbled on Tuestay after the rececs. In the Tpper
House the Bishop of London snid lie lat bren asked House the bishop of London sind he liat bren asked
by the Archbishop to more the following recolutions by the Archbishop to more the followng recolations -

 dient for the peace of the Charch- - . That thi linits of retual
observance allould not be left to the uncontrolled diseretion of indivldual clorgymen, nnd otight, therefore, to be defined by
avfill authority. is Thit annic ener and ine pensive procers
 The Bishop of 13 inehester sermade d the motimb, and support of the resolution, and his the Mbsing of $O \times$ for 1 apanst them, the delnte was admurned I Inmernintely armards bishop of Chester and ot her hising of Armagh, the Bishop of chester, and other bishnps from reland and the northern province, entered and sat in consultation with the bishons of the provinen nf (in-
terbury. On Wednesday the debate on the bshop of London's resolutions was resumed by the Jiviop of Llandaff, who spoke in their support the lishop of Salisbury moved "the prerious question." After a $\mathrm{L} y$, Lichtield, St Dirid's, and thoo Arculhishop took part, the previous question was loat. only foat bishmys for it ithe Bislion of Oter, and Lachfield-voting amendment whick led to a lone discnssion, ifter which the ortginal resolutions and the Bishop of Oxford: amendment were withdrawn, and the followine moved by the lishop of Winchecter, was carried with but one dissentient (the Bisliop of Salinbury):-
That thae limita of ritin? , inervance cann the left to the



In the I onser Joulen om Tuesdas Arrldemen Wordupention ather member, ir enat. I graviminz and object of which weat to induce Convocation to take my further steps in its power to enforce the sentence or deposition and excommunication passed by the Africar bishops against Dr. Colenso. The discussion on the question was postponer. Cunon lloodiord then moved that the President he nshed to direct the to be read in that holve. The Dean of Westminster considered that by this was intended a formal acknowledgment of the synodical character of the Lambeth conference, and gave it his stronpest opposition. After a long discussion the terms of the motion were altered
somewhat in favour of the dean's sjews, but a rider somewhat in favour of the dean's wews, but a rider proposed by Wednesday the encyclical letter of the Lambeth Conference was read by the Prolocutor, all the members of the house standing. Archdeacon Wordsworth then moved the following resolution:
aThis house acknowledges with thankf iness the act of his grace the Precident in
Dr. Fraser seconded and Chancellor Massingberd supported the motion. The Dean Westmmeter csid that while the letter attacked the Mariolatry of the Church of Rome, it held out the right fand of fellowship to the Eastern Churches, who were prartically as gulty of undue exaltation of the Virgin. Ile did not, however, object to the motion, berause by siving the sanction of Convocation to that leto. reed. Ifter a fow word from Srehdener on It ehemale, the motion was adoled The remamber of tre sutine
 House, a diseussion took phaco on ar petition in fayour of allowing, in cases of sickness, the Sacrament to be conveyed from the church to the house of the sick person. Soveral of the bishops expressed their opinion the Bishop of London showed that by the Rubric it was not a matter of abonlute recessity that the Sacrament should be administered to sick persons of the Lower House recommending the merease of the enlarging the constituencs by admitung ramates to rote at the election of proctors. The motion was agrect to. of the report of the Committee of the [ pper Holmon on the question of diocesansynoda. After conalmerable dis-
cussion the debate was adjourned In the Incher House, the debate on Canon Spynsur' mot min thin sumed. The Dean of Ely moved an amendment sumed. The Dean of sympathy with lue 1 Bishop +1 (ajpetown,
men properis hy Canon Seymour as au articulus olerh, Goveriment into hatred and contempt. MM. Baroche




 "rper Houm

 ceectugs and recoumenuatons of the Internotional
Conference, held in Paris last year, under the aurm en

 Is weli W, wa, of the 'ranury, who was deputed, Conference, will act as secretary of the Commission.

## ffotcigh

France.-In the sitting of the Legislative Body on Fridy, the delyte 1 ming the Press Bull Mas resumed. AI Berryer mado a speech in favour of the amendment prollosile thit Prea nimes shnind he tried by
 during what II Pedletion was called to or ter by the 1,i) tor to botes. In the atting of Saturdar a Bill was introluces prope-se $\leq$ to alwhiah deflintively the extra


 puhale hurnals rear thene lagal promeliogs
 Interior, sand that the Government was determuel to tifese nalyerti-ements to papers shich deared that avar farow of the Goveritmet. If. Olisuer, retirring
 certainiy did not desire the overthrow of the dyasty.



 to the preapit Goveriment Tho amendment what rejerted by $186^{\circ}$ ammat in votes. M. Berrser thied gyoke in favour of an amfodmant proposing thet tho
 Rnulier DIF
 ment, propame the asmotion of the second artule of the decree of 1 zis , whitl requires that pirelfmamary permission be notamed before fornigu journals can mittee, sud that the free adunsmion of foreiza journals woild be detrimental to the Freneld newaramers, and plam them on an umernal fusting M Jites incomptrb lity betwe no the reatrution upnn the by the prevent Bill of the preliminary authori-
sition huthertn ranuired to establish a The state of affars placed France in a nosition of ment of M. Grrnier Pagec wres reenpected, as was also an amendment moved by MI. Pelletan, respecting the
penalies to which journals are to be liable. Another
amendment reapection the sel

 $\frac{2}{2}+1$


 trials before the Courte was a necessary guarantee, but that the publication in the newspapers of the pro vectany rompera arainst the Press whe a daneer will,ont
 law court- the rizlit of muthoisinz the puhlication in carea, caras noder discussion. MM. Baroche and Pi168 votesed the amondment, which was rejected by cussed demading the abrogation of the derrec August, 1848, which renders newapapers linble to pro
jucted villiout delate. This (Lasmher then began the discussion of M. Janz's amendment, which propubish annlyse und criticisms of the debates which
 Legnative body, ha suifering from complete losis of M. Magne, the Minister of Finance, is satd to
hare sulitited to the Council of Stale the draft



 wrovided with Austren pasouorts, granted by a mistake
of the subordmate polive authorities of the subordmate police authorities. As soon as the
Frencl Ministers were informed of the fact they took French Ministers were informed of the fact they took
the necessary measures to locate the officers and men separately, and at a considerable distance from the eastern frontier. According to the Elendard, the court of honour instituted to $t$ the clarges of corruption, has terminated its laboura. Its deoision is said to be a complete dismissal of the charges preferred.
Spatn--A Carlist band of about 50 men have made their appearance in Navarre. They are said to have mach acyeral were wounded. The police in Navarre hive seized 300in enples of the portrat of Don Jurn's Pldest son, whom his partisans denominate Clarles VIL. Cortes that he proposed to make several reductions in the Budget The Senate contimued on Wednesdas the Count of the reforme arrived at Me Courts of Justlee Norw it.-Tne new postal treaty betwren Norwa the corpesnomienere is confederation 18 conc luded. haten to Chrothana twire, and from Kiel to Chrotiana one a weck: postace, 3 , sm
B1 LGIt 3.-A veosel laden with 200 barrels of petroand with annther vesect laden thin Antwerp Docks, consumed by the flames. The property destroyed is estimated at 1500000 . .
den in e Copenhagen papers state that the Princess of. Wales haz been mwitm to be preant at the inzuguration of a
 hut redt dations hath bean reenved frem I'ras-11 teprotory The Couneil left to the respective Contons therring rit of affordma asylum to the respe persons, but they uddenly quitted Switzeriand of themrown afeord with Alstrian passport, after thenr position an restdents in he molintry bad been seltled.
Havover.-The Vienna papers publish an account of the dinner given by the King of Hanover on Tuesday,
 Mitjesty propocal ne returue l thank to thove who had cone frem a distanee to be present at this fams meneting, held to show the intimate connection of the IInuse
of Guelph with the Hanoverian people. He entertamed the conviction the hanoverian peopre. Honever as ree King Hin anceators had been compelled to leave the country, lat found upon them return a harger Guelthe kinedrim. l'rovidence ju-tified him in the beliet that he, too, nould go back to the country as luded independent Sovereign. His Majesty conreunion in the land of the Guelphs. The dinner wa attended exelusively by Hanoverians.
 Prussia.- In the sitting of the Chamber of Deputies on Saturday the Government asked that the sump fixed
in she eatimates for the police administration in
Hanover should be roted. This. amount had been
reduced by the reduced by the committeo but, owriug to the aritation

 Hher, at two htel, hy in stat of D. Wember, Is They mav, lawerer, be clowed at an eqrher, perion the proprietore. Tho compensation is to be grantel to riating in reawe the funlu for rem wing the distreas Trezalry shall arrant lams by way of adman en
agricultural purpumes, the noney bemo raivel by the Mondly the speclal rabate commenced or House on based upon the promonal of the Committee that
members of the Diet alould to conrt componed of members of both Chambert in a performed for express.ons used while engized in the rotes boing of their duties as representatives. On the

## members, pararraph 1 was rejected by if the The Bill was therefore thromz out In

## conipencation to the the deposed Gepe res ins came on for debate. Heir pon

 Whethst the frovernment still a lhered thwrih the ex-King of llanover aiter the had occurred in connection with the incos. 1 Is:
Legion. The Finance Minister ranlind Lecion, The Finance Ministe
tive. The Government had trk
tomoserious conviderntion
 act in a spirit opposed to the $t$ Would attach his property, and not dei in
thaler nutill it was convinced the troet fully observed. The House then wing $15 \%$. the Bill. The Bill relating to the provinrial fund for Hanover then came l. sion. The Bill was supported by the V: Finance, and adopted by 127 against 14 AUSTRTA.-Letters from Vienna state that : Legion to go from Switzerland to Government, has addressed to Count Pater, the ex-King of Hanover, blaming the connivance of the dire tha In the sittung of tho Reichotath Iondly the cotimates
estimates of the Ministry for $\mathrm{F}^{1}$
passed, only a slight reduction
amount of secret service mners, namely in on
being Jeft matact. The proposit to ato st anmportant loritinns nas rejecte 1 ill consemote
 all the Arcladukes were present l'rine on behalf of the House, assurinp them members, as well as the majority of the Auersperg, the Minister President, recped support of the House, which, had, he ssid, dit Mathuistry in a spirit of matriofic imm Government, on its part, would leave in piff: to uphold the Crown in undiminished wimin it at the same time firmly adhered to the e. of Liberal institutions. In the sitting of th others brought forward an inyternellation entin others brought forward an interpellation, the Alzatrion pasens yrimed to the Hannapat gees, and the feativities which rerently to w
the Court of King Georan of Mmnver the court of king crearan of innnet as las: Beust gave a reply at once, in orrar, as tea:
dispel any unensiness. Ite de lave in that to nen
 lad been than to kenp its eclebras sh anumis of the fam, ly
shte nent rerently finl offi.itl journoly was the whil contriry assertions were filar exnrtions whinh the Alestran man $^{2}+\mathrm{tan}$ madn to prevent aly interrizt: in of $t$
 on the mort of the Antrian ( $1, \mathrm{net}$ Th. ment lad limited stoelf to
would not culfer that ciliort mure, by ille ritimate. issuled by Ir Giskira, it The Minister calla attention to the antation! tution, and instructs distipets annurs against encourazing intreston inform the brisiops that the fors their spiritual duties, but that they should nor consider themselres as aborens In case of non-compliance, the Gorernmen ampelled to bring the disturbers
efore the tribunals
Irali.- stated that the Itahan Gouta French Cabinct of its intentinn bono irs, carry out the terms of
15 th Septernber; and also that it las mathe
moth neossity arrangements to pay the futere its In the sitting of the Clical debton the is Fint of War was concluded.
Minist was concluded. ('nunt (wilri) Minister of Finance, promisel to yreat 1 gunpowder, and imposing


[^43] that tlacerinn of Tre lirs:

## meneig in Mureh The Tin stated that the Adriatie Wulw

pleted by July, isiza in thip a
President announced lie raturn





- Tas C'ruin whe cantuenced on Satur-
bserved, large crowds faled the stritels. saled
is said that the Great Pomers acted Sormation when they Made rey reenta-
eand Bu linrect. Petnce M1utuen has porulation
IIvriae. - The Pafrie, of Thuisday,

 harm in giving an ajparent confirmaeratiuns of the commattees who are t rentse the Bulsinan pooulations from Foremhenme to theil' aid.
 anil firmph, Inna Pathlowna, whife of the 4nenar 'jeorge XIII, borra ('onlates of Koutaissof. r. amuanted woutl for lier great erudition, and riselan century: was a pleasing writer, and so
 of raterifl for some yean lyefore her leath


 is- $n$ on moly of tho trnops cannot advabce until the - Th tume, as each mule's burden upon reaching "un onles of piping for the conve weight of 10 lb


 007. Il and the aluly allowanco was 07. Wope- - tromints from Table Bay

 Froma a return just jublished marked venue and the extent and promprete of
 ${ }^{\text {chann of the prest nt year. It had bein }}$
 brifiteming. Gold quartz and
rry, and a large party was in course
nf ranusation to explore the neighbourhood
1 Geriull museralagi-t, Herr Mium, who hay beeu I Gerrulu mheeralnci-t, Herr Mauch, who lav leceu hios funud gold -not na small, starcely woble specks. It ungreat vems of quarlz, ene on them more than fio



 went of the Privs Counch, and derlares that Datal ianile ; that Dr. Cotenen is therefore trustec of all the
buiddings, and has eeclestantual juriatition The and prolnbits lime from offinentime in ans of 1 )
 ince held a meethen, at wheh it was revolsed not to aypeal acmanst the judement, hut to erect or line temporary churchea, and that Dean Green should at once proeped to England.
 that nearly 30 vessels have left Bounby for Abs ssini during the previons fortnight with troops and animals and the 3.1 brizade fiedd forec. Tho departure of the
 fue eactian, fiate hicil made by the linmbis (o sermMent is meed the requasions of the (anamat icr-bulbeen aceomp inhed through a great stram lemg put
upon the Executue braneh departament Over

 Gand recently rove ambunt the golner, but wero overbownced and three of them wern \&lled, $A$ larse ganir of Wagher prisonter oserpowered the nuari of the sounding several and arminnt themantres. l3hootall montmoses in a most disturbed state, the chaefs contondinn' with pacll other. Enir Shere All has retired to Inrrat ans abandoned I3 aikh, which has becn peaceably occupned by Abdul Relaman.
-th January, ammounres that the Daimios the resolted, and mado the 3 Ikado prisoner. The Saigoon hiad fled to O-nca, where he was organising a force to
attack the D.imios Tho town of Honco and two pal mes at Jelto lad been burnt. The Furragn Monisters refimel to interfere. Rear Admirad Bed. Japan, ado his Flar-Lieutemant Rod, with a boat's crew of 10 nuch, were drowned at $O$ racn, on the
 Mantere to the Fine Me Thornton, the hew British

 Mreens sohnsou bo worthity prested, and saider that hor Majestys Grovernment felt deeply grateful for the of sir lrederick bruce. Mr. Thorcton concluded by de larmug that it nould be his endeavour to strengthen the friathdshis belween the tho euuntries. President Julnorn rejlical that the (Yneen, more than any otlice
 the Ameriban perple. Her Majrety's kind mewage existume differences betwpen the two Government : Sir
 consideration and contidence would be extended to Ir Thoraton. It was reported at Wasbiagton that Yresident Jolmanu lad elerted General M Clellan to England. Thero was much doubt, however, whether General M'Clellan, who is at present in Europe, would axcept the offer. Mr. Dickebs hat been cordally received at the Executive mansion by Presilent eurrenes became law on the 1 tit inst., the Prendent mot having signed or vetoce it within the 10 diys allowed ly the Constitution for its enns deration by him, A resolution has been referred to the Comto demand the release of requestiog the President citirens arrested by the Br,wili authorities for word spoken and actions done in thia country, and should we release he refuso to cease diphomatu" intereatro
 resolation of 1 in purs, has been pmblinhed It slion
 Stanton unless authorised by tho Exsecutire, and that General Grant replied that he should remard Mr Stanton's orders as authorised by the Executive unles actually countermanuled. The Reconstruction Com recommend the impeachunent of President Johason fo the reingtatement of Vr- Stenton os Scopyontion to Nova Gcoma, Advices from Canrla annomme that a motion has been made in the dova bratan Parliament that the promince :hould mathdras from the Contederation.
PrRE - In Limin the poi, tren erents of the mest two muntlin had beca of the arealeot importance The Prest

 saut of maltars shill. Sutsequently, on a false rmmenar that has army was in revolt and clamorous for has hfe,
be tled atid returned to Lina. The public indignation be tled and returned to Lima. The public indignation ras habounded, aHi, ater a revotutionary combat of
fire hours, he was ohliged tr revikn the Prewidency and
take refuge under the Pus of the Lined take refuge udder the $1 \mathbf{d y}$ of the Enter States.


## \#Jarliamrent.

Ty the IInase of Iords on II miss, in anowne to the
 mommediate jraspect of carasinzout their fer mamendations unless parmament gramtel a aper ial rote of nrobability: The Last lond na Mumenm (Site) Bild hrouphitin a Bul for atmendang the (iomserrition of
 - econd rationg of the Irominars ()alan libli, theolye to
 menersbe that foce only slomld be them, nomely militare, and conctable eathw. The lable alonabotetuted short and simple form of onth for the runint and which Iord LYYEOFN, Earl Jec'ssmed, the Bishop of aford, aind L, rd WFetmeri took part, the Bill n as

 ad led that the mants whatever bey ind the cost of tho crection of the
bundina, whorh, wat onls one of the mow disuopd Bromgton B ilem" Alfer momer rewarks by tl


 Cunmattee on the Promisory Oaths Bilt was nomm nated, and the East London Suwnm Site Bill was read it thard time and passed. Ientra lay the House sat only for
In the Commons on Friday, on the motion of Mr Wilfole, the Publie Schools Bull was read in second time. The Earl of Miso obtaned lave to bring Ball to renew for ane jear tho IJboas Curplas arspension (Irelanl) Bill, ctatina that it whs the bsolutely necpssary for the joresematum of the poas: of Ireland to fru-trate the eflorta of the Felainn colsapracy. The $13,1 /$ wasthen brimht in, and wastenda

 time the Babeas Gorpus Buspension (Ireland) Con-
tinunace Bill was agreed to, and the Bill wes ondered to be committed. The LoRD ADFOCATE moved for leave to introduce a Reform Bill for Scotland. He and that it was not proposed to. li frameliso any exist inilar to that in Emgland, and orer man woo be similar to that in Erzaland, ama aram man who occl In the counties the frecholl frat thise would be criced to $\overline{i l}$, and the Eruupying framehise to 121 no superfunty of representatiun in Scatland, but that, on the contrary, she was entitled to more members, they wero prepred to increase the nttuber
by efven. It was propased to give two to the universities, one each to Lanarkshare, ty rsbire, and Aberdeenshire, one to Glasgon, and oto to a now group of boroughe to inciude Ardrossan, Coatbringe, Whishaw, Barrinead, Jolnstone, Helensburgh, Polloks shaws, and Kirkintilloch. It was al (Galaphosed to add them to the Eudunston distrant, and to add Alloz to Stirling. After some remarhs by
 Mr. DLARBN, Sir '1'. E. ColenaOk', mat Sir J. Fergerson, the chancellur ut the jixchfquer deseribut the meanureanthe most munlment uffer whed has ever been made $t$ the pen le of S rotlabd. If wned he was surprisel hastit lid not tholer suz ge-tons mught be made bs the 8 ot $h$ members would lecoumalerel by the forsermment $m$ at -1 att of cara lour, and wall idere to mathe the kill a- - 41 -factory difer some further remarks leave was irten to bring fier some firlier remarks leave was riten to bring On Tuesday Mr. Dodson moved a series of resolutione or amondine the Standing Orders relating to privat Bill legisistion, with a view to Preilitate, simplify, and economise the future proceeding of the House in tha Mr. Chye assented to the motion on behal of the Bonrt of Trade, but Lord HuTh am, as chairman of the Standing rimb homsention lu consider the hope that the woum we mitul ly atonenel for a fort

 of Fizypt, to the etfet laat ang mavement el has tronds
 anssinn to that them. Mr. sifely allal yitur, to
 ards and moved for a select ronmmita 10 , 1 , usr
 yd Parliament for the use of tmn I! ura't! ; sut, 2d,
cially as to the method in which they should be pre-
pared for presentation to the House. Mr. CoRRY baid that he was willing to accede to a select condmittee on the condition that at was confined entirely policy. After somo remarke by Mr. CHilders, Mr gamcda, and Lord Mi. Lensoox, the motion, limited in accordance with Mir Corrs theggestiont was acreed Select Committee on the law and practice relatine to the summoming, nttendance, ank remuneration broumht in 8 Bill to repeal cortain tests an and the collegers therein, and stated that it wa, Bills of last sear In Comentite Mr. The Habea Corpus Susperision (Ireland) Act Continuance Bith ing that no Farrant granted under the Act should than three monthe, and that no prisone
 opposed by the liarl of Miserand Mr MaroY. On Bill then passed through Committee. On Wedneblay Bí C. O'LOGHLEN's Bank Holidass Bill, the payable the day after instead of the day before and to provide that St Stephen's Day (the day after Christmas a a ank holiday, was read a cocond time and referre to a Select Committee $31 r$ SHiw-LEFErRE's LIfe Pohiries Nomibation 1313 , the oblect of which was to enable persing who hate rffected insurances on their endorsenaent simply, without the neressity of creating moved the second reading of his Compnisory Clzurchalolish herenfter al! legal proceedings for the recovery of Church-rateq, exrent in caseq of rates aiready made, or where money had heen horrowed on assessments to be made; all aqreements to natke surch payments on the fath nf which any expenditure had contracts of a like chararter in any court of law or on any question relatink to assessment. Mr Menler said that the Bull would be an ageravation of the evils of total abolition, and wonld nut so many difficulties
in the way of collecting voluntary subscriptions that he preferred the Bill of Mr. Hardcastle. He also clear that any man who agreed to pay a rate minght be made a party to a Chancery suit if some-
body else fuled to carry out their afreement
Lord CsiNBons? wna prepared to consider the Bill
 As, however, Mr (riaditone's meanare offered ecetain advantages to the Church by continting the machinery for collecting the rate, and by gating a vice in the expendulure of the money to those who subscribed it,
he should nccept it, on the principle that he might so further anll NEDDEAT Opposed the Bil and preferred atal abolition. Mr. abolition) said that he was so anrious to see the question settled that he would not stand in mise. Mr. HTBBaRD, who has also introduced a Bill on the subject, said that he would not oppose the
second reading of the Bill, as its principle was the Mr as his own-to relieve Dissenters from liability Mr. Hardy said that although he whs as hostile as to assent to the second reading of the present Bill in the hope that in commituee it might be moulded into sections of the Hould reconcile the prejudices of all the Bull was read a second time The Haheas Corpus Act (Ireland) Suspension Bill was read a third time Mr. B. Pod. On thurbday Lord STaNley, in reply to agencies in the Foreign Office was now under consideration. Mr. HeNT, in answer to Mr. Baxter, said that notice had been given by her Majesty's Government to that of the United States to termmate the new postal treaty between the two countries, with a The ATtognex-General, in reply to Mr. Morfart cas the the of Lords are shot in The Cean and Mr. 1 Griffirn. said that he had expedition whe cencral estumates for the fhyssinian November hat been exceeded Mr. M'Evor to introdure a Bull fir the repeal of the Ecelesiastical Titles Act, to Mr. IIARDY to bring in a ment wilhin prisons, to Mr. Caye to bring in Bill the Board of Trade to the River Lea, and to enable certain railwnys; to Mr. Heghes to bring in a bill to motropolts on sunday, and to sale of goons in th Mr. ADDeng Yesterday, in answer to Mr. R Minis as scon as yossible that the Goyernment intendfis Consolidated Pund from the uce a Bill to relieve the ecolesiastical establishments in the West Indiee. In answer to Mr. T. Babing, Lord Stamery said that
this country and Mexico, but he hoped that a more
satisfactory condition of things might shortly be
broubt shout Mr. Goscuen called attention to the brought about. Mr. Goscken called attention to the
last report of the Metropolitan Board of Works, and to the continuous increase of the burdens laid for various purposes on the occupiers of rateable property
London and elsewhere. The $\amalg$ ouse was left sitting.

## rity $x^{2} n t c l l e g e n c e$.

Mongy Marert, Friday. - British Fonds Account Now and Reduced Three per Cents. 03
 Foseran - Efyptian (1860), 88 to 89 ; Do. Railway
 United States 5
is to 18 ; Illinol $\qquad$

## fitctopalis ant its foicinity.

Mr. Digby Seymour has recoived a communication from the Home Secretary stating that he has had great satisfaction in laying before the Queen the loya esiding in London and its vicinity, and that be Mojesty has been pleased to receive the same most graciously,
The Clerfenwell Octrage. - On Tuesday William Desmond, Timothy Desmond, Nicholas Fillen, Michael larrett, aud Anne Justice, were again brought before Sir Thomas Henry at Bow Ntreet on the charge of wilful murder of the persons killed by of the Crown, said the evidence was complete as amainst some of the prisoners, whom he should ask the mapesthough at first there were very strong grounds of surpicion acanat him, the evidence of Muilany han no doubt that Allen bad been in communication with the police, and was at the prison not with the intenan of alding and abetting in the explosion, bers the magstrate concurred in this viem, and Allen was ordered to be discharged. On leavirg the court, how-
ever, he was again arrester by Inspector Potter, the cornner's jury having returned a verdict of wifful murder araimet lim. The other seven prisoners were THB INQURST.
rhr inqurst on the Clereentfell SufFgrers. - The adjourned inquest on two of the persons brought to a close yesterday, when the jury, after an
wilmil nurder armant Mhlarl Berrett. Tomotliy Jenmurd. "mi leamond, Nicholas Enzinh, dohn per-ons not in custrdy. They also presented a resolution expressive of their opinion that sulficient precau-
tions had not been taken by the police at head-quarters o prevent the explosion The foreman said the jury compliavice with respect to Allen. The Coroner, in end a copy of the resolution to the Home Secretary. Discovery of Amminition ol'tside Gas Work - At a late hour on Thursday week a parcel, containound secreted under some grass by the towing caps, wa he Surrey Canal, and near the South Metropalitan Gas Works, in the Oid lient Koad. It appears tha or several weeks past extra waich has been kept, both day and night, by the police, in consequence of a com munication having been made that it was the intertion of a body of Fenians to fire the place; but what the object of the person could be in concealing the ball cartridges and percussion caps, as stated, is a matter o olice, and conveyed to Scotland Yard.
Trades T'nion Confenence with Mr. Glad-Tones-On Tuesday a deputation from the London rades societies delegates had an interviety with Mr Terrace. for the purpose of explaining to hum the allual working of trades' unions, and of refuting the ateged incorrect statements made by him in his speech
at a public meeting at Oldham on the 18th Decomber
last. The deputation was at a pubic meeting at walam on the 18 th December
last. The deputation was composed of Mr. George
Potter. charman of the delegate meeting, and
of other delegates. Mr. Poter who chief speaker, avoided altopother all mention of the argued that the trades' unions fostered skill, whale competition extingusnel it that all the bad work was done by outsider, by so-called approtices and men who had never learnt their trade; that the emhoyments in hich there unions, of whte women and boys, who worked for just what they could kill and that such competition naturally drove awa Mr. fiadistone in countres, where it was better protected. in all its breadth they must all be agreed, admitted true that rights mught be exercised to it was notice to quit, and eject should give all his tensants labour and skill would sometimes accordingly. But if inle too far capital sometimees push their riphts a not sure in the existing laws had to be same. If any recosurition by the trades' unions did not deserve mithout its enforcing a upon natural prinerples,

## ficial conditions. The presen indicated an undue jealouqy, and be checked, agarnst whomsonre

no he agreed with

## Were liabie to abuse. He had heard of a, ins an which seemed open to objection-rule retr apprenticeships, rules arainst mece-work. <br> \section*{Working stone at the quarry, agamat empirt. "dressmg off," to the imjury of

}against lime-washing
against extra
the labouring aned to him that the best moons ba upwards was the easiest and the on whin Lawrence, oue of the delegatec, sal that the
inquiry would show that the limutation of had acted beneficially on those trades in wh, carried out, and that the pr
dragged down tallors, shoem
to the lowest point of starvation. Mraver, an: Me
that they considered that those whe in acquiring a plarticular thade
different points in connection with the remas METROPOLTTA statents made to their
ing of this board on Yriday Colonel Hom thon the standing order requiring that coppes of minutes be sent to the vestries and distrret Bon contained in the minutes of the Ioand of in relation to Messrs. Doulton and R complete copies of the minutes be
of the Board only. He urged the

## of confidence on the part of the Joard to fur 2 ?

 munications which were ohtaneds as prisateant dential, and protested against any matters beas seconderl the motion, and satd that if thes mem the evidence taken in the Bankript amount to contempt of court. Mr. Coll neso ${ }^{2}$ meeting be sent aq usual minutes distrint Boards. Mr. Howse seconded the ampase fidential ond been bothine marked letter writton by Mr. Doulton lnmedt defence. Mr. Cook sald that in the crides. affairs of persons who had nothing totransaction had been introduced, and unfar to publish them. Mr. Budgond sud te ows aware that the Board had obtamed any er le They were hot under a pladg
and bo could see no harm in sendine the then evidence to the vestries and distran Barce Snundera said that after the report liad be Int of Parlamment, every to the offices of the Boars read and cony it. He believed it to hare
mistake to have taken the evidence at all, soi, decided to take it, they had made a greater mo taking it in private. Mr. Collinson . found that it was unnecessary to pass a vestries and distre't Boards, and he there his amendment. Mr. Freeman pointe Board represented the public as well which they bad taken, their characler woul ha $=8$ There really was no reason why the duty the lisoard owed to the public Mr. Roche were anxious that the whole 0 should be published. Mr. Evans sadd thas the me Court on the understanding that it wa use of the Bonrd, and not to make would ey publislied that portinf of srid that Mr. Furness had stated cidence were published he should look upos 30 to 9 . The evidence will, tberefne, hat propas cireulated among the Vestries aud

## Retiremien <br> 


the discussions on the Furness cont
Embankment, and that the dect

## procending of the Board 112 reference

## 

## nd acou tred on Friday armber reis, ap"

 in respert to the latter, with wheld the farien or Inglis fong ranges, The turntable degind on conjunction with Mr. Cumninglams were used for working the iskl-poly.weipht, and answered admirably.
 The nomination for the
Hail, Brentford
the candidates being put to show o Mr Walter having only one hand and the proceedings, which through by the greatest disorder, were then The polling commenced of the Peabody gift to the poor of London he original oundeas capital to the extent makng the sum total at the end o he building nud Islungton continue fulty domand in anticipation of vacancies. A lour ranges of buildings forming Pea ings erected by the trustees is 1583. The tees are negotiating for a new site
Ir. Peabody's second gift of $100,000 l$. Mr. Peabody ssecond gift of 100,0001 .
in 1899 . The cost of the general during the year was $268 l$. $15 s$. $4 d$
LUN OPRRA.-It is understood that ar to have two rival opera houses, cra are to be united under Mapleson. 'This arrankement oen determined upon in consequence venerally expressed by many influential
he Upera since the destruction of Her and of the desire of Mr. Gye to in ears at the Royal Italian Opern, It is hoped that the arrankement grand Opera. It is stated that Mr.
he sul portod by powerful infuence, and a, under the new arrangement, will be on a grander scale than hitherto. king of Ludgate Hilux.-At the Board to contribute $11,756 l$. one-balfo vement proposed at the western
was brought up by Mr. Freeman. Int, was broup
opposed the
ntually carried

Mall."-The Evening inoed of by nuction last week, norder from the Court of Chancery. The established in 1789, and the s circulation averaging a little $1860^{\circ}$ its circulation averaging a little
00 each issue. The name of the purof transpire.
FtEET PRIS

ON-On Monday, by instrucIndon, Chatham, and Dover Railway
materials of several houses at the corner He materials of several houses at the corner
Hill and Furingdon Stroot, inolading the if, of the old Fleet Prison, were disposed mpr.ernients in that locality, and in a few days
trat ze nf the prison will remain.

Wiclipox at Woolwich.- A very serious out-
hat amallpox has taken place in the Woolwich
 ic c. Le rappers alone, and that in the subscurred
2 wr.te resh cases amounted respeotivel y to 30,80 , snd Wher the week mding February 12, 50 ; the total andantinting to 15 , or thereabouts. A calculation at tae known number of cases under the care If $\%$ inpent mioment there must be in and around Emin ander mearlical care. It is stated that the
anan are anphed to the Metropolitan Abyluma pecial hospital accommodation, but that IT Tha Chablased.
? 1 rose termurming fire broke out of the as hirt simme appet the South-Eastern Rail way ivel with its hotel and surroundings and metncit in the immediate neighbourhood. fimp,nus, outside the area covered by the ithe idding or arrival plattorm at which the Le foof was supported on a series of iron Miconst the thation along the western sude of the 2uth i, isble in the roof shortly before 20 colork Hames of smokng rapidity, shooting upwards re earines and fere on the spot, with 120 dulark Aridge. By 3 onnlook the frought had By 3 o'nlook the fire had I. If donng further it was subdued beyond mof of the station done considerable masses of klass of whinh the roof is
falmeng for come time afterwards, to the remen euraged below. Is soon as the Tasial asareberaltraticof the line flowing west 2nur phe thired Canse man Street station. During M least renil Mean whas never regarded as
atracted to the spot, especially on the Strand
a poperful body of police, mounted and on
foot, was called into requisition to maintain order.
Thousands of people assembled on the bridges and in the immediate neighbourhood to witness the spectacle from all the principal tho earriage trafic was diverted Cross. The river steamers were also leading to Charing time from landing passengers at Hungerford pier, and wot-passengers were prevented phasing along the footwo York Road. In the half-yearly report of the SouthEastern Company, issued on Thursday, the direntors the use of uninflammable materials and otherwiso), as estimated by the engineer, will not exceed 4000 l
Thi Clerkenweli Shootina Case.-On Wednes day James Needall was again examined before the magistratos, on the charge of attempting to murder Thomas Chatterton, by flooting at him with a revolver in Compton Street, Clerkenwell. Chatterton, who
received a wound in the noek, was brought from the hospital to give evidence, and after detailing the circumstances of the attack, deposed that he did no know the prisoner, and had never spoken to him
in his life. The surgeon said the wound wrs a danger in his life. The surgeon said the wound was a danger-
ous one, and the bullet wag otill in the man's neak The prisoner was committed for trial.
Thi Publio Health. - The Registrar-General's Weekly Return of births and deaths in London Fates that in the week that ended on Saturday, February 15,4910 births and 2977 deaths were reglsInited Kingdon. The annual rate of mortalite wis 2) per 1000 persons living, being 22 per 1000 in is in Burmingham, 31 in Liverponl, 33 in Man Leeds, 21 in ${ }^{11}$ Salford, 22 in Sheflield, 21 in and 29 in Glasgow. The rate in Tenma was 35 per London the brths of 1233 boys and 1111 pirls, in all $235^{2} 2$ children, were registered in the week. In average number, corrected for increase of population, was 2236. The deaths registered in London during the week were 1307. It was the seventh week of the year, and the average number of deaths for that week, corrected or increase of population whas 1510. The present return is, therefore, 212 below the estimated number.

## Probincial.

Barnsley.-On Monday the fourth man charged with being concerned in the murder of Georke Thirkill, head gamekeeper to Lord Wharnclifie, on the 11 th December ast, was brought beore the borough magis-
trates for final examination. The evdence was simply a renetition of what was produced when the simply a repecition of whit
 prisoser whs ommaithod to take his trial a
Mrantree.-Dr. Thome has supplemented his Terlang with some additional particulars relative to the more recent progres of the disease. It appears tha ap to the 31st of danuary upwards on cases and 28 deaths had occurred, and that the disease has now attacked the able-bodied men and boys, who have comparatively escaped hitherto. Dr. Therne stlate is honeycombed with cessools, the content the village is honeycombed with cesspools, the content of which must in due course fond their way into the peculiar flatness of the district makes difficult, except at great cost, to carry out an effectual Fstem of drainage so as to remove the sepage out of the way of the streamlets. It has been suggested that cosins earth-claset system, which would allow introduced and the plan is at present under the consideration of the Home Secretary.
CAMBrimar. -The untimely death of the Hon nostponement of the second division boat races to the 2ith, 27 th, 28th, and 29th inst , but has led to a discus sion as to the propriety of Cambridgo sending a boat at all this year against Oxford. it is no eecret hat Mir Gordon was the rreat hope of the lis sent the day after the accident by which he lost hislife. There was mue difference of opinion as to whether the races should be owed a number of old uncrersity nars advisure the president to withdraw from the contest, while others ing of the captains mas held on Monday at athel was resolved that no race should be roned atam-1 Oxford thas zeur in consequence of the death of the proposed stroke oar, and this deciston was at the Oxford Club. Mr. Willan forthwith called a amptains' meating, the result of which was an answer from the Oxford committee, expressing the severe drsappointment folt by the withdrawal of the challenge the matter This they havedone, and an overwhelniny majority of the Canabrdge captans liave denided to definitely fixed, but it is considered probable that the race will take place on Saturday, April thi.
Carlisle-Dean Close made a lonz speech at the anti-ritual meeting in this city on Friday, wheh ho delivered sitting, in consequeuce of an attack of the
zout. He vehemently denounced the Eaglish Church nout. He vehemently denounced and the attempt of the bishopa, with the primate at "thelr head, to fraternise with the Greek Church "Mr. Graham has told you," said the desn
"of an Arohbishop of Canterbury who of an Arohbisiop of Canternury men of diferent denominations. Thather good archbishop prayed witk them in his palaoo
of Lambeth, and held out his Christian hands to an
faithful Protestant believers, What a when the present amiable prelate has presumed, writing in the name of the Archbishop of Canterbury to address an letter to the false had corrupt Greek to address a letter to the false and corrupt Greek
Chureh, which is unsound in lier doctrine of the Trinity, and whose worship is delased and degrading and superstitious in the extreme. Sooner be my hand or Western Churches. I expect next to see a letter or Western Churches. I expect aext to see a letter
from the archbishop to the lone, asking for reconciliation, and I hope that the Pope will deal with Dr Pusey's 'Eirenicon,' and nail it on his church door as Marmers nail weasels, rats, and other vermin.
Manchestrr. - The Secretary of State for the Home Department has kranted a free pardon to James Minastor, who was convicted at the last Manchester
Assizes, along with two others, of an all spiracy
OXpord. - In a Convooation held on the 18 th inst it was agreed, after a protest from Mr. (roldwin Smith, who held that the vote Fould be a legal nullity, that a grant of books from the University Press, amounting In value to 150l, should be made to the University of the Southern States of America. A decree was then brounht forward to grant from the University chest the Udiversity, which were destroyed during the late war Proprop Conineton Mr. Kitchen of Christ Church Professor Rawlinson, Professor Rolleston, and Mr Veate, of Oriel. It was supported by Mr. Liddon, of Purist Chureh: Mr. Burgon, of Oriel; Professor Pusey, and Professor Burrow. Dr. Achand expressed the vote. $O_{0}$ a division tho decree was rejected by a majority of 3 , the numbers being 63 to bill. The oppocrounds paed to rest partly on pencral hamela taken in America as an expression of 43 tupathy with the South. The Heads of Houres at their meetinz on Tues day resolved not to allow the Oxford and Cambridge Allesto Sports to be held at Oxford this spring.
Pembroke,-A sergeant in the ! th Regiment, named George Kenting, has been dismissed her Majesty's Brracks on charges of being absent without leave and of insubordination, of having struck his supenor oflicer in the face, and of making use of the following language - "I am an Irshman and a Feuian, and to and will not be ruled by the Britsh Coverument. He sas found, gulity on ail the charke, and sentencod to five years penal seruitude, to be branded Mitio the Rimarity - (on Sunduy night a collsion occurred from Odessa to London, and the ship Superior, from down to the watars edge, and the latter immedintaly bank, with two of the crew. The captain and the other aned tlemselves by getting on board the stenmer.
Pontesbing on the body of a child three monthe a Pontesbury on the body of a child three months old. had been farmed out to a woinan by the mother, at the rate of $2_{s}$. per week, and it was proved that it had been fery much neglected, and that death had been partly caused by the want of proper ood and nourisament. ture tho was committed for trial
Tesiry.-The Bishon of St. lowid's has addressed a long letter to some of the inhabitants of this town Who have protested against the ritualistic practices of the Rev. George Huntington, recently presented by the Earl of Derby, on the part of the Crown, to the vicarage of the parish. In reference to his procoedings the use of the surplice in the pulput; 2, against his not reading the exhortatiou to Holy Communion there lenag a weckly celebration: 3, against his omatting the long exhortation at tho celebration 4, against introducing in hymn after the third collect against his using Hymns, Aneient and Modern , against his bringing in the elements after service has begun, and standing during parts of the service with his back to the people 7 , against his not usine a collect after the sermon, but leaving the puipit after there is a neamet has introthenn chraser, public or private, a protession round a chales of ease, on a harvest ing to introluee the oftert 13 , 10, azinst his introducine a lecteru: 11, agaust hin mang out the psalms essons improperly, e $g$, day one, and the Acts of the Ifoly Apostles. The following is the substance of the Bishop's reply

| harmenea, and some poitively commendable. In cunnot cor demn the practice of prenching in the surplice in the morming service. It is the practice of my own parish church, and I beltere it to tre the Mglit one, and that the black gown wax nescr antende ! to in umed at that service. I cannot consist ently remure Mr. Huntal atom to reil the whole exhortation to civese I nerer hearil it 1 no by uthers With regard to the wher exhurtati, $n$, which I do nut remember ever to havo kn wn omitted, I am khad to find that Mr. Huntington invariably rearls it at the montlily late sacrament, and ntill euly omat ho estimates ita thieological value most highly, aud swe time and habour. I should, fadeed, be very loth $t_{2}$ inere tsi the burden of a labour of love freely undertaken; but, on the other hand, the thealogical value of the exhortations seame to me so great at a tizuo when somuch paing is taken to migrepresent the clatacter: four Communion office, as woll as actually to assimilate it to the Romioh Mase, that I should mysel certainly feol a consolentious scruple which would |
| :---: |



## Freland

Earl Rugbill's Lbtreb on Irbiand. The following is an abtract of a lettor from Earl Buseel to Mr. Chichestor Fortescue on the state of Ireland, which was published on Monday




















 Hion, and drrcent the ITr xrees of soctety in the rural parts given to ed leatu, , it weuld deprive Ireland of Inrye s m












 vecur indmone an never bearil berore buch a ahout in the the rterifg hem uith the briliant oratore of Canning and

##  if try, inisht in lued reject sitch im ma, hut If ei persitiale

 in. Ind the comithy st large cease to celebrate hig pure andThe Dublin Commission. - The trial of Mr Sullivan, proprietor of the Freety Vews, terminated jury, said that the proserution was one of a vers pech liar charactpr, such as had not occurred for the last 20 gears. The lats constituted the jury judges of the whele quastion whether the publication was a scaitious libel. That power was giren for the purpose of propendent Press. There was in this country perfect freorom of the Press, and to many passakes in the publications about the down trodden condition of the and where that exists that there exints a free fres it This country, in point of national liberty, chalThent comparison with any country in the world. Which prevented the people knowing the truth, and told the jury they were to consider the publications in broad, liberal, and generous spirit, but if they believed they had the intent laid they should find for the Crown. After deliberating an hour and a hall the of the indita clamation headed "Liberty! God save Ireland!" which was copied as news. Mr. Sullivan was let out Thursis own reognisances to appear for sentence on Thursday, on whioh day the chirge against him for menced. The trial of Mr. Pigott commenced nn Tuesday. The indirtment rontained $1 \%$ colunts The Athorueg-General onened the rase for the rown, and Corydon. In cross-examination by Mr. Heron, this nformer said he was ont yet paid by the Government: they were only giring him a weekly allowance, and he Mr. Meron addressed the jury for the defence, and complained that his client had been prejudiced in the first instance by haying the case tried in that atmosphere of treason-felony-the Commission Courtrather than in the Court of Queen's Bench.
before the Lord Chief Justice of the realm and a special jury of either the city or county On Ternesday the Solicitor-General replied for the Crown and Barnn Deasy charged the jury, who 'Tter nearly three hours' deliberation, returned the figres Guilty on all the counts but one relating to own recognisance of 500l. to apnear on Friday to receive sentonce. On Thursday Mr. Sullivan, prowo nthers, wero ntraigned Mr. Jona Martin, and
 tlresed the jure and aid that the pronewinni-t made a spered in his ound afeace in which be went orer the history of Ircland for ceveral humdred sears to hat their fault was were a aw-respecting yeope, and kings, particularly of the Stuart line. He denounced the calculated to excite more lorror and hatred tore one he English Government than any of the writia which had beon recently oharged as seditious. Mr ullivan was cheered by a nortino of the crowd, and Ire gallery Was cleared by direction of ti.e Court. Ir. Martin was afterwards to address the jury.
More feniay 1 Rriests.-On Wednesday night a publican, named John Curtin, residing at North Main the Habeas Corpus Suspension Act; and David Iorply, writing clerk, just returned from America was arrested in Limerick on the Lord Lieutenant's Farrant.
Prorosed Institutite of Sctiver and Art.-A arge and infuential deputation waited on the Lord stablishment of an Institute of Sciane and Art in deputation was introduced by Lord Mayo Sir B. The Guinness. High Sberiff, Mr. Kor, and Sir Thomas Deane, who addressed the Lord Lieutenant in support conourred in the memorisl, except in the third was st present under the consideration of The mostter群 OMi develon the capabilition of Treland.
and hazgarl of Mr. Jobn Hannon Rathoo out oflices malicious $y$ buruer on sunday night. This is the third incendiary fire on his premines since he gave ebidence of a Fenian head centre.

## Stotland.

Greit Gales in Oreser.-On Wednesdny week When the mainland was swept by a sery heary gale Breat damage was done to the ruins of the Palace of 30 feet of the western facade of the palace, with two sbont 50 feet accoss the cuadranole and fell inwards abont 50 feet across the quadrangle. Only 1 feet in
height of the wrall was left standing above ground the effect of the ruins on that side has thus been ry impaired.

## failways.

Accident on time Wrat Iospon
day morning an arril font hanpmel mis level line of the Brighton Company
Clapham Junction. A Crystal Pa Clapham Junction. A Crystal Pal Fivide side, when the comine left th
bumping over the sleeners for a bumping over the sefners for a
down the embankment-a danent over on its side. Fortunately the $p$
-nine in number-were not draw
although the driver, the firem although the driver, the firemanamy done was inconsiderable.

## 37 $\mathfrak{z w}$.





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## nep as mis and

## all ap cb rive <br> nived frem the A thiming

in y should be raised as portions o



## Guituary．


 Mady Henay Spyncer Chorognal hampatead． her house in Parle Street，Grosvenor Square she was the
oldest daughter of the Rev，Dr．Nares and Lady Charlotte eldest daughter of the Rev．Dr．Nares and Lady Cbarlotte
Spencer，and after the death of her First husband，the Rev．
Iord Henry Spencer Churchill，in 1828，Bhe nalifed Mr． Whateley，Q．C．
Mr．JUsTice SHEE，one of the judgea of the Court of Queen＇s
Benoly，died on Wedmesday morning in Sußsex Place，Hyde Bemoh，died on Wednesday morning in Sussex Place，Hyde attack of spoplexy．He whs the eldeat son of Joseph Shee． Lodge，Bouth Lambeth，煦d became a London merchant of
repute and opulence，br the daughter of John Darell，Esa．， repute and opulenoe，by the daughter of John Darell，Esq－
of Scotney Castie，one of the old Rotnan Catholic families of of Scotney Castie，one of the old Rotnan Catholic families of
Kent．He was born at Finchley，in 1804，and was therefore
in his 63d year．Ho was aducated at the Roman Catholic in hie 63d year．Ho was aducated at tue Roman Catuon hember of that communcion．H：was enlled to the has in
mond
 which he lecame tho len ler．It Is to he wis create iserfeatht－ ment be contesting Miarylebone：bit was tooru fortulate in
 thas itme be hal recelvel the mank of Qtteon＇s Serfennt，which Was conferired upon him in 1858．His lat atteropt to enter
Parliament woas at Btokoupon－Trent，fo 1862，but he was Parliament was at 8 tokoupon－Trent，in 1862，but ho was
As in defeated．In 1884 bo was appointed one of the judges of who in modern times has boen raised to the Euglish bench married，in 1857，the dateghter of Slr James Gordon，o Gral astown
 hie 80th year．He ontered the mavy in 1799，and sarved In he co－operated with the army in Aboukir Bay，and on Lake Meriotis，and in 1805 was present in action with a large
 mowth of the Bidassoa，and during the naval demonatration at frigates Sultane and Btolle，which were afterwards taken by oxpeditiou agriust the piratesat Ras al $\times \mathrm{hyms}$ ，in the Persian Gulf，in 181920.
Mi．EIERAFATH，the well－known toxicologist of Bristol，died last week in that city from dinbeter，in his 72 d yoar．He wast
 mencatine pursults，and ulsted himbolf to the study of
clanistry．Nearly 40 years ago he gained a reputation by bit tily is in a ease in which a woman named Burdock was con－ In the more calebrated case of Palmer，of Rugely p he was a witmess，and he was concerned in many othar inpprtant
rimutil and cevil trinly．He was also adecided politiciut． In then ．Reform A Antation of 1831 he wis the leresident of the

 alriocing ye，ors he cevec 1 to lo ．detuocrat，and wis at inst expelled from the lazdical warid he l．dd long represented．He nas int the e mmini
trite Ir Dristol．
 to the London and North．Weatern Railway Company for nearly ${ }^{20}$ years，anai who lis heen chairman of the Anglo－ jeara since，died stiddenty in the br ard－room of that company in Wednesiny orcnitys．He stffered from a dangerous ilineas last smmmer，amd，thangl，his he：ulth bud been apparently
reatored，it is feare l that the close attention with which he deroteri himacif to the rinties of his office necelerated his

 SaIusbury，Bart．，bas been sworn under 4000 ，personalty Clart Kennedy，C．B．，6000l．；Colonel Home Purves， 20001. Lieut－Colonel J．Hyde，10，300h ；Dr．Dathbeny，of Oxfurd
25，000．；Dr．Sutherland，M，D．，F．R．Br，4J，0u0t．Dr Liuyd

 F ．Why tht，of Uxtord Termee，Fyde Park， 25
Liplatu，of 1 ？दney Homse，Clifton， 30,0001 ，

## flarfets．

COVENT GARDEN－FER，22．
prriving in considerable quantities from the Oranges aro nriva Patermo；they are alishtly improving
Azores，Falenclio，
end in price，and very mach in qualty，8ovines orangea for linitil if in tucy werre last week，and hoshouse Grapes con－
tinue good；they consist of Lady Downes＇，Darbarossa，and tinue good；they consigh of Say Downes harbaroass，and Foster＇s Seeding．
appearance this week，but not in sufficient quantity to emable
us to quote a price for thene．Spanish Chestnuts for planting
 peat puldhel．Potafos have not altered in price ofince our Chinese Primala，Pelarxontums，Migoonetto，Early Tulfpe EyMcithe FREIT，and Roaen

 vEGETABLES．
Artichoked，per doz， 28 to $3 s$ Mint，per bunch， 18 Asparagne，per bundle， 89 to $20 \mathrm{~s} /$ Mushroomas，p．pott． 18 Bd to 2 s Beans，Kidney，p． $100,2 s$ to 3 s
Beet，per doz， 1 s to 2 s Cabbstger，per doz．， 15 oni to ${ }^{3}$ ．s Onions，per bushel，3s to 4 s
Parsatjas，per dos．， 9 d to 18 Parsutps，per doz， 9 d to 18
Parkloy，por bunch， 2 d to kd Parsloy，per bunch， $2 d$ to 4 d
Potatos，York Regents，
p．ton， －Rock win，lung tr 12i）s Ceiery，per bundlo， $1 s$ to $1 s$ Endive，per score， 1 s 6d to 2 s
Garlic and Shallots， $1 \mathrm{~b}, 8 \mathrm{~d}$ Garlic and Sailots， P lo， 8 d Horse Radish，p．bund， 39 to 58
I．eeks，per bunch， $2 d$ to $4 d$
Latturces，per dow，2s －Otharer rts，Ís to Bing Spinack，per bushei， 2 ss to 4 s Turnips，per bunch，4d to 6d
 Tylam，168．8d，Eden Matn，15s．Gd．；Walls Ead Bral Iyilo


 EMClo4 w wU1
The riphl rise in otton，the more peacaful aspect of polltion， and a sjuw th rugh steady improvement in general buainose are now，geaerally ud．to l，d．per Mo．dearer，the better gradea atill taking the lead．Shons gpoculation stop in，as appears not unlikely，we may go up abothor 2 d ，to 3d．per 1 lb ．
Corrent Prices of Evolish Woot．per 1 b ．
FLecors－Southdown hogrets ．．．．．． 1 21 to $i^{8} \frac{d}{3}$
Kant Fleeces
Southdown ewes and wotherra
Insicegter：dito
Sonts－（lothing
POTATOS．－SOUTHWARK，Monday，Feb
During the past weak the arrivale coastwise and by rail Yorishlre moderate，and tralo bteady at the following ratas ：－ to 160s．；Ao．Rocke，120s．to 1308；Kentand Essex Regonts，140s．
 Fite Regents 120 s，to 140 s ．ditto Rocke 110 s ，to 120 e ． French and Belgian Whites，100s to llus．

# Best Fresh Butter <br> Best Fresh Butter ，．．．＊189．per doten lb ． <br> Small Pork，4s，0d，to＂4s．4d．\％Carge Pork，＂ $3 \mathrm{~d}, \mathrm{Bd}$ ．to <br>  

HAY．－Pot Load of 35 Trussecs．

nferior do．．．．． 55 70，Prime ncw Cloper ．．．－ Sew do
Straい

3）$\overline{36}$ Imfrior Cio，


## METRUPOLITAN CATHLE MARKET

MosDay，Feb．IT．
The supply of［ecasts is asinith short，and enosequentls priens gralities are net very readily risposed of．Tho supply of There is a far dernand，ami the quatations are well main upply consifts of izo lleaste， 1200 Sheep， 61 forelgh supply consipts of $i=0$ henste， 1260 Sheep， 61 Calves， 150 from Norfolk and Buffolk， 1200 ；and 730 from the Northerni end Mdiland Connties．

Best Scots，Herc
Best Bhurthoms
－．む．B．む。
410 to 5
$46-41$
$8-8$
d paility llensts
ltaff mods．
 Wi．nve alyge mumber of Berasts on offer，and a dull trado， inficult to cffeot a clearaper．The supply of Shcep is also Inticult to che the demand very limited they cannot ald be digposed of at our quotatous Good Galvos are still ncareo sheep，and 80 Piga
Best Scote，Hors－
furla，te．


6 to 410
 HARK LANE－MOMDAT，Feb， 17 ．
of Whast rom Ensox and Kent to this norning＇ The sipply of wh，the choice samplad brought an advatice of

 baing la．par gr，dearer．Burlay was a vary glow salo．Beans

TIIE GARDENERS' CIRONICLE ANT) AGRICULTURAL GAZETVE

Yor Oata there was modernte demund, and needy par fair inquiry at lust woak's rated.

W ANTED, a GAMBKEEPER, who in a good Trapper,

 W ANTED, $\Omega$ Ansist in the Honnot, perserering YOUNG MAN, to
 ApFly, whth references, \&c, to Mosers. Rooers \& Co., Claphato Rita
 WANTED, in a Country Seed Shop, a YOUTH to Wh ASSIST at the COUNTER, Who has bad some protiou WANTED, a middle-agn MAN, to take charge of
 D ANTED, a thoroughly reapectable good PLAIN


WANT PLACES.-Letters to be Rost Paid
H XPERIENCED GARDENER8 (or as GardENER

M R. WM. PAL'L berg to announce that he has



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G ${ }^{\text {ARDDENER (HEAD) - Seven years Head Foreman in }}$

GARDENER (HEAD), to any Lady or Gentleman
 to ablity, solyioty, and integrity, -C. E.,Gordon Honso, Futioney.S. W:

( $\rightarrow$ HraENER (HEAD) Age 33, Marrifl, no meum-

(YARDENER (RRAD)-Married; no incumbrance Cranchas a thorough practical knomledge or bla proferaton thinll it

CARDENER (HRAD), to any Lady, Nobleman, profeasion In Aill At branchee. Four yoars in present situatlon Miph Straet, st. Johans Wood, London, N.W. W.
GARDENBR (HEAD), to any Lady or Gentieman


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U underatands has profession in all tes brarrieh ; thoroughly

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 G W, The Nilireriee, Pine-npple Place, Eagwara Road, London, w


CARDENER (HEAD), to any Gentleman requiring a




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 ARDENER (HPAD), Afre 28 ; thrrover
CARDENEK THPADen and Centlemer
CT brace-Apply to Mr. Mrabitra, The 1 ,

( 7 ARDENEIR (HEAD) - Marrind, $\mathrm{n}_{3}$ is
 CARDENER (HRAD), - Age 3f, marneid



CARDENER (HEAD), where one or nore in


G ondenerld understands Forctigivg) - Age nam

G ARDENER (Hfat or Sivelle-handpd -
 GARDENER (HpAD or SIYGLR-HANDER -

GARDENER (Hfad or Sivale-handro-
 Ofrdener, and understands the Management of Max
Ond
(IARDENER, or to Manage a small Eetate -
 Wife could undertake Poultry or small Diry
J., 55 , Denmary Koad, Kilburn, London, I
CARDENER (SINGLE-HANDED or OTYRIN
(TARDENER (SNEOIE-HANDFD or Secovd - 1
(I R1H. NER, or GARDENEK and IT

 hativation of his employer
his been pery mucceasiul jn


HOME STE Noblemen and Gentlemen

BAILIFE (immedtately, or at Ladi-

HARM BAILITHe Fobllity and Gentry


HABM SERYANTS. -Mr.

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TT＇RDAY，FEBRT＇ARY 29， 1868




 aution to Gardenors．－When you akk for

to cantuon Gardosentrand athera but aro

 ir ANTICORROSION PAINT，






 2．AROHER＇S＂FRIGI DOMO．＂ H．Hem by hor Mxyerty tho Ouean，tho Duks or North－


Hon the COLD WINDS and MORNING FROSTS，





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 Lisisuratal Paving TIL．ES for Conservatories， Conthoral Ealconles，to．，as ceneap and durable as as TEKELATED PAVEMENTS of more enflchod deoigat


t quality），at the above
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THE GABDEN ORACLIE for 1868 ，by Sirini，




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 to qualifoghions，wro to be trantzitited to the Pricipal Libraisian of


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The Corbt．－The Qneen has deferred her depar－ ure for Windsor from tae 28 th inst．to the 3 ra of March，in consequence of the medical attendants on Prince Leopold having reported that his Royal High ness is deriving much benefit from the sea air．On Friday the Queen went out with Princess Louisa．On Saturday morning the Queen drove out with Princest Louisa．The Prince of Wales arrived from London The Queen went out with lit Royal Highness and Princess Louisa．The Prince of Wales afterwards lef Otbornc．The Queen drovo out with Princess Beatrice．Dr．Jenner kissel bands on being created a baronet．On sunkar（tueen and Princess Whip pinghe Divine service G．Prothero officiated．On Mondsy morning the Queen went out with Princest Beatrice．Sir Tilliam Jenner left Osborne．In the aiternoon the Queen drove out with Princes ont with Prince Leopold．In the afternoon the Queen drove Prince the Queen went out with Princess Louisa In the aftemon the Queen drove out in a landau and four． Sir Willian Jenner arnved on a visit．On Thursday morning the Queen went ont with Princess Louisa Sir Williant Jenner left for London．
Tife Prisics and princess of Wales－On Saturday morning the Prince went to Marlborough House in the afternoon．The Princess drove out． Divine service at the Chapel Royal，St．James＇s．The Rev．Dr．Vaughan preached the sermon，On Monday the Prince rour oual Bighnesses went to the It Theatre．On Tuesday uorniug the Prince left Marl barongh House for Badminton on ar vist to the Duke and Duchess of Begufort．The Princess drove out．On

Wednestay the P＇rince hunted with the Beuufort fox－ huunds Thice Proncen lewe oul Saturdns at the．williml refildence of the Firet Lord of the Treasury，m（）ishine Strat． Rerby on Tuesday，List the lethre－The Earl of his medical





 the othre of（ limnecthe of ite Exichequer，and will be
 Charce，orllip，and will be succeeded by Lord


 therelore refinn their present oflices ，Mr．Walpole retires from hls position as a Cabinet．Minister without tince．The Lord Juticestinp，vacated by the eleva－ tion of Lord Cairls to the Chancellorship，has veen It is undertond that Mre．Ward－H110t：succe．sor at the Treasury w．1 be 11 Sr Stater－Booth．A meeting of






 issuet a nuthiration that the contest would not be contuned Mr．Bereford Hope，therefore，was for－
maily declared on Monlay to lute been duity clected as member fur the ruiveruty．In consee duentee of tho
 become n and didte for North Lancaslire at the next sencral elctrom the Coneervativen liave got ulp a requ offr himedi tor tho samo divimon Mr．Laurencer Olphiunt lis amnnousced his mitention not to offer hiinself vazan lor the iturlug 13urthis，on account of 1ll－health．
Mileting or Liberat．Stitfasien．－A meeting of the lead．ug statesten of the Liberal party was held on House Terrace．There were present Earl Rusell，Mr C．P．Villiers，the Earl of Kımbrrley，Mr．Milner


 definite line of poliey was decided appn．
THE Ba Bonercry－The Gazette of Tuesday an－ be passed under the Great Seal grantiottrers patent to a Baronet of the United Kinglom to $W$ flle dignity of Ean，of Harlcs Street，Cive cullh Square，Denuer Medicine，one of her Majesty＇s Physicians in Ordinary， and the heirs male of his body lawfully begotten．

## the Vacant Judgeship．－Mr．James Hanno

 the Horme Circnit，has been appointed one of the Judges of the Court of Queen appointed one of the of the late Mr．Justice Slice．Comun ․an in tas heon aphts－Martial．－A Rogal
 rally．The Chaturo of wulitary puntiments pene－




 nacly threo hours，during which time the matter was
fully conidered．On the readmission of the reporters，
the Biwhpof Cepotown was admitted at the sime time
sa a stranger．The Biahop of Orfor


 －




[^44] particulars of which are in tave＂upreme Court at Natal，the The Bishop of London seconded the bef re ut
some remarks by the Bishop of St．Davidiou．After
bishop，and the Bishop of Salisbury，the resolution
was unanimously adopted． 1 By drection of his Grace， was unanimously adopted．By urection $28 t h$ of A prrl． Convontion was then prorourddy Arehdeacon Hale prevented a yravaueu azainat so nuch or the decision of the 110 ous on the precedug ovening as related to
thit all， the listhon of capetown in has metromplitan court and



## a－finlluw－The limilts of riturl ohecreance cannot be left to the




 10 excees．
Arduleam Merkenzio seondel the res slution．Arch－ tea m Henluth moved the followitw amendment

 that two formal inquiries by authority aro now pending，one bef roo n Roynl Commission，the other bofore the hirgheect
ceclesiasticat court，the
隹


The aucendment was seconded hy Arohdeacon Allen， Massingberu，tho Rev．J．II Woodgate，Chancello oriminal mution was supported by the Rev．Messrs Sumner，Oxenden，se．，and after an animated debate it was found necessary to adjourn their further con－ sideration，The House was then prorogued to the
$28 t \mathrm{l}$ of April

## fowcigu

France－－In the sitting of the Corps Législatif on Saturday the discussion of the Bill on the Press was
continucd．M．Roother said that the prohbition arainst publishing nny other but offietal reports of the debares in the Chambers did not imply the prohibition
of the right of discu wsing the debntes left it to the uscuasing tie de nes． right．The Iecinglotive Body could not fix how far that limit extended．It would be assuming to itvelf unconstitutional powers，which would give rise to a it advisable to introduce a constitutional modification t would subunit the question to the consideration of the Senate．M．Gueroult replied that the proposers of wound 1 romime to lithes the quth－tuon infori th Leanintive Braly itheif ，o that und oubt hould rent an the subject MM There and Roulher respectisely mint to the rote and roceted amendment whis the M．Darimon＇s a mendment，to the effect that a dis ths sion by the papers of the debates in the Lergisiative
locily should be allowel an couditing of il ber accompanied by the oficial report，wats rejected by a

 livhed by two senatus Cutuoulta aymanst offuces of the Press，were brought forward．Mi．Nogent moved the previous question，on the ground of the macourpetency of the Legislative Body to amend a Sonalus Consultum MM Janze and Lanjuinats replied that
tho Senate that had overstepped tho limits of its for the jiresions queerion．IL．Janze s anuen
ment was then rejected．through the adoution of the

 Chamber theu d．ccusse ithe interpellation of 31 Jnnze the charyes of lualversation auld lumorality mate nrainst a Judee of Londeac．After some observatoris Chanber passed to the oriler of the day over the inter－ pellation．M．Havin subsoquently ascended the tribune， and attempted to read the sentense of the jury of honour sppointed to decide upon the charges of corruption
made by M．Kerveguen against certain Paris news ceeding，and the President declared the sitting pro－



 had received money from the Itahan or Prusian or haviny lyrun tue jtty also fensure I M．Kervetuen romh be ad lucedi agan necusation of blich no 1 roo
 exumeration from military service．Jat to obtam Tubrudas evemng zatwary service．Thal to certain disqueting the relations betwect Bourne durina the day respertin flo mnt inent of the Boume ourht to mald that rathertucrminercial than one ought to be attributed article on the causes whioh led to the in mportant Trusjia over Austrin，and contaning some reflections
on the nery on the newf French Aryy Bull from the ren of the
Prince de Joinville，appearis in the present number of
the Revue des Dewn

SpiIN．－The dobate on th Span
begiu in the Congress in 3larch T
int railway connanues will shomis






 and woundedt．The restration
the returin of the Duke of Luvie to $H_{1}$

## expecter．

openerd oun Tho Session of the Statosherene
of the IImsters of the Interiur an 1 F 古 conduct of foreinn policy to Grvernuent mise the country．It was with regreen adram reflection，that it decided on diss bitity Chamber．Th，ore was at prosent a ners Chater Government and consisted of ness meraz rantee that and the represent betwatas lade Legislative powers whioh was nencexar confidence in thoir publie inslitutions If th ment rereive tho sapprite of the hathen
Sersion would be fruteful Let them ail peon towarels tho worerelon an lin rare for people，and the country would profit by that sentatives on Saturday，the peneral cono Army Reorganisation Bill was concluded．His amendment，proposing that the arus shou！ majority of 71 to 18 ．31．Couvreur did in the division．Another amendment，f
 Chamber then adjourned till the $3 d$ of Vam Denmark．－Phe Crowa Prace of beram aaye on Thurglay for Londun，on 7 risit tote has revived rumours of his marringe THE DUCHIEs－It is rumoured then demamded of Dennark the cession of ni Dauish portion of Jorth shl ers a to also said that Prussia is creation of straterical lincs opposite to nortilern sile，or to prerent a landing

 defouce by the Danes in the selslesmig mand araluted by the l＇russtans on the s．de o＇${ }^{2}$
 Stetton，Neisic，and Wome S halowin 23 re lipuceforth to lave but une firwanatite of Schlenwhr benty chosen is
IIfNus
Fednesday－Tho semb－odicial I＇runding ax ceediagay of Kulninged ath artiche heald nrevent meana beins supplied luni from Pri an enterprine⿻ asiainst the Pruman Minan a courme of action whis le woall bo the


 by the Goternmment．derordnog to the ber of interest mas be made to thowe datpm and in cases of urgent neremits，ther arac． made by the＇I＇reusury the Jinister 0 F $3,000,000$ thalers，bearing interest and mat further jssue of bond be：thor lont buas i


 debate tho Momster of Finance stated hand．In the sitting of Wednewdas If all parties，to ask cuvernment，sumed
at Hietzing，and in view of tho formatur rersan Legion，the Prussan foremmen aceorded to King out the ghe Jimster ratived that the fovermment
the pirt of King（enerme，and that alachapsou on a spectal Bill．Should the be previously concluded the Cruv


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rm for closiug the gembling saloons ad Iumburg having been fixed by the anmint, the proprietors of those estabrillant offer to the municipality of Thas propese, in return for the privilege of that pal debt, complete the construction of sy itce like, ath $t$ mane a larye street in the erfis. ithe town The idmmestrative Coumed oo a yet wistll a rephy to the
Arstat In the sithing of the L yper House fomthe Relehsrath on erclestastical affars on
the draght of the Darriage Laws Amend whaght of hited. The Bill mroneses a restoration of the cisic code in existence before of the concordat, and renders the celeof thus with the vete of the The minorits of the Committee Hothit.on of stabmoting separate proHerns. In the sitting of the lower n intro luce. I a B. ll relative to the aboliB. if कtate. The In on the dister of Justive 13.ll on the dicitilinary treatment of thent obl
Eunire.

## The titior and publisher of the Izadial

 jave been rondenaned by the jury to one I. consequence of representations made it ofe of the Minnstors, an Imperial decree onn ane i, fridering the immediate entablashment ara-yarer, which is to be the or zan of the ultrarof the Empire las presented to the Council of Empro the Bu lget for Isting The extraordinary noms rabues, for the Ministry of Public Works un and it the Mimstry of Jiarine $1,01 \mathrm{~N}), 000$.Whe Antirn Carrarut has left Milan for Genoa. - ritaw a =pecta. triendly demonstration un as Minter at II Inveh, Mas buis Oldrine, then apointed lan Yin ster at Lisbon, and has been for foponted Treat to the King his letters of recall from the Jaran (onirt licewill be succeeded at Muntels by

LTATEA- It the reception of the preachers +iprofet the trinh tinat an allocution 10 tha 1 in, more The Frencll Ambassador delisered Fsanh it antograph letter from the Emperor of $\pi$; tapute Prince Bonaparte to the cardinalate. atha Nalceremonses in the Sistine Chapel. His esen of the saced Cullege and Diplomatie Body
mere prepent Melit - It is sald that there is great maitation in st immoneat Shery, and that an outbreas is conNormanent Thirty-eight bags, contanung Wo bosrat ine steamer Electrico

## is on $t)_{2}^{2}+2$ sht shom of eartliquake was felt at

IPalluries - The French papersstate that
i. lerlarations il the Roumein Govern erlarations of the Roumain Govern(ory of the Primeipalities, and that
 It the Roumain Government is reported
tatsin of liussti to in letersburgis, to
amquite independence of Rutamana an and expresses a hope that the Howrout frundsation.
Taphe, dated Lith inst, a telegram from ConWray to take the supreme command of the army Lapab, has left Constantinople for Rustchuk.






 oul of the reports publshed by the abose-neen
ournals. Mr. Calvert, late Enslinh consul at the Dardanelles, has been conncted by the Supreme
Court of Coustantmople of an uttempt to defrad the

 destrobed by fire 10 Turhish water The claim was backed by oflicial doctments, signed by hum as consul,
and sealed with the consulate seal, snil and sealed with the consulate seal, and included bills
of lading, certificates of the departure of the vessel, and of lading, certificates of the departure of the vessel, and
of the fire. Suspicion being aroused inquiry was made, of the fire. Suspicion being aroused inquiry was made,
 was mentemed to two years wnol sernitude.
Egap'The Duril Bonds, whoh had beuil
ave been patd, and the Dair. the bonds fatliug due on the Sth of Narmhat a diseount of ly per cent. The coast of Firy pt has been wited by furious gale. The Pennsular' and Oriental Company' steamer Kipon, from Marselles, wanhept twodays out
ide the harbour of Alexaturia, arml was finall side the harbour of Nlexatudra, athe was finally
piloted in by ('rptain Noberts, the oombany' agent A shock ol earthouake wa- folt on the might of Lderman Sir Sidney Waterlow Mr. Deputy Forlue and somo other enfizens of London, are now in Eigyt as ruents of the fecroy, They tirst inded Pompeys sigldti of Alexandria, an 1 were atdended by the vice regal interpreter. Fhey then visited the Puctaa at his Palace of Grzeh, after which has highness placed stemmer at therr dispoial to convey them un the File to Thebes, Luxor, and tho first Cataract.
Abyssinia. - Sir Staford Northcoto has recelved he following telerram from Sir Robert Napier, dated the Gth unst -
" Major Gizant, Whom I had deputed t) Prince Kinsai, has been well recsived by the Prince, My letter and prew its, chief and peotle. Ownus to the I'ritues heink eng the in


 Parlisment was expected to meet on the sd of Marah Parlisment was expected to meet on toe ad of Marali ptorms had prevaided alo.
Curna.-Much adverso discussion continues in Chum regarding Mr. Burlinghamers appontment a ensoy from the Clinese (rosermment to the varisu Wuropean Courts and the Custed States. An earth quake had ocrurred in Formosa, whech lasted 3 minutes. Much danarge was done.
Japan - A Janancset vessel arrived here from Hiogo has reported the due opening of that mort and of (baca on the lat of Jannary, whthout any dithculty Twolve British, six American, and one French war esiel were present
Leired STates.-President Johnson has nominated General MrClellan as Minister to Great Britain President Johnson last week issued an order renoving Mr. Stanton from the nost of Secretary for Wrar Mr. Stanton, however, declined to vacate the oflive, and, havin, ${ }_{5}$ refirred the Premdent's order to the Senate that bouly pasmed a resolution declarine that his removal struction Committers. A resolition for tho mpeach ment of the Prasident was introduced in the House of Representatives, and referred to the same Committee. On Tuesday, in accordance with the recommendation of the Committee, the Hou-0 of lepresentatives appointed Mr. Thaddeus Stevens and Mr. Kingham formally to mpeach President Juhimon at the bar of the senate, and a conmaittee of vesen to prepare the artites of impeachment Mr. Sichens amt formally it the lase of the sumate. The sulnte formally at the bar of the sumate. Come sellite orderma the ajponect. Premdent Johnsou has sent to the senate the nomination of Mr. Thomes Ewng as Searelary of War, with a messame maintaining that the removal of Mr. Stanton mas no violation of the Tenure of Ofice Act, and expressing the ber utionality of the Act quonld be tested before tho Soureme Court. The President has atso asked the his post. The Presulent has Eent to the llouse Representatives conples of his letter of the luth General Grant, the latter' reply, Postmaster-Gonoral Randall, eorroboratuog the l'resident's versun of cre of Mr Stanton. The l'resident's letter aceuses General Grant of insubordination, and of accepting the port folio of War in the interest of President with untent to circumvent the President. General Grant replies that the curcumstances justilied bis asking written instructions from the Pre-
sident relative to his disobeying the orders of

Mr Ntanton LIe dimelatas any intention now or







 fanjurta from the State Defartment Dr. Sumaer
 to the somate, wrasint the abolation of the preadeacy (veneral lirunt hus app, sintied Geweral sheridan to the emporary command of the department of Miveouri, the Preadent hammp proabsten the apoontwent of any Sherman has declined his mommation as treneral by brevel The Peterhoff praze rase has been finally sottled in the C'nited States' Dintrict Court, and the moncss pand over to the Engtish claimant's agent.
It is reported that Mr. Sewari has requested IIessrs, Chatles O'Connor and J. 'f llandy to go to Larmy, ith order t, defend imerian critizens prose-

 are to beat Washanzton Lientranut-\{ ancralsherman has been aswored to the command. Siturd 4 y the $2 * d$ benut Wrashinzton's b.rthrlas, who obersel wis holiday throughout the States
 army under the Mary. $1=$ de Caxias wis intetive, Sick nome provaled is the arins abd flect. Nome anxiety Was bchonmo to be felt on lio as to the result of the termination, The cholera was still very bad at Bueno Ayrou, anl had spread to all parts of La Plata. The revalution in tho protince of Santa lée was very serious.

## 䄧arlixument.

In the House of Lorts on Momlay Lord ST LrovabDs brought in shill tio rivile that the

 the hel widd



 which appeared to bo a most fair and business-like thousht that tho romed Bull intint chath with
 utionary remedien be me likely to prolite wutse evils lian now exintel. Tho Earl of Mismenblery, on of talf of the
 hould ve fully explained iti the courso of the debate in Che Sutretary for Irelind The Bial uins tien read first tume The Varl of Milamrabi Ra moved the second reading of the Habeas Corple s.l-nematon
 no light thing for the rocermect to ank eavo for the harit time to su-irnil one of hae mose importan hertas of the subjerisaud contenter that they ough not to have come unprepared with any statement as to how they meant to oonciliate the disaraction which andoubtedls evistad luraels ull Iremal Als man knew what the future miaht brins firth, or how danserous to the security of the limpare the disatfeetion of Ireland might firove of our relitions with the Enited States should bewme studdensy rompleated. Above abl, relief must he wwen wh the matter of the Curopm trie", or hateret, and pomediate lesivation was ne rewats it remmity that most Jatly rimblated The kincl of IIARDWIth! anked Earl Ramill hm, with the he coult aecount for his inaction in what he called aticli at vital matter. In his opinion there should be perfect equality between tie Protestant and Foman the Irish Cotablishment would be to rase up more enemies in Ireland than the Government had there Furnom. Farl Gres agreed with the wews of Larl (humeli, whech he leld tos be an invit and deratation to the people of Irehad. The Dtike af RtcindoND, pate tho statement to bo male on Tuesiay in lation which they propused for Irnlund. The Earl of Ellenibuicuturi agreed with Lard II irdwicke that there should bo a perfect fuality of religions in ireland, 88 s measare domen it the sume and une it must not be forpotiten that the Perrontuitu were the civil garmson of Treland, and the (is :ernment were bound to that extent to stanil by them After a fow

Words from the Marquis of Wrstmeatre and the On Tuesday the Earl of Mesmabiray repeated the formal announcement made by Lord Stanley in the Commons at an earlier hour, that the state of Lord Derby's health had necessitated his resisnation of the Premiership; that Mr. Disracli had receired the commands of the Queen to form s Mimistry; and that the the task. Hetheman was at that mored that the occupied with adjourn to Thursday for the third reading of the Suld
pension of the Habeas Corpus (Ireland) Act Conpension of the Habeas Corpus (Ireland) Act ConRoynl assent to the Bill, which must be passed before Sunday. Earl Russeli said that there could be no exprressed his sympathy with the Government at the
inss they had sustaned. Often as he had differed, and loss they had sustaned, Often as he had differed, and questions, he could newer fal always to entertain for great plratit,es were an ralculated to mapire, and he Inumo to wo their lordships and the country the through Committee. On Thurslay the House had a formal sitting, at which the Habeas Corpus Act Susday the Royal Assent was given by Conassed. Yestorday the Royal Assent was given by Commission to the
Habeas Corpus Suspension (Ireand) Act and the
East London Museum Sito Bill.
In the Commons on Friday Mr. Goscrisn, in calling attention to the continuous increase of the burdens laid for warnus parposes on the occupiers of rateable
property in L.ondon and elsewhere by the Metropolitan property in London and elsewhere by the Metropolitan 1866 it had gone on moreasing year by year, until in 1866 it had amounted to the enormours gum of
$1,970,000 l$, and a total expenditure befwecn that $1,970,000 \mathrm{l}$, and a total expenditure between that year
and 1857 of nearly $11,000,000 \mathrm{l}$. He showed that tho and 1857 of nearly $11,000,000 l$. He showed that the point, had driven away capital from the building trade, and had made it impossible to house our poor, inasmuch as it was only by overcrowding and by the negloot of sanitary regulations that cottage property
conld be made remunerative. With a view to meeting the state of circumstances, he recommended that there should be an equalisation of rates over the metropols, a rate on the owners instead of the oceu
piers of rateable property, and a mumcipal income tax of one penny, whicll the buard might hand over to the fovernment in exchanese for the housc-tax, which remarks by Colonel Hoad, Colonel SYkes, Mr. Ayr ToN, Colonel K, N. Grespille, and Mr. H. LiEwis, the House was counted out. On Monday the Poblic time and pasced; the Railways (Extension of Time) Bill was read a Becond time; and the JTords amendto, Bills were brought in, by Mr. W. BWART, to intro duce into this country the metric system of wephts Convention between ber. Majenty and tho Efuneror of the French concernine the fislocres between the French and English coasta, and to anuend eries; by Lord J. Manners, to further continuand appropriate the London Coal and Wine Duties; and by the Lord-ADVocate, to amend the procedure Justice. On the motion of Mr. AYRTON, all Wills relating to gas compamles in the metropolis were 10 members, On Tuesday the rumolrs of ministerial changes which bad been afloat all the afternnon thetracted the first large audience of the session. After Stanley rose and announced that Lord Derby, in consequense of the state of his health, which made absolute renose for a considerable pertiod essential, had and that, acting on her Majestr's beon accepted; Disrae., was mon en raged in forming am Administra-
tion. He th invariable course, in order that, following the necessary arrangenents, the Hourse should adjourn delas the discussion of Mr. Miapseli regretted to motion on the condition of Ireland, he had no option,

 posed mas mont approrerinte under the rimment pro-
 Lord STANLET in reply for his motion on Irish affirs quite as ankex in reply said that the Government were spbject referred to should one could be that the great The motion for adjourne fully and fairly discussed. Yesteriay Lord STaNLEY, ont was then agreed to. Who was still at Osborne, stated that of Mr. Misraeli, to sik the House to sanction a further ad necessary till Thursday next, when the day for adjournment debate on Ireland would be arranged the postponed sTONB, for the special reasong arranged. Mr. Gladillness, assented to the adjoummened by Lord Derby'
to. The House then adioun was agreed號
Monar Murity Pintelfigence.
onsols closed as gat
Consols closed af gas to 93 both for Money and


## fitctropolis and its Vicintu.

Discovery of the Rev. Mr. Speee.- Sir Richard known that information had been recoived that morn ing of Mr. Speke's safety. He was found at Padstow an Cormall, dressed ma a drover, with other digguises arrested by the police on suapimon of being s bank arrested by the police on surpicion of being a bank-
rupt who had absconded from Hull. As, on further examination, he answered the desoription of Mr. Speke,
he was taxed with being that gentleman, and confesed that he was. Mr. Murdoch, his brother-in-law, left London for Cornwall on receipt of the intelligence, and with Mr. W. Speke, his brother, and Detective-
Sergeant Williamson, arrived at Bodmin on Tuesday morming by the London mail. They had an interviow with the Chief Constable, Colonel Gilbert, and subsequently left with Mr. Speko for London. Mr. Speke gave them a fult accunt of his proceedings since to went to Basimgstoke, and next day walked following he proceeded to of 18 miles. The day following he proceeded to Bishopstoke, and thence
to Southampton, Gosport, and Portsmout remained in the neighbourhood of Portamoutla thll tho 29th of January, ocoupying himself by visting various places in the locality. Ile arrived at Plymouth by
steamboet on the 30th, and stajed there till steambost on the 30th, and stajed there till
February 16 , during which timo lo visited Saltash, Cotehele, Egg-Buckland, St. Germang, Tamerton, booborough Ivybridge, and other places in the neighchurile at St. Crermans; the next day he proceoded to Fowey, on the south coast, and thence to Lostwithiel
on the 20 . He then went to Boden on the 20 th. He thon went to Bodman, and put up at went to Padstow, where he was arrested, having let lus luggage at bodmin. IHs luggage was in several small bags enclosed in ono large bas. 'Tho money found ILe wis somewhat excited when takon to Bodpur but talked quito rationally to the Chief Cutn, stable. He appeared, however, to entertain peculiar religious views, and said his great object in leaving nomody was to get to some country where work for his living and preach the Goapel to his greater insight than heretofore into the said, much the bible by his lonely study of at on the primemples of sea-sbore. When asked why he did not go abroed at once, instead of roaming about the country horoad at knew it would have been of no use to stry, he said he the telegraph would have been set to work and it, for tives placed on the watch to stop him. He hoped by them off the scent and that from place to place to keep to ombark from a seaport s thor a bime he would be able plans for the future attend church there on Sunday to Bodinin and various places of interest on the Cornen to visit after which he proposed to proceod to Infra combe, and cross by steamboat proceod to Ilfra Ith that view ho had ascertained the times of sailia to walk through Wales to for America. He admitted having read the newspanerg daly, but said tho excitement catused in the councrs diterminatimpearance bad no effect in altering his ledged, howeser, to his brother scherne. He achnowashamed of what loo had done, and seomed alfecter by calnis and composed bution Bodmin for town he was in Iondon Mr. Speke appeared dejected. Onarriving nodical care. Dr. Gull and Dr. Tuke, the physicians duty for some time longer entire cessation from clerical chanke of climate. Mr. Speke will therefore, pro.
cood in a few daya to the south of Frances;iprobably With his relative, Mr. Murdoch. Thesimrobably
Morning News states that the Cornich police
to have the to bsve
dincovery
 at Bow Street Police Court Oi Mursiay morning, Peter Taylor the trmsurn Mill, the president, and Mr applied to Sir Thoman Henry far a mace Committeo, Governor Eyre for the murder of Mr. Gorder anst
 Collier said that he wass instructed bench. Sir $R$ Fanrant against Mr, Eyre, on the charge of for a been accessory to the murder of Marge of haviog It might be said that thaicar, on the D3rd Gordon, at It might be said that these proceedings were taken a the offence took place. Upon that point he muin
mention that at applied for and obtained acainst Gene warrant was Lieutenant Brand as prinoipals it weral Nelson and make the application prinoinst Mr. Wyre as accessory but it was fopind that hemas not at that time within
the jurisdiction of the oourt If ine
common knowledge that an appliedtion
made to the magistrates in she made to the magistrates in Shapplicotion
jurisdiction Mr. Eyre Was; but ho pron
Thomas Henry would Thomas Henry would not consider hime
their decision, but would exarcise his om
Moreover, that decision was given prior to
of the oharge of Chiof Justice Coetcurn to
jury in reference to the case of " That r.larare had since been po Chief Justice with notes, and piblish a
ment of martial law. It was no
Just icos to son Justicos to say that ip they had beenarges
all tho learning and aus would have come to a dioferty lip
peculiarity of Finglish lawpeculiarity of Fnglifh law-and conelus
to think it a refect - that the for
prosecutor, no official person othere, prosecutor, no official person obserged the action of private individual;, many great crimes would
ment, and even without investizatin
instructed him were any personal molises, but by
of duty, belicelna committed betbat a british
death without wara con-tituted what the lavs called m roder suder that a most mportant matter, a tenure under which every man te th
andeed in tho lBritish doninotion te property. Ho then pave the legal grounds upon wha amounted to murier Hieh it was some were to a preat extent identical wita ta Brand," and he sunported them by rities, and especialiy to the chare referm. Justice. Having contended that it maswin to prove express malice, he went on wo was evidence on which he would submil Would be justified in finding that In actuated by express malice. There hand
feud between Mr. Eyre and Mr feud between Mr. Eyre and Mr. Gordon;
instance Mr. Eyre's conduot had brougbl severe censure from the Duke of Nerem entering into the details of the dispaleshang
Eyre and Mr. Gordon, and quoting lagl Eyre and Mr. Gordon, and
correspondence, he proceed of indemnity passed in Jama ${ }^{\text {a }}$ d did nit wr ings here. Sir Thomas lIenry to arguo that point, as it had becu deacs Nelson and Brand" case. Sir sion, said that if the warrant was granted: Mropose to ask that it should be erecated ss and Lieutenant 1 rand had done. Fo ond reminding Sir Thomas Henry of his onm words in summing up that case. Sir Th to by Sir R. Collier. In that charge all theira used by Sir R. Collier had been 80 put that 1 'm jury had thrown out the bill. there had ever been a cave ther bench, in which, after the grand ju bill apainst the persons unurder, a mangatrate had jostien uch r precelent not think luat be nuratis grant a warrant. That, however, Foily the prosecutors from preferring \& nen TME EASTER FoLT NTEER RUGEW - On largest meeting of metropolitan Volunter ofs consider what steps should be taken regard n2 of metropolitan foluntecrs unually hedd at El been carcted unatuctuonty, that the tual fenm
 as pective merits of Brightun, dophtition. the Mayor of Portsmouth and segeral
cers and gentleusn Irom that toma, cers and gentleumn from that toma,
points in farour of that placo berag points in farour of that placo berag
Knight, who representel the miterests of
Chathan, and Dover nol suith-Eister Chathain, and Dover and arven last year for 18 . that committee of officers, consi
Lord Ranelash, Colonel the Hon Colonel Tarsor, Colonel the Hon. Log son, should be appointed to report an te for the revi

THE Curuyersint fur Wfat Minfiki olection concluded on Saturday iu ta
Dr. Diplock. On Monday the sheridec numbers to be as follow.-Dr. Dipur Dr. Hardwicke, 142 ; Mr. If alter, $\mathrm{N}_{1}$, Niplock had been elpoted by a majone is protest was enterod aganst the return
wreke, but Dr. Diplock tuok the requa

TMR CLEREENWELL OOTRAGE Morning William Desmond, Barrett (alias Jakson), James O'Neill, and Anne Justice axamination. Mr. Gifard, Q.C. ha the case for the Crown wrs , Q.C., he
© 20, 1868] THE GARJENERS' (HRONICLE AND AGRICTLTURAI, GAZFTTE

Farett, and Justioe, but as no evidence had mittee resumed its duty of administering relief to case ced against O'Neil, he hoped that the Mutwixizew
 witncises were then formatly bound over

 artes IN THE EAsT-END.-On Monday
( lreentive Committee, formed for the ecceptional distress in the east of London, at the Mansion House, when their two days. Mr. Samuda, M.P., called the the committee to a letter which appeared of that morning, from Massrs, Pontifex builders, stating that 30 carpenters, reed wages of 5 s . 6 d. a day, to which the ored to add an additional ahilling on dag, hut to work till $40^{\text {nclooks }}$ in common
regards, had on Saturday struck had given no previous notice of their ork unleas they were paid $8 d$, per
the Saturday Eall-holiday. Massrs. that some of these men Fere
to work with them until they had to work with them until they had Ir. Samuda said that with such a letter them it became them, as a committoe the purpose of mainly relieving the adon, to reconsider their position. Ie iled a way from their work by the infiuence ans, and that the course they had taken
It , therefore, for the consideration of the that fatal influence at work among who might indirectly assist trades hat the committee might thus become
with the fruds placed in their hands benerolent purpones, of enabling those arestrant of trade and to carry out their agenes, The lev. Septimus Hansard,
Betbal Green, sad that before they ought to on the lear the men themha by reason of the conduot of those real istress, which was widespread and
> ship-building-such as coster-
and others. Mr. Ravenhill said

ainour conmittee of the Poplar Board of
in the stoneyard, proposed that
Themed, instead of being kept at The men refused to work at the wall, Was at the bottom of the refusal, same time, that they did not ask
full number of bricks they would full number of bricks they would be With some work of that kind as a
Scrutton, the head of a deputa-
Tist Central Relicf Central Relief Association work, though everything was in縕年. A dispensary was being they did the brickey apprehended the labour Committee. They had lay 200 bricks a day the usual the Labour Committes the work aour market. The Lord Mayor ranture of the committee Fas ass,on a resolution was passed, on the atford time for their being better lbjert of certain strikes which had tations which had attended to ask The secretary, in the early part colnmittee up to that morning
at they had a balance in hand of 16701
a iexed meeting on Wernesday, the in being questioned donied that they hat asserted that they were shut out. nalink, because the bricklayers did so, brimplajerg. In short, they offirmed that Were willing out of a misunderstanding aplanations followed, and the $58,6 d$

Mr. GLADstone
Mr. Gladstone on the Co-opraative Morb-MENT.- 3 .Iesrs. Jones, Erison, and Barter, of the
Borough, wrote to Mr. Gladstone last week, calling his attention to the spread of the co-operative movement and especially to the Civil Service stores, and stating
that a
cleling of irritation has arisen amony the tradin, class at seeing the
country so much, and the Estich ates for which have
grown so rapilly of late years, doing their utmost to grown so rapidly of late years, doing their utmost, to
destroy tha trader altogether, and, in fict, becoming craders, although retaining their siturition at the
country's cost. They ask how if this goes on, the countrr's cost. Thoy ask how, if this goes on, the
trader is to meet the heavy taxation he has to bear, and express the hope that he will use his great influence in the correction of this tendency, which is, they say,
"being viewod with greats anxiety by many, and which "being viewod with great anxiety by many, and which done to set class sagainst class." In reply Mr. Gladstone
writes as follow:-

## "Gentiomon,-I

11, Carlton House Terrace, Feb. 18. that consumers should endeavour to adopt menens for buyim sore when their regular meenas of an homourable liveli.

 restore thingstive to their nome defect, removal of which wull col ree, I fpeak cren withont
tho authamity of


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 familien, and with many other traders of this groat metropolin. Long oredits mean large loang by men In busith-
out ot their tradine capital to men out of businesm These
loans muat be paid leans mumt be paid jor at the ratas unally current for trading, capital, which are, of course, high. Fere wo bave a total
huveraion of the natural order, which is that men in businesd
should should bo borrowars from, and not lendern to, men out of
businosg. This aystam also angravates the risk of bad which form an additional charge to a good debtor; sand it is connected with a general irregularity and uncertainty, whitoh are much in fanalt; but It cannot help thinking that traders aro effort, and by comblnation Bmong traders fane fy sour of readymoney dealinge, either aboolutely or ss encouraged by disposed to appeal to me in this matter, although I have no
apectice to proposo, I are quite willing that, if you think fith gpectic to proposo, I art quite willing that, it you think fit
you should give publleity to this letter. I Inc, *c.
"W. E. Gladerone."
Mrtropoliran Board or Works, At a meeting of the Board on Frida
 which agreement to purchase frow that company the etone which might be required on the Thames Embankment worlc:
for which he had made a tender, the acceptance of which wan Doulton consented to ant as roferco in the event of differences arsing batween the parties to such sgrecment; that tho eprehonsible, and calculatexl injuriously to affect it Mr. Adams seconded the motion. Mr. Elt then moved the following amendment:-
"That the Boand extremely reareta that any of its members hould have taken part, in busmess or professional transcalculated to affect injuriously the character of tho board in
After some remarks by Mr. Sham and Mr, Hones, Mr. Roche entered into a long explanation of the course he had taken, and said that ho had acted, not as a nember of that Boarn, butas a prolessionai man. Mt and moved the following :-
"That the Buaril is of opinion that the charge ngainst Mr Roche, if hying promised to Rlupport Mr. Furness in bis Firncas contracting to tako tho granito he night requife from the Landy Granite Cumpany, is deatituto of foundatlon 2 That the only connection of Mr. Roche with the transaction
consiats in his baving, in his charracter as a molicutor,
omployed by the Lindy Cotnpany, drawn un nad obtained
the signature of Mr. Furncss to a contract to take hio rom that company, in pursuance of an arrangernent precriounly made with the company by Mr. Doulton, ${ }^{\text {tasen }}$. That tho colirve fact, operate to the prasudice of tho public in toresk. 4. That
much courso is, Derorthelems, objectionable in itaelf, innumuch
as any conneotion whatever, whether of a business or a proas any conneobion whatever, whether of a buginess or a pro-
foafonal character, between in member of the Board and a
party who has contracted or is in treaty for a contract with party who has contracted or is in treaty for a contract with
the Board, in reference to the subject mattor of such contract
or treaty, is calculatod to shake the confdence of the public in the integrity of its proceoding,"
Mr. Le Breton withdrew his motion in favout of Mr. curners, and Mr. Elt declining to withdraw his Turner's resolution the amendment. After a long discussjon the amendment was put, when there were on a division, for the amendment, 19 ; against was therefore lost. Mr. Richardson then moved that the last paragraph of the amendment, which expressed the disapproval of the lioard of any of 1ts members soting for contractors in a professional or other but was negatived, on a division, by 20 to 2 . Rofal Acadery of Metsic.-Several of apers hiving recently stated that the Roysa the publio of Music was about ho close, Mr. Sterndale Rencademy principal, has announced that the institution will open its summer session, as usual, on the 9th of March, with
an increase in the number of its students.

Secesslons ro Romp,-The Rev. E. G. Shapoote,
Rev. G. Akers, and Rev. F. M. Wradham, of St Rev. G, Akers, and Rev. F. M. Wrndam, of St
Grorge's Mission, St, Georgetsin-the-East, Receded
hat neek to the Roman communion
 Priry, II ckney, seceded last week to Rome, but one It lis said that the since returned to the Raglisk Church. originally a Roman Catholic, and has now returned to her mother communion.
Light Wriaris and Shobt Mrasurbs.-Forty knowingly or unknowingly cheatise wear ined for by using unjust welghts and measures. The fines victuallers and beer retailers, 8 chandlers i house keeper 3 grocers and cheesemongers, 1 confeo tioner, 2 butcherg, 6 cosl and potato deaters, 5 bakers, and 3 milkmen.
DEMOLITIONE IN THE Crty.-Another of the old landmarks, which have of late been destroyed to give place to modern improvements, is doomed to immediate demolition. The siracen's Head Hotel, in
Skinner Street, Snow Hill, celebrated in the old armier and cosching days, as disposed thy the old few days since, by instructions of the Improvement FIER IN POPTV City of London on after midnight, Marker,-On Saturdny night, Portman Market, opposite the Maryleboone pheatre, and ming about 20 houses and shops were destroyed out soon after midanight in a shoes shop and broke with such rapidity prom shop to tolos, that in leas than an hour the whole pile was in flames. It is said to 11 o'olook on Saturday night the side blind in tho shot shop was blown by the gale against the gas jet outside and waught light. The shop was being closed at the time and the flemes having been hurriedly oxtintima and the flames haring been hurriedly oxtin-
guashed, the blind was rolled up and put under the counter. About an hour afterwards the counter of the shop was found in a blaze, and it is suppesed that some sparks of fire must have remained in the blind When it was rolled up, and smouldered until they burst into a finme.

## Faral Fire IN Conert Gardin Marimy-On

 Tuesday morning, at half-past 2, a fre broke out at Mr. Bocking's, basket maker, at the corner of King Streat, Covent Garden, immediately opposite Erans'sHotel. In a very short space of time several steam fireHotel. In a very short space of time several steam fire-
engines arrived, and water was pouredupon the burning engines arrived, and water was pouredupon the burning nature of the stock the progress of the fire mas very rapid, and the interior of the buildins was completely destroyed. Mr. W. J. Lobjoit, a well-known grower
in the market, residing at Bernes, was in the habit of in the market, residing at Barnes, was in the habit of and was unfortungtarly in the markat each morning when the fire ooourred occupying his usuat quarter the esoape, but anddenjy remembering that be had let some money in canpet-bag in his bed-room, he Fon He fell ina no sooner set his loat upon the floor than it below, and he was preelpitated into the burning mass below. The flames rushed out of the wintlow of the foom as thoung from a furaace, and compelled the and fane, that he had to besent to the hospital in a cab The charred remains of Mr. Lobjoit were found at halfpast 80 clock. It is understood that he had a wife and on Th, and that he was as years of age. At theinquest from suffocation, aud that the fire was accidental.
ATTEMPTRD BURGLARY AT WANSTEAD.-On Friday aight a daring burglary was attompted at the house of oclock in the evening a maid servant went to the Alderman's bed-room and lighted the fire. At a quarter to 9 sbe went up again, and found the roomdoor looked. Hearing a soufile of feet she became alarmed, and called tho butier, who went up and forced the door open, and then found that it had been barricaded from within. The room was in the greatest conby means of a had cut a pane of glass out of the window, sad with a jemmy prised off all the fastaniags. They had also pened the door of the strong room in which the and hal brought out four chent emntaning plate, the content - of which, amounting in salue to abovo 2000 l ., thad been abstractel and placed in sacks ready for
removal. Fortuately unly a few suall articles wore mizsing.
THE PUBLIC HRaLTH. - The Begistrar-General's Weekly Retura of births and deaths in London atates that in the week that ended on saturdy tered in London and in 13 other large towns of the United Kingdom. The annual rate of mortality wes 21 per 1000 persons living, being 23 per 1000 in ohester, 26 in Salford, 21 in Sheffield, 23 in Leeds, 23 in Hull, 30 in Newrastle-upon-TyDe, 1000 in 28 ing the week ending the l5th inst per London the hirths of I1.5y boys and 1156 girls, in the correspondang weeks of 10 years $1858-6 \bar{i}$, the average number, corrected or increase of population Weok werel336. It was the eighth Feek of the yoir the he average number of deaths for that week, corrected or therefore, 243 below the estimated number

## grobintial

Birmmomarf-On Friday Thonas Bee-ley, alias Marlus : Noseph Berjes, Willimn Bceleley, Luvis Bee,



 stenl tor thont
HOR flesu-The hirc ukwater at Holy head extends nearly tho minh seaward. At the ertrimuty a light-
 cranes - 1 Irchic chat wan relpured lart week was also


 No. dy. Tower Buld angs, was alono in his office, both his clerks having kone olt on busines, when two young wosan, liis muma and ail complete, and the otber







 ithedure. Hice ocupaut of the next oflee and lise elerks came na and se urad the men, who were kisen into


 found that he had -uthines setere coutusions on the
 Were nt once taken to tho Central Police-station and examined. They are Loth symas neen, of lews 1lanat the

 golicitor, iu Minor Fitill. On Thestas the prisoners Were briught before thie mashotrita, and as Mr. Kasol Mas unablo to atcend were remanued hor aweek. Tho chargal with enlliseion with tha promonera. if room ill




Maidstuate- Hout 3 a 3 on Tuesuay the $18 t h$ inst, tie Wathimail at Linton Plare, the seat of light in the mansion which exinted his suspicions. He that of the liatler', outr) nucu ife entered and fust crossed the room and gained the passege, when le met two men with blackened faces. A scuffe ensued, in which the watchman used hisstick somewhat freely. One of the men had a life preserver, sad the other a pistol. The watchman was su severely cut about the head that he was forced to nve in, the blood whel, wan
 ronm oranjued by two fothue serfauts, and locked the boor. Threcrants werr, of course, charmet, and the burglar, prolucimf a pistal as la, threatened to blow there bramw out of they ind a a nown, Ihe men then
jumped from th? witalow to the jumbed from the witasos to the eravel walk in front of
 Fatchman was found to be dreadrully cut about the head, but his wounds are not hikely to prose fatal. The ment of their gaperations, and had secured no booty hey have not vet been apprehended.
Patrick Malcahy, On Fridny the suspected Fenian,
 committen] far trial

PREator Lharines tlan pq-t thak a cotton-mill in

 than the Finsi sh. preses l'reston was onee " notenl grace for the Iu andaceture of machanery, and surpmet a great part of bancaslire, now its maclithery is beang SUEEL [FLD - The Ciornorition of
ing the example of the Cornorat of thas town, followadopted the use of dreang if portars ho cool, have adopted the use of dueang d Portersa 30 -ton steam road rollers for makimg the streets anit roals of SUNDY
wes totally lont on tho fine iron steamcherp Norfolk and breat, durine the l'remils connt, between I hamt Why from the Tyae to Darceionas with a whime on her It is an the Tya to Darteiona with a cargo of coals It is mppoed that the orew, numbering 18 persons,
must have been washed of the vessel. The jorfoik mas the property of Mr. R. Young, M.P., and was of

Trowbridge.-The local papers report the discovery froal on the estate or the commenced, with the view surmy operations are of the seatro.
 in the cemetpry of this town. She was born in New
 beme 2 inches le
round the body.

## 

THE Lord MAYOR's Dinner.-The inaugural banquet of the Lord Iayor of Dublin took place on enthusiastucally received spoke at considerable length. He regretted that a seditious spirit was ranpaut in exce! $t$ to annoy and irritate the local authorities. The number of the conspirators was contemptuounly fors,
 He was zorry that the ex'epthonal state of Cork should be considered too much on the other side of the water, and that the Quixotic attacks on martello towers and the plundering of gunshops should be set down as characteristio of the condttion of the whole of Ireland rather than as the peculiarly exceptional character of desire to consider the grievances of Ireland, and to cramine tho condition or the people. Thast feeling was malependent of temporary Fenn aldims, and was rapidly gaining ground every day in the sinter ine. He
hedd out hopes that the resilt of the Rulway Commissoun would greatly advance the commerce of the country, and sald that the returns showed a derrease of $13,100 \mathrm{in}$ emirration last year, and an expected had increased from 880,0404 in 1837 to $1,43 f, 000$ in 1867 , and the revenue from 95,10001 , to 16,0002 .
The Deriln C'ommission.-The first instance of Cailure in the Crown prosecutious against the Fenian aytators occurred on Friday. TLe jury empanelled for the trial of Messrs. Marth, Sullivau, and others, on the clarge of taking part in an illegal procession in
Dublin (that in honour of the men executed at JanDublin (that in honour of the men excected at Manchester) were unable to agree on a verdict iffer four
hours' deliberation, and were, therelore, dischared. Ten of the jury are said to have been in favulu of a verdict of pilulty, an l two for acquattal. Tho $A$ ttorneyfiencral mald be would not proceed to re-try the case
tins Commision. On Saturday mormary Mr Sullivan Iroprietor of the Nafion, and Mr. I'sott, proprietor of the Irishman, who lad been convicted of publishing seditious libels on thie Government, were brought up teuce on Mr. Sr. Justice Fitzgerald, in passing senfunly or the most flamrant misrepresentation to
 ofleate, but for murder, ansd that govermment justice were to be so grossly libelled is it had been by the defendants. The seatence of the Court was that Mr. Sullivan be imprisoned for sis calendar montins from the present time, and at the ead of that period litat he give security, himself in 30 m ., ana tho securior in default of such security being given that ho be further imprisoted for a second period of six calendar months. Baron Dersy, in passing sentence on Mr. Pugott, said that it was painful to deprive of their abrity, but the duty was imjurative, and his colleague and him-olf had cone to the conclusion that they conld not conssstently with their duty pass upon him a less monthe, and at the expiration of that time enter into recuznisances to be of good behaviour for two ycars,
 def.ult be further imprisoned for six month:
The Fenian Tbials at Sligo The (rand Jury Cat Sligo Assizes yesterday found true bills ayanst Captain Naple and other Fenian prisoners. Mr. Heron move 1 for the postponement of tho trial of Aagle
Death of Constanle Casti at Conf. - Constable Casey, who was shot by Willani Mackay, the Fenian morning, after suffering amputation of his leg. Autay inquest
Fillut
Walter
which tool place in the evening mand. At fhe funeral, of that fuath, attended the funeral. When Casey was was broushat out of the hosjutal the mob hooted triunip.,antly.
 - ()n Momistrate at mort the hou-e of Mr. Nenchham, a magistrate at Douglas, two miles from Cork, was arms. Wr ve armed men in disguise, who demandel pretendin' comentum, who was in the drawing-room, harselled in, and, goine to the window with a doubleharrelled kun, fired at a man outside. The Fenians hatn again fired, sut without flect in. Con keeper rushed into the hall oxolaiming "Police!" and the men then ran off.
Anotir frexins Ootrage in Cork.-On Thursattacked byan armed of the Rev. Leslie Whmount was refused them armed party of 25 men. Mr. Wilmontat fired on the assalants, who fired the alarm bell, and hearing the alarm cane out, and the Fenians
decampod.

##  by Captann Konuedy, of HM, Himen


 Monday mhit andentrave, salkital
 character, thas jerpitrates at having arisen, one of the party la
in the grom ; the others escaped. volver was fuund in the strect, exploded; the others were load his dying deponthons, stated tiat the party who shot hun
'The Pabti Processions Act-Th. ir
prosecutions aganst a larye numberc for trial fur breashes of the Puty Prias Eightecu of the Protestant rocension.in 18
of July and as Roman Cathuliwa and 11 ? charged with riat on Lady-das Lave that cffect. The 1. July procesponist
day rioters will be put on their tri:l day rinters will be put
the Prote-tants of Dut,ho 1 nas Lefle on the Metropolitiau Lall, Mr Verner Irish Established Chureh and $1 t \mathrm{~s}$ r. attachment to the throue and Consin. subversion of the Church would be revolutionary; and hat its n
sary fur civi and reltoious detcrmined to resist all attuch, agaturit was large and enthusiastic hat
on the issembly leavin? the hall
The Prrble Pereir in Deblls. - T journals state that the casci of cerchro-sin
ritis are becoming more atmeroh 1.1 Die to bo foubl at present both anomy mulitary population.

## scotlau

 sion of the question ef ualional
Provost occuped the chatr, and evening resolutions were pased ca lastiva comprehensive measure of national eilua 1huty educition, of an unsectartan
 any educitional measure that may be Pirlament.
On ERSTOCKİG OF GıME-OD Te Thurstay of list week a case wis tred diviston of the Jury Court, Edindre
Barcaple, in which Mr. Georgo Syme, estato of the Earl of Moriz, Fifeslife, Num to the extent of 9 fit from the truate of the late earl, with whou be bul en
 leased by the parsuer an "unreaonabe? stock of game beyoud shat as of the puratuer. In tho pursuer stated that on the pheitsants were "ッo num erou the ant them.". Ife hal aect tus urged for the defen lers that the the loss was allered to hase been b) Counsion of Donibristle, that the expected to ajoound that the farmm had been tenant taking them must neecsiar
 at Camlachio Foundry, a number of ma. boen partly filled wata water, to injure the workmen who ha ployer's terms. The design the irua being jooured intu the no
 hended John Stemart an appre charge of benng concerned in it. Sternis with by the Sherntr.

1 xilmagg.

## Fatie Colligion in suthan.

 place ol Thursdus mornimz helreed mineral truin near irnisto guard oll one of the tramus, were taken to Edinburgh toCom PEN8ATION CasEs.-
 Tednoesday，Mr．Richard Baker，hous alow and Cripplegate，alter two days a verdict the South－Western Railway antinst the south－westorn Reaniway 1566 ，Mr Baker received an injury to t．e sil den slamming of a carriake




 Bintinue，on the mart of the comi－ to a verdict mul．
 nh ${ }^{\text {a }}$ Parker，sued the North It！to recover compensation in da－
irins received in 2 collision betweon rnturd on the equi of October last．
undmitted their negligence，and had oourt．The jury returned a verdict for
 to court．The company＇s counsel asked sidide on the eround that the damages The Lord Chief Justioe aaid that he not，and that he did not think it a much．

## 过的し。




 $\sigma$ maker，woro chargod with ullawtuly

 H2





 Huay．ot forzt Chant and provinoryi． $\Rightarrow$ Th tor，ilt entoorder，ffter reoounk


 Rumht rhais 3oth and previous guod

## Obituaxp

## In $\because \&$ itel on Tuesday last，at his residence

 iquary，mi his 86 th year The




 Lon t $t$ ：ininsts the dignity of a the sils $1+1,1$ ver
1 1ntu！
 as Burou Weurley dale，of Wensiley dale，for Ilfo，took tlue titlo of Baron Wenaleydale of Walton，in Yorkshbire，with remain dor
 seldorm an oonspicuous ahare in pouticat movemente，and

 The datughter of Lord Btactonald．Her ladyship was born in and had issue the Hon．George $F$ ．Boyle，marnied to the only dohn slaney Pakington，eldest son of the Right Hon．SLr Juhn Fulingull Burt
fernnr aron licsmion，D D．，Archdeacon of Mancheater dean，died on Fridny afternoon at Bheckburn，in his roth yoar，Ho had been ficar of that town sinco 1854 ， the colebrated chomist of Bristol，whese doath vas Horophath few days since，diled on duesday at hil residence，Catfor Bridge，near Lewiabsm．He was，in conjunction with his
c＇usin，vrigianily a maltster at Bristol，and whilat the Later rusin，origianity a maltster at Bristol，and whilst the Latter
rewe i his attention to ohemistry in commection with the malt trade，he pursued the study of mathematics，IFaving

party，wias the rasignation of Sir Hiumphroy Davy．Hubung retired from the buciness at Bristol，Mr．Herapath for it time pupils for tha navy．On the formation of the Eartern Coultics

 priator．Whilst conducting this p．per，la for severn yt．rs heard of bis mathematical inquirics．
ever，be resigned the active al sh hement of hus ancr t，hy
 actively engaged in comploting his coneluding volume for publication whan ho eaught a cold which，though it at fira pipered to be slight，terminated in his death．
frition，ofter a succecssinul upor ition by Sir Honry Thom pros In the early part of his carcer he lyeane kmuwn as a novelist， and olbaiced the patronage of the lite Maryuts of Lanedowne and a pension from the Whig Governnent．For many years

 join the ataff of Lrowe relered from tacion edtur，isher Mr Charles Dickens commenced that journal．Sulbsequant oy he became the editor of the Deily Neurs，from which he retired some yearg since to reside in France．He wrote for many
lewrs for the firm ifs His last literary worlc was the
 high，and he enjoyed the fricadship of some of tho moost the father of Mr．Eyre Crowe，the painter；and of Mr．Jowopl

WiLLs，－The will of Lend Bridport has been sworn under
 amberland， 250,0001 ；Mr．Winliam i3armos，of Barkhamstoad， Chamcelior of the Exchequar，for the use of the nativh；Mr John Ransom，stad groom to

## fitarkets．

COVENT GARDEN，－FER3．29，
The dermand for prodices of best quality fa dightly improv－ ong，and the supply boing fadrly kept up still further improve－ are in better demand than they were last week，and fot－ 4 rase Grapes contintu gond，they er nsist of Lady Downes＇，

 per bushacl．Potatos have not altered in mire sunce our （lumeso Primnlas，Pelarioniums，Wignonotte，Jasly T llips IIy．acmathe，Prusettia pulcheition，and Ruseg，

FRCIT．
Appleas，per bushel，4s to Bs Pears，per doze，fs to Ins
 Omanges，new，per 100，28 to 7a $\mid$ Whalnuter，per bushel，10s to 20 s VEGETABLES
Artichokes，per doz， 2 s to 3 s ｜Mint，per bunch，Is Aspara， bet t lis p．100，2a to 8 a Catimeses per los，Is to ls 8 d
Carrote，per bunch，6d to Bd
 Onions，per bushel，3s to 58 Parsley，por bunch， 2 d to 4 d Parsley，por bunch， $2 d$ to $4 d$
Potatos，York Regerts，p．to Celery，per bundle 18 to 1 s 6 d
 Curlise，per scare，1s 6d to 2 s
t ritce and Shallots，p． 1 b .8 d
1erlsa，per bunch， 8 d to 4 d －Ruchs，（wo．，lues to I21s －Flakes，13Ns to 16 w 1 s seakale，p．punn．， 2 s to 93 Leeks，per buneh， $2 d$ to td Tomatos，per buohel， $2 s$ to 4 s Lettuceb，por dow， 23

POTATOS Sortrwank，Monday，Feb．2t，

 to 1 ins．Lincolushare Regents，lus to 25us．；Dumbar and Fife Regents，i2 to to liks，；ditto kucks，LiOs，to 120 s French aud Belgian Whites，1
 Wylam，15s，3d，Eden Main， $15 \mathrm{~s}, 3 \mathrm{~d}$ ；F Walls End Gosfurth
 Hartlepoot；18．6d．：Walls Fod Kollot 158 Sd．；Wall

There has been a Blight parie WOO
There has beelu a bigght patse in the demand，owing to con－ for the moment the upward tendency of pricos has frecely，and ust we shall Coloninl Wool salea，compriaing about 115,000 bales，opened
en the 27 th inat．，and show an advance of $\frac{1}{2} \mathrm{~d}$ to 1 d ．par bb on


## LEADENHALL AンD NEWGATE POULTRY，de

 Thurgiday，Fob．27． The Poultry Market during Lont if never a briak one；the supply is never large，but this Fear it is，as regards firstguality goods，smaller than usual．Tho prtces that are now realised will show that poultry may be reared to pay；but，as with other thinge，it requires a great amount of caro and There in this year a groat decrease in the mupriy of Amortran and NorProgicn game．

 Duaks
Duckinus
Wild
Wild Incks． Phearanta
Harea
I everety Gripise
Truls
Plover



Beat Fresh Butte
Becond do．do．$\quad . \quad . \quad . \quad 18 \mathrm{~s}$ ，per dosen $\mathrm{lb}_{\mathrm{w}}$


## HAY，－Per Load of 36 Trusseas．

hinin，Thureday，Fob． rmem Meadow Hay 75 to 80 s Inferior do．

| nferior do． |
| :--- |$..$



## METROPOLITAN CATTLE MAREJTT

There are a fow moro Bensts than on Monday last．Trade is very dull，bud Thuraday＇z quotations are with difficulty pruw aro lower on the everage，Guvd Calves are stal sharcos
 nad 080 from the Northern and Midlond Countias
Best Scots，Mere

Best Long wools | s． | d． | E． | do |
| :--- | :--- | :--- | :--- | :--- |




We haven goorz suphly of leasts，and a wery dull trade； Monday $s$ quatations are seareoly reatised in the sales that are
offected，but a consulerable juropurtion romaina unsold．The number of sheep 15 samill，but they emmot atil bo disposed of ； prives on the averige are lower．Choice Calves atro stull serisce Nheap， 113 Calves，and 25 Pica
Best Scots，Hero－
furds，\＆c．．i． 48 to 410 Dest Long movis 4 ito 48



1Keasts，790；SLeup and Lambs， 3300 ，Calves， 100 ，Ihigs， 00. MARK LANE－MONAAY Feb． 24
Thu supply of Wheat from Easox and Kent to this morning maricet was very moderato，and disposed of at the prices of last Honday，The market was fairly attended，but foreign was frm st live rates．Beans and Peas qold alowis Barley woek＇s nrices．The Oat trade was stendy，and a fair amount of business transactod at the full prices of this day ou unight Flour was nuchanged in value．

From the 21st to the 2sth instant the weather b．us been ohangobble，with occasional high winds；since then we have
hed © couplo of very fine spring luko days，with a high tampen

## THE GARDENERS' CIRONICLE ANI) AGRICUITURAL GAZETTE



Livpriront, Thesiay, Foh. wh.To day's market was fairly

 Chata an 1 Sarice unctinnge-


 per qr. decline, , nixceil Americnn, 42 s .

|  | Wheat. | Barley. | Oats. |
| :---: | :---: | :---: | :---: |
| Jatr, 18. | its 68 | 423 1d | 2.ss id |
| -2.3 | ${ }_{5}{ }^{2} 4$ | 426 | 250 |
| Feb. 1 | ${ }_{51}^{518}$ | 424 | 2511 |
| 二 $1{ }^{8}$. | [13 | 42 4 4 4 | ${ }_{25}^{26} 0$ |
| - 22. | 4511 |  |  |
| Age. Averago | 731 |  | 2510 |




IVANTED, in a Market Garden, an active Man as
FORFMA , who thronghly umderutands the Fncelng of

Florist and Stove
WANTED, an actire and thoroughy capable MAN, to


WANTED, a GARUENER, Where two naen and a boy

Mr Williy Bralim, The Luncher, noar Preaton.
WANTED, an active YOLNG BAN.-One who ran

TVANTED IMSLLBLATLLY, a YOUNG MAN (atrout
 WANTED, a rcspectuble YOUNGMAN, to assial in

 WTANTED IMMEDIATEELY, a Young Man Aa


D ANYED, an LMPKUVER in a large Forung and
 WANTED, a SHOPMAN. - Must be thoroughly


WANT PLACES.-Letters to be Post Paid. Onrdeners (Kead, Foremen, and Under) Addor tha mbore, request thone wanting S, matioy applications




E XPERIENCED GARDENERS (or as GARDRNER
 TR. WM. PAOL begs to snnounce that he has

NGuilitat.ons, who mare open to ougngements.-Thif fullest of raticulars
 ( ARDENER (HEAD), to any Lady, Nobleman, or
 J_D, 15, Lucretla Rond, Konnfagton, S.
$G$ ARDENER (HEAD).-Aze 30, married, no incumCARDENER (Head) -Age 26 ; thoroughly under-

G ARDENER (HPAD) - Age 25, understands Pines,

(YARDEAER (IIPAD). Age 26: thoroughly undermom last altuation.-.J. M., Mr. Wm. King 's, High Stroot Nursorie
C ARDENER (HeAD).-Age 28 , single; thoronghly

C ARDENER (ERAD).-Age 33 , marricd, no incum-

CARDENER (HEAD), to a Noblemann or Gentleman.-


(TARUENER (HEaD). Age 30, marreed, one child ;

CARDENER (HEAD).-Age 30, married; a good $\pi_{\text {practical Man, who thoroughly understands his profeston in }}$

To Noblemen and Gentlemen.
( ARDENER (Hrance: thoroughly), underseands hts profeasion in oumabranches. Reduction in the establishment, cause on leaving. First


GTo Noblemen and Gentiemen.
ARDEN RR (HBAD). $\Delta$ ge 30, married;
underatada
 C ARDENER (HPAD)-ARe 40, married, two childron


G mRDENER (EzaD), A Gentleman wishes to rerom-


C ARDENER (Head)-Age 40 marrice, no incume-



 near Richmond
G ARDENER ( $\mathrm{HE}+\mathrm{n}$ ) - - Age 36, married, with family;

 Garder, Mungement of the Kitchen Giarlen, Forcing Eirly Yege
 ( ${ }^{\text {ARDENER }}$ (Heaz Whorkiva), -~Age 31, narred, no

 GARDENRR (8PCond, or Forexan in a Nobleman's


 (TARDENER (UNDER or IMPRoveri)- Age-20; has DROPAGATOR and FOREMAN. - Well up in the Eeneral ronkine of the Nurser business, Good referencee

## Tstate To Noblemen and Gentlemen

FA brance; in pushing Min of 40 , married, no incum-
 Manakement, whes a reongagem
FOREMAN, in a large Eatablishment-EDWard

$\underset{F}{\text { For }}$

HOREMAN, in A mediam Latabilubince

 TOREMAN (or SECOND),

- Ho mbush tourbo, Crawler, Susser
To Noblemen and Gentione


## $\mathbf{A}_{12}^{\text {Mis yoars with Sir Henry Mrang ranpl t }}$ A MBROSE STADAERS, having




 of a Farma of nay extont t ndersaris the thed
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CARPENTER, JUINER, and Painter
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 beforo bo had fic.shed taking
crutches. Hip is hok actiso and
resting
in welght, lookx ymanger, and
Gentlemen, yours truls.
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in boxes la. lid.
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## The Gatmenteg' Chromicle  <br> SITTRDAY, MARCH 7, 1868.

CIBSOSS ANTI-CORROSION PAINT,
 Th bat of ryax any other Paint It tr expecinily ap picanho 32.1 tust the rats of the sun upon Conser ritories GroonPN Por cwi.

 if Min onl gation In Engiand and Waleon aud moat Porta La Be io Sauxago fard Ladizte Rill, London, E.C. In Be Se Suyszo Yard Ladtute Hill, Mondor, E.C. CuF PITEA ABERUDEEN PREZE LEVER CORN


 DDISTBRED SELF-ACTING HAND BEEDP RIILR
 Rape Turniph Cas: Soeds. it is an in-
valuable implement Taluable implement foner, and to alt Who prosess a Kitchon
Gnrden; and for the Gnrden; and for the Farm it Fill be fotatd
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 be worth growiug together vith Nolle Tre thelr Timeo of Flow wis



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 NATURALI8T8 NOTE BOOK.




W ILKIN Notice of Romoval. KID D,
 Havo Removidy their Ettubishmont from the Corner of Park

W perrenal sttraction TE To peatth and lonpenity, by to








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## 

Retcrn of The Court to Windsor.-The Queen, necompanted by the Princesses and lrince Leopold, arrived at Windsor Castle shortly after 6. Her Majeaty orosed over to Gosport in the Royal yncht Alberta On Wednesday, morning the Queen drove in the
grounds with Princoss Louisa, and in the afternoon
drove out with Princess drove out with Princess Christian. Mr. Gathorne from Baphont On Thur-l.us morneng the (Queen

 ingham Palace, escorted by the 3rd Hussars.
THe Culvrt AT O\&bonse On Thursday the 27th Leopeld, was present at some sports performed by the ditachment of Suots Fusilier Guards doing duty at from London, and kissed hands on his anpontment as First Lord of tho Treasury. Mr. Disracli remained at Ostorne on ? visit. On Friday the Queen drove out On Saturday norning the Queen drove out with Prince Leopold. In the afternoon the Queen held a Privy Council, at which Lord Chelmstord had an audience, and delivered up the Great Seal. Lord Cairns had an audienco on being appointed. Lord Chancellor, when her Mapesty delivered to him the delivered up the seals of office of Chancellor of the Frehequer. The Queen then delivered the seals to Councillor. Her Majesty conferred in as a Privy Knighthood on William Bahol Rretti Rsq. M.Pr, afterwands left for London. Sir Wilham Jenner arrved on a visit. On Sunday morning the Queon, accompanied by Princess Louisa, attended Divine service at Whip-
pingham Church; the Rev. G. Prothero officiated.
In the afternon the Queen drove out with the


## with Princess Mary of Terk The Princess drove oryt

 Hoyal Prinees. Mary of Terk. In the evening their morning the Primen and P'rimerax netented l).umin Prinoe hunted with Her sermon. On Monday the The Prineess drove out. On Turseday staghounds. Prince rode out. The Princess drove nut. In the atelanoon the Prince held a Levee at St. Jamess Palace on behalf of har Majesty, In the evening their of sutherland, at Stafford. House. On Wednesdacy the day the Prince but. The Princess drove out. On Thurs hound. Prinee bunted with liaron Rothechild's stagCasmbridge at St Innesses dined with the Duchers of Cambridge at St. James's Palace.
Will po into monrning - It 18 ananounced that the Court Bararia, but that the Queen has for the ex-King of
pense with it at her Majesty's Drawing Room on the
12th inst., excepting for her Majesty's Household, on account of the injury which might be occasioned to traje Cabinet.-- 1 Cabinct Council was beld on Mondlay at the official residence of the First Lord of the Treasury, in Downing Street. Another Council was held on 'Tuesdas.
Conservitire diemting. - A mecting of the supwas held on Thursday at tha the House of Commons Firnt Lerd of the Treasury, in Dosning Strect. Upwards of 160 members of the party were present Mr. addressed the meeting as follows:-




 order that the whole qulestion of Reform miglit not be re opened, to the Insh Refurm Mill, whinich would be introduced
at once: and to the report of tho Buundary Which, as the result of the delliberations of a thoroughly im-
 make the ministerial stitemeat on the occaston of the disclis.
siun on Mr. Mazuife's mution. Ite concluded by expressing LiA confidence in the future, and retterating hits expressions of
gratitude for the warm support he had expurience I. Gratitude for the warm support he had exprience
Sir John Trollope, as the oldest member of the House present, assured Ar. Dismeli of the cordial satisfaction Sir Stirling Maxuell, hart expressed the same senti ments on behalf of the Scotch Conservatives.
Whlingss of the Bishop of Finchester-On Wednesday afternoon the Bishop of Winchester was attacked by paralysis on entering his carriage at Farnharu Castle. Dr. Sloman, his Lordshin's medical Thodon, who arrised at Farmham in the evening. rendering one side completely powerless, and daralysis, his Lordship of the power of speech, The acoounte Lordship, zlthough speechless, is improvement. His everything passing around him. He was born in 1790 , and has been bishop of Winchester for more than 40 years.

## foreigm

Francr-Prince Napoleon left Paris last week, atter a private interview with the Emperor, on a
journey through North Germany. His absence is expected to extend over several weeke, and a rhmour Misson to the Court of Ihrlin. Public op:mion in alleged estrangoment bet weritce's journey with an the Eastern question, the mere mention of which has again given rise to rumours of war. This Palrie of that it is enabled to state positively that Prince Nape The has not been ontrusted with any mission whatever The France of Friday says that Baron de Budbern, the With the Freach Minister of Foreign Affuirs, and that since the Jharon's return, in interviows with tha poltical personages, he has encrgetically proclanmed her firm resolution not to separate from the othe cabinets in the questions concerning the condition of Me Christians in the East, The Presse says that Marshal Reguault de St. Jean d'Angely, Commander the recall of the soldiers belonging to the Gurd oring have received leave of absence till the slst of March and prohibiting any leave of absence being granted authorities The France says made to the superior Imperial Guard is not the result of exceptional of the stances, but simply the execution of an annual repula tinn. In the sitting of the Corps Législatif on Monday Chamber the serdict of the intend to read to the case of the chardict of the Jury of Honour in the
should simply arate that Karveguen, but shoug simply atate that the jury had declared the
allegaiona oo M. Kerveguen to be false and calum-
nious. Havin was repentedy interrunted during the delivery Havin wha ropentedly interrupted during
had subsided, Mis Jules Sitiono. When this incident tion respecting the regulations of the Chamber as
interpreted by the Prevident at the termint iat sitt.ag. M. Jerome Intid repued that of the stdent he coull not hove antes otherwise that, as Presead and passed. The Compuntons sitther wa- then relatis to the contingent of (t), (t) men men and the $13+11$ Buplementary report of the Committee upon the Presa Pescay the election of 15 Fin the sitting of WedPeronne, was annulled. The lurnel, fixing the continMent at 100,000 men then came on for discussintions of France with to M. Picard, said that the rela and that the cow foreign Powers were exoellent had caused various alarming reporte, were now entirely dispelled. Marshal Niel made ar speenh, in whirh he ${ }^{\text {"t Th }}$
attacker, opposition with anor bave reason to regret hoving ryanisation will he a plidge of anfety for the courntry. .that will
fall leac hoavily upan the population than tho former one, and

Itself Picard's anendment to thentrs of p penco
220 to 20 . Another amendment by M
rede was also rejected. An ament
court, to rpply to volunteers and tary stand
tary standard height, whech has subat lo
50, was opposed by Marsial li
majority of 122 to $10 \pm$. An amat
Breton, proposing to orzanise a a contur tain Classienrs, whose duty it forests of the Ardennes and the Fo the l'ress was resumued. Tarobate posing to reduce the stamp duty on nex Article 3 of the Bill then passed. In Imper the Moniteur of Friday aunounces the abront and Mecklenburg. Another decreats betwee ration signed on the 21 st ult between Italy, concerning the privileges grantel It provides that the subject italan subjects respectively exemapt from all service in then national guard, or mulitia ; fromall undia cipal functions, forced loans, and multaryreng the 18 th ulterial fordinance, signed by Marsha service for 1860 at 950 of. The $M$ Honiteur frot of Wednesday, alluding to the ret remeo Derby, says that ferw statesmen have so muro meen, hoth on and the respect of his fello and the celebrity of his talents. and than of Mr. Disraeli has been fayoura who has surmounted fo malt to do justice to position he now orcupies. The C
Haussmann to traverse a corner ofectel Montmartre shall not bo made. The Emen reported to have said :-"Publ Sromect, which, besides, is not of indisnenstur animates the population of pare to the feelire ship Devonshire, ( 'aplain Clark, foo supy Shields, with grain, was lost, with, all hande man 16 persons, and a passenger call She mas gone to pieces.
he has gone to pieces. Captain Marshall, Iaden with schonner Mer Captain Marshall, laden with naphtha an! pian decnee of an explowan on board The ship io Hivover, - A Joyal decree was sued al B Theruay relative to the secplee ration of
fortuoe of King George of Hanner, annolnged that the Supreme Court had at Hietzing, on the charge of high treason T oflici
day
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the furthoranco of criminal phans hostil to

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Preasia.-The King of Pruesis cineed it Throne, of which the followine is a summan Throne, of which the foliowing is a stimman
Hajcsty expressed his satisistunt the Government and of tho represent

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## uhat ry Hecraly filaly b

## and matenal "welf ire, boar tho desired frite."

Prince Napoleon arrived in Berlin on Nean night, travelling under the thtle of cuatat frem Prince of Prussia paid a visit to Prince 10
the Fotel Royal, His Imperial Fivines proceeded to the Roynl Paiare in one ol returned the visit of lise. Imperina Hisbren
Princes Carl Albrecht and tuabert, Du Wurtemberg, and (Count Bisumarek glan onta! Nupoleon, in ha had previnusly viale 1 the
the (ucen Dowaver at Napoleon dimed with the Kuag at

The British Minister, Lord A.
Innish Minister, Her von Quade,
reientials to the King on Wednesdas res to the North German Confederation. papr eays that it is doubtful if the Zoll-
sment will be convoked before Easter, on ment west of the elections in Hesse and Shoull the speedy convocation of the ent will meet on the $19 t h$ of March the Cu-toms Parlament would
The Russian Government has urlases of corn to bo made in the men. The attention of the Prussian tro servettes to bo built in the dockyard
tro oorvich is to be iron-plated. of which is to be iron-plated.
anday, at the age of 81 . He was bort in diar taking part in the French campaiga ts living aren mossimone cultivation secumulating ospouts of art the throne in 1825 , and signalisen ly the erection of the magniftc
ant knowa as the Glyptothel
it Hilhalla at Ratisbon, and other buuldings When 60 years of age he became the celebrated Lola Montes, the opera
he created Countess of Lansfeldt, with about 5000 l . a-year. The Countess, the revolutionary movement of 1848 do leave the capital, and in a few Maximilian, the father of the reiguHis second son Otho was chosen King has since died. His daughter Adeling of Naples, so that in his old age ortune to see several of his relatives Wedoesdisy says :-
denled that negotiations have been begun
a Southern Confederation, but the recent Tartiun Minister of Commerce. Herr von
Vombuler, the Wurtemburg Minfistor for gsburg, Wis o,
Reichsrath Committee on the on Saturday the special outlay for
firearms, and granted funds for the new breech-loaders. The Austrian sittiog of Saturday, adopted the Committee that 76 million floring

## that a correspondint

previous to the next 13 udget being mala alairs were referred to al Committee of the Austran Minister at stated that the Ministry was
sation of the Austran consulate If rencsansisation of the Austrian consulate
Irb tuke Henry of Austria, who recently Mille Hofmanam, the actress Than, 1 amording to the domestic law
the Eraperor, but is vald into withe the marriage the Archduke bas olonelcy of the ci3d Infantry, and on whatever. Major Kodolitsch Kielmansegge, of the Navy, have ompany the British expedition committer of 18 deputies appointed to the Chamber of Deputios on ommittee propose that the tax ohall the lst of January, 1869. They also article of the decree of the 28 provi$c$ debt on which income-tax should and abroad. In the sitting interest Monda

refulay Signor Semenza presented a the forced cur rency. Signor
would be firet necseary to
restore Italian credit abroad. The forced currency
might afterwards be removed by the issue of Goven might afterwards be renooved by the issue of GoyernViacara opposed the the debt to the Bank, Signor currenoy were abolished. Signor Lualdi proposed the national debt. In the sitting of Wednesday, afted speeches from Signori Nisco and Pescatore, Signor Rattazzi delended the polioy of his Administration on the House rose. In the sitting of Thursday, Signor Rattazzi resumed his speech, and said that he did not consider it expedient to subordinate the abolition of the the necessity of giving to the discussion , he urge and proposed that the Chamber should examine the schene proposed by Signor Ferrara, Count Cambray
Digny, the Minister of Finance, then spoke as follows:-
"Ho estimated that occlasiastical property of the value of recelve 80 millions, equivalent to one-third part of the pur cbase money. He bad under considermation a freak finmocial operation upon ecclesinstical property, but nothing had as yat
been deternined upon. The value of the ecclesiastical provert was estimated at 15,10 million life. As regarded the atholition the bank was 3 R millions, bit the t.t. Al sum neconsary to Hic opposed the expedtent of a forred national loan, ns unpon-
sinh withont the previans restoration of puttic credit He beliceed that the propused farule of Govermment papar wis ney
to pay the hank would be nuinols to cotmmerce and pabli
ducive a scheme for the abolition of the forcod currenes. Ho any zacrffice necessary for the maintenanco of her rocedeur."
The King has signed a decree instituting a nem Order, to be called "The Crown of Italy." The died joined the Navigation Treaty, concluded on October 1. 1867, between Italy and the North German Con Tleration. A grand banquets was given at Genos on Thursday week to Admiral Farragut, the conamander the Palazzo Sorsi. Rifly-eight the Mediterranean, in oivil, military, and municipal antortities, mad saveral senators and deputies, were invited. The Mayo proposed the health of Admiral Farracut, and the Men's corulailty prevailed. The Genoose Working to the Admiral.
Papal States.-A letter from Rome states that one of the cases of beatification is now before the Sacred Congregation 18 that of Christopher Columbus, the disCardınal Domnet, Archbishop of Bordeaux, who has addressed a long letter to the Popo on the
Cardinel Antonelli is suffering greatly from gout. The
to marry his frist cousin, the Princess Antoinette
The bridegroom was born in 1841, and the Princoss

| 1831. |
| :--- |
| 18 rasi |

Rress a.-All the Russian generals, governors of Ckraine, Lithuania, White Russia, and the Kingdom of Poland, have been summoned to St. Petersburgh. Baron von Budberg the Russian ambassador at Paris, made upon his life whife passine through Terviers by a son of Baron Meyendorf. Baron Budberg suffered no injury, and the assassin, after having been judicially insanity.
Candra-It is stated that France and Russia considering the deplorable condition of the Cretan refagees in Greece, have decided to transport no more 60,000 Cretans whe have emi rated to Greece, mosto of them are in great distress
EGYPI. - Despatohes from Alezandxis state that the Egyptian interpreter employed at Massowah by the Egyptian Government has been brought to Cairo in irons; the cause is unknown. Doctor Krapl has returned from Abyssinia.
Abyssinia.-Sir Stafford Northcote on Wednesday reveived the following telogram from Sir Robert Napier
at Attegerat. at Attegerat
"A Informati in recaived from Magdala up to the 17 th of
 detachrnent of his arriny, to be eacorted to Magdals. The King
progress towards Magdala was very alow, owing to his incum
 no clue to Theodore's viewe or purposes at the prement critis." Menelek, the King of Shos, was adrancing on Magdala with an army of 40,000 men, and that the Ingre people were wery friendly. The Correspondent of the New following despatch, dated Antalo, Feb. 15.
"Arrived with advance brigade. Short halt made hare propone peace. Grand reveew uid native chieff then Envey
from Kassii trcated bally Ly Merewether. Peace doubtful,
 anl well. No foral
India. - The Bhecls have risen at Punch, on the rontier of Cashmere. A force has been degpatohed
disginst the insurgento. Fears are entertained of Chins-Admiral Keppel haserrived at Hone-kon on board Her Majesty's ship Rodney. The Peninsular near Amoy on the 23d January together with loot cargo. The European boilermaker, gunner, and J.iness were drowned
ras.-Inteliggence from Japan announces that Stotshashi had taken place. The foreign Ministers had fikhting New Zealand. The Duke of Edinhureh ise pected at Wellington about the 8th of March. The Maories are quiet, and the goldfields are progressing favourably.
Unitred States.--The House of Representatives has adopted the Article of impeachment charging Office Act by his order removing Mr. Stanton from the Secretaryship of War, and appointiag AdjutantGeneral Lorenzo Thomas as his successor, without the consent of the Seasto The House has also adopted another impeachment Article, charging the Presiden Fith haring violated the Army Bill by trying to induce General eniory to obey orders not sent through The House has also adopted additional impeashment artioles charging the President with high orimes, in having denounced and deniod in publio speeches the the House of Representatives presented the artittee o be liouse of Representatives presented the articles of impeachment to the Senate on Wednesday last. The
Senate was on the same day organised as a Conurt of Impeachment to try the charges against Prostdent Johnson. Chief Justice Chase presides. It is reported that a Farrant for the arrest of Adjutant General Thomas for violation of the Tenure of Office Act has been applied for at the Supreme Court; Whilo
President Johnson has nominated him Brevet LieuPresident Johnson has nominated him Brevel Lieucalled for the correspondence relative to the nomina tion of General sherman as Brevet-General and the creation of the Division of the Atlantic. On the other hand President Johnson has acceded to the request of General Sherman, and revoked the order aspigning him has pased Bill fivision on he Alantic. reduction of the army. The House of Representatives has voted an sppropriation of 50,000 dols. for the relief of ubsequently discharged The House has passad a Bil athorising the surrender of escape from justice and seek an asylum in America referred by the House to the Reconstruction Com mittee. The Judiciary Committee of the Senate has reported, declaring that a simple majority of votes also $a$ Bill declaring that the jurisdiction of the National Civil Court dos not extend to of ne
questions. The Ohio Senate by $s$ etrict party vote, ho pessedia resolution in favour of the repeal of the Reconrescinded the resolution ratifying the oonstito tional amendment regulating the basis of the suffrage o Washingarohna Convention has sent a delegatios relative to the probable election of negro Congrese men. A resolution to probibit the marriage between blacks and whites has been defented in the North Carolina Convention. The Tennessee Conservative Convention has adopted a resolution, recommending the zomination of Mr. Johnson for the Presidency. The citizens of Boston have memoriaised the Senav. for the abolition of the Presidenoy. The Repubican in Pention in Ohio, sad the Democratic Convencour oraing the bonds in currency The Californis Legislature has recommended Congese to request the President io recumetiations for the angerstion of Brıtish Columbia Mr. Seward has issued a circular, adrising all American oitizens visiting Great Britain and Iretand during the suspension of the Hebeas Corpus Act in Ireland to procure passports from the State Department.

## 

Is the Honse of Lords on Thursday the Earl of MaLmesbery announced that Mr. Disraeli, having een entrusted with the duty of forming an Adminichanges had been mado in the Cabinet of whioh Lord Derby had been the head, and that the policy of the Government would continue to be what it had bee under the noble lord. Earl RUsseLE protested appinat the Governmont saying one thing and doing anothow se thay had in ine wits (Scotland) Bill was read second time. In answer to the Earl of Cardigas Longrord sid that the inventor of the Shrapuel LONGFOED said that the inventor of 88 yeare, and had received many large sums in addition by way of royelty.
In the Commons on Thureday Mr. Dreparat, who was loudly oheared by both wides of the House, described the ciroumstances under whion the QUREN had intrusted him wita toe dith orming an Administration. Hecould not whith self respect refuse the dnty thus pisced uprsonal reasons which might consoious of peculiar and personal reasons which might agrravate the ordinary dumculies of the task; but in acoupting to the gympathy of a genemus party, and to oolleasuas, to the sympatiy of a genemps party, and to
the impartiality of a Hotus in which he had ejpet
more than half his lifo. He then explained that tho polioy of the new Administration what
identical with that of Lord Derby's Cabinet, that their foreign polioy would be hat which had obtained for Lord stanley the approbation of the contidence of Furope- policy of pate, not a the confidence of
policy of peace at a policy of sympathy with forcizn natrons 25 well in domertir affairs, he sid with much cruphasio, they would follow "a LLbibrall 1 olly" (2 (2 remark which was

 pequired by the wants of tho age, but always bearing in mund that this may an ancient tistorice country
rich in traditionary influences, mhich were the bes security for order and liherty, and the most Faluabie
elements of our national life and strensth. He next touched on the Irwh quetion, and white re rerting the
 of Irelaud, Lord Mph irow would tako the earllest orllortuaity of stating the Irsh polcy of the Government in dotail. Ho concluded by expreasing regrot at the dialy of pablic business traused that his Giovernment Fould mpare no lobour to adrance public business, and would give orery rachity in hour pexer asked whether the

 carry on the busimnso the the countrs satisfartoriyid not deserve tho namo of narty. and wan little better than ing the (iorerument, had not invited the co-operation order that a strong and united Ministry might have been formed. Mr. HA RDT moved the second reading of the of whioh was to put an end to publio executions. Mr, Serjeant GlskLERR moved as an amendment months. Arter somo discussion, the amendment was nime. Mr. DIsRAELT, in moving the seoond reading one. Er. Etion Petitions and corrupt Practices at
Elections Bill ssaid that it was propsed to establish a new tribunal for the trial of election causes, to consist of two judges of the Superior Courts, to be nominated Fould be their duty to investigate controverted elections on the spot, and allo to act an members of
the Judicial Committee of Privy Council and of the Erohequer Chamber or any other Court of Apreal Tcuarks iy Mr GiADSTONE, the Bill was read a eittention to the failure of the negotiations with the Cnitcd States Government for arbitration of the Alabaman claims, and expressed his regret that Lord submit the matter to arbitration, had excepted the Lord STANLEY believed that, however strict had been the neutralty of this country, it would have fallen short of what was expeoted of them by the Northarn Ahich time would greatly simplify. The House was left sitting.

## City 䧺teligence.

## Mongy Mareit, Priday. - Beitish Funds

 Consols closed at 93 to 93i both for Money and Account ; New and Reduoed Three per Cents, 91 . Bank Stock, 249 to 251; Exohequer Bills, 10 s . to 15s.


 States 5-520 Bonds, 71 tik to

## 3 fictropolis and tts Vicinity. a meetiog of Volunterr come Rivinw. -On Tuesday Mather Tooms of the National Rifle Association in Pall mining the locality in which the parpose Of Meter Review for 1868 ghould be held. Three places hai been proposed-Dover, Brighton, and Portamouth and heo report of the conumittee whell had been as to the suitability of the ground, as well as to the sufficienoy of the means of trankport and acoommode tion, whas presented by Lord Ranelagh. The comccoount of the advantages it presents for a continn tion of regular troons with the Jofuntecers in the mancuurres, and because it will allow a great many priviege An amendment in favour of Brighton was mored and lost, and a reeolution adopting the racoinmen-  their arrival at Portsmonth will render souts on the glacis of the torn fortififations of Portsea and Portsmouth, and afterwards march past the reviowing

will commence where the Bilseas defensive lines guard the entrance to the island of Porkeat from he harburs
land orer the tidal channel which unites the liarbund of Portsmouth and Langston, Portsdown Hill and forts will be supposed to be in possession of the enemy who has surcessfully landed on the Sussex coast, and
who has now, as the next etep towards the capture of "ho her now, as the yext step towards the capture or
Portcmouth Dookyard and Arsenal completyly invested the Hilsea nosition. The defenders deter
 supported by gunboats, Re. The battle will be fought
out over the ground between the Hilseal lines and the out over the grown Hill, and will eventually terminate
crest of Portsow the
with the deat of the enemy and the relief of Portscrest
with
mouth

## The Clerkpmwlel Ontrage-On Thuesday

 Tınothy Desmond, William Desmond, Michael Barrett, and Anne Justice were again brough r Thomas Henry, and inally committed to Crmmat Court, for the wilful muruler of the persons killed by the explos.on at the house of bank Prison in a police van, attended, as usual, by strong escort of mounted and armed police, arriving a the court at the early hour of $80^{\circ}$ clock. They were at once taken before the chief magistrate, who had attended specially for that purpose. They were phaced at the Finglish complained that they were not in possossion of funds to pay the arpenses of their defence, arid wore Fould no doubt see that proper steps wero taken. They were then removed back to the van, which drove was brought up, and was also fully committed on the charge of treason-felony. Tuesday, at tho Clerkenwell Police Court, an Irishman, bamed thomas OHoran, aged 2 , who described charged with disclarging a loaded revolver at John Henry Hill and Porteus Maley, police-constable 215 S , Whke's If appeared that Jill who wis formerly a constable of tho $A$ division but is now retired, and living on an independent income, was turning out of Finsbury Square into C'hiswell Street, on his way home, when the prisoner suddenly appeared fired from a diatance of six yards. The bullet passed his right ear and oh Beoond shot followed, which also whizzed by his right ear. A third shot was then fired,
when shouts of "Murder!" and "Polsce!" bringing when shouts of Murder: and Polsce: bringing One of the two men tho catine up was a police man named Maley, who on being told what had
happened ran after the man with the revolyer, who happened. Raley and Hill seized him, and a degerate struggle ensued. The prisoner struggled to get his right arm free, and at last succeoded, fired over Hill's shoulder two shots at Maley, both of which missed him, but a piece of one of the caps went into Hill's
ere, whose face, as well as that of Maley, Was blackened by the powder. Another man then carne up, with whose asistance the prisoner was seonred and taken to the lock-up, where he expressed his Willingress to "do 10 years for this." The revolver in his possession was a new one with five chambers, all of which were empty, which was
accounted for by the five shots that had been fred. The police-sergeant, after the prisoner had been secured, went back and examined the spot, and on a gate-post, exactly opposite the spot where the first sho Tas fired, found the dent of a bullet. The prisoner who treated the matter with the qreatest indifference made no defence, and was committed for trial, but wil be brought up agan on Tuesday next for the comple tion of the depositions. The nolice have reason to believe that he was engaged in the Fenian rising in Lreland in the carly part of last year, and that since he came to this country he has been actively employed in the movement. It is said that Hill, one of the Fenians, and that, it is considered, is the reason why
Tyn Public Heater. - The Registrar-General's
Weeky Public Heatra. - The Registrar-General's trates thet in the weok thet ended on Saturigy United Kingdom. The annual rate of mortas of the 25 per 1000 persons living being 21 per 1000 is 87 in Birmingham ${ }^{2}$, 27 in Dublin, 20 an Bristo Leeds, 27 in Enall, 23 in Nemerefticld, 21 in and 33 in Glasgow. The rate in Vienna pon- 3 yne 1000 during the week ending the 2od ult. In London, the births of 1006 boys and 1118 girls, in all 2384 children, were registered in the weok. In average number, corrected for increase of population Was $22 \% 3$. The deatha registered in Londonduring the Feok were 1206. It was the ninth Freek of the year, and for increage of popolation deaths for that week, corrected for increase of population, was 1551. The present return
is, therefore, 280 below the entimated number.

## 73robintial.

Dovir.-The Belgran mail steamer Rlubis, from this
port to Ostend, ran on shore near Ostend on Thursday.
 ishing boats that usuaily work off
Calais was driven by strass of weather
The fisherman had let down his The fisherman had let down his nets it contained maynifice

## London; but at last tit

the place, and now the whele flitet of O-tend The quitted the Calars b leagues in breadth, and is withure eigel Backenberghe. It is said that the quant mis rox aysters is
Marext Wriogton.-On Sunday mani road leading from Cliff Cormmon athetion rail way to Cighlon wrapike roar, wheno meet, The neigh Jourhood is very lonedy. Mr. Micklethwaite, of Blackwood house 1 en ing at a quarter past 9 on Sunday morning ly
Fhen at 8 place about 500 yards Fhen at a place about bov yards rom the oimp the road, and a little further on the right h the road he found a thick hedgeatake, five reet longa and bloody at one and. searohing he discovered the body of a man in nearly covered with water, his head onl attitude of defence; the head pressantions spectacie. In addition to a dreadful round there was another st the back of the hami, the chin, and a very severe one on the rixnt head, dividing the ear, Alarm was inmed.ak
and the rural police, together with seren were immediately on the spot. The bods mis out of the water and conveyed to South Di. deceased Waas dressed as a workaig on
muah like a bricklayer, but not of every part of his attire being good. Ho mo 28 years old, weil built, mil height. His name is not yot knom
residence be disoovered, but in hi found two letters; one addresed "My Mrs. Driscoll,, "otheniam, Midalese son, Daniel Driscoll." To every appeanmin son, Dsien robbed.
TODMORDEN. - On Monday night am coramitted in this place by a weaver
Miles We therill. It appears that for some Miles Wetheril. . Wetherill had been paying his addresse
a servant living with the Rev. A. J. sonage, and in consequence of his
been discharged, and went baok to parents lived. On Saturday and Sunday appeared to have resolved on taking her late master and mistress, 88 mell 2 s mand, who was supposed to have tid or hiv night Mr. Plow bedroom, heard a nolve at the bails ceeded to the back of the linuse,
Wetherill with a pistol and haclet 10 man immediatcly snapped ${ }^{3}$ pital
 hatciet, but lur, Mow closins lis lobby of through the back door. . The servants, and the housemaid, cook, and num see what was the matter. Some The result was that Mr. Plow hall door, but not until he hal recelvet troi io wounds at the back of the head, and sumes top of the head, soverattou, and cther women also got out of tho nurderer baving locked the front and bacb door $T$ had sought shelter in the diwngeroon.
kept the murderer at bay by plang nat kept due murderer a ${ }^{\text {the }}$ dill, howerer, right arm through the door, and
lier, shooting her dead. IIe next trent armed hinself with a poker, und p Liv bedroom in which was lyup, him he could not co there, but he toll her her. Strippng down the be
Plow Plow but the ball did no
attauked her savazely witl evero scaip wounds, breaking mulurne her. Winle in the
blow at her his arm was arreet church organist, who had seed accompanied by two other we he oved and hivea owree pistols and a bli went to the house. He behared mit meant to do
 blood like a slaughter-house. The toinse dead behind the dining-room that their injuries a
Murder
And sar arainst the prisoner. Hho ma
and
would
he wweetheart

## Ireland．

 found against Captain Tagle and
prisoners
charged with
treasoun
 Mitaln ．ante an Ambercan onitecr of siowe

 tueria，the Goxeranient of that country Nit Heron for toin defence applied for $\bar{n}$ to remore the trial to the（2uenn＇s ancuad inas Judme Fititzgerald reftued urf in migo．entited to a mixed jury，bua
 on the ground that six of Werc not resitent in the
decided axaintst the bijection． ourt，and offired to serve on the
repeleed the interferences of 1 Mr． throuth whom the ofter was made． max auzin गhitecriat the bar，whene rane，curtutiuiuz the names of Hham wererel，and thrre of these，being

 or the pustponemunt on the under－
roceedines slould be rompoed by
 hn Montay a juror havng been
he trial of ．ugent，hho prosecution ho other cases were postponed，and the Captily Mackat．－The American has declined to all by counsel Captain rue name is Lomasney）on his trial， in Boston in the United States．
 We ate attach on the houss of the rov．Mr． the hall－door and thil resto of the
 that none of then actually penertated it．
tentered by a door only guarter of an ind through this threc bullets were
Tro Frip tris Berrevint Bsaracrss－
nein ot the military barraoks of Butte－
in the county of Cork，A loud explosion alarmed Niars wn ？qjicent to the magazine was discovered hyriforited by come explosive missile．
THMPT TM BURN A WAREHOUGE AT LTMMERICZ．－ ${ }^{14}$ memt ras made on Monday night to burn the it mis，Lhmerick，by throwing a bottle of explosive Eis Greek fire into the rear of the premises，
Her mis woon discovered，and extinguished before TRaEE IN Drblin，－On Thursday neek， ouse in fregg＇s Lane，of Sack sille Streot． r mysterious circumatances．A bullet iny information as to the crrcumstances
l．e rece．ved the wound． lane and four or five young men who mane been arrested，and two of them in opers，and headed＂＂God cave Ireland，＂ atiention of a passer－by was attracted by
shming in the kennel，and on examination Ted to be a revolver，one of the chambers heen recently discharycd．The wounded to the hospital，where he died on
he result of the wound．He adhered give statement farst made by him，that the shot wis firel．The
Mitchell on the Prospects of Str．John Mutchell，to whom the leader－ miten a long letter to Mr．John Martin，
Midel for his participation in the funcral ub．10，explaning his reasons for declin－
He says that in the United States all tu＂confusion and disarray；＂the mh．and，for any Irish purpore， $1 s$ com
Th．s is not，however，because of the at wheh sot，however，because of the
ongmal Fice of the oreanis mation itself． ，upon the project of immediate snsur－ project of immediate nsur－
England was at peace－
Statew，contrary to t！ell
ands，was in stself fwild，
pry of the Fralse pretences have been ＂Thinstuberately oldeating each other a Were taught，to believe Stephens＇s
taught to believe that in Americs there was a great
and powerful Irish nation with unlimitod resources and powerful Irish nation，with unlimitod resourcea， and army and navy both willing and able to give thei He assert．however，the United States Governmenti， divotion enowither， the work lies ready for it，＂but this cancot be done whinly because the＂government of the country in not suffer that，and is able to hindar and bound to hander that＂The American Goverament，he further states，＂las its hand firmly upon the whole rovement， but it has made use of it，by holding it up in terrorem omplant in the diplonatie discuswns which are going on between London and Waskington．
THE ORANGE PROCESSION IN THE NORTH．－At Roman Catholics and Protestants plesied nuiber of breach of the Party Processions Act，and were dis－ discharged on their own recognisances，to come up for sentence when required，Mr．William Johnston，of Ballykiber，Grand Master of County Down and Grand erretary for freland，who was charged with participat refused to plead guilty，and was put on his tris， declining to taka a seat elsentiere than in the dock The jury found ham pultty，and on Saturday ho was in passing sentence stating that his not pleading guity had prevented the Cronn from dealing with him as it had done with other traveraers，against whom it since mer jolnston has suce memorialised the Lord－Lieutenant，and agreod discarged from custody．Before they separated the grand jury passed a resolution，expressing disapproba－ tion of party processions，as cilculated to create disturbances and perpotuate ansmonities umong her Majesty＇s subjects，and pledging themselves to discour－ age such iliegal nots．
Arrest of Mr．Train in Dublin．－Mr．Train， Who was to deliver a lecture in Dublin on Tuesday night，was arrested in Nassau Street，as he was going to the Rotunda，for an old debt on b judgment obtained
by Messrg．Crickmer \＆Co．of Jondon，for goods supplied to him in connection with his tramway scheme．About 500 persons had assembled to hear his lecture，and when the arrest was announced to them by＇Train＇s agent，the audience demanded their money and the agent refused．The sudience became greatly excited and denounced Train as a
swindler．The agent promised to make some arrange－ ment．Lrain has been taken to the Four Courts， Marshalsea．

## Oリtuavy


borlatin of the King of Holland，and Minister Planipotantiary
 2d iust．，in his Toth year He wasformerly Socretary of Lega－
tion tut Copenhagen，＊tockholas，Herlin，And Wiemas，and for

 resigned after having taken an dibtingudinhed part in the meat alreq which led to the modification of the Conatitution of the
Crumtry He was a Knight Grand Cross of the Ordor of the
Vutherlands Lion，of the Luxembary order of the Oaken C＇rowne，and of senceral frreign（ Orders
his town residence in Ficcadily，from on Wednesday last at his his sith year．Hıs Lordship，the Right Hua．Apchibais the thifiri Earl，loy lus gecond wife，tho only daughter of Sir Scotch honours on the deatro of his father in 1814 ．Ho was thice naarried－first in 1818 ，to the second daughter of the Hon． 1815），and socondiy，in 1813 ，to the Hon．Aune Margaret
Anson，clicest daughter of the first biscount Ansin By his
first marriago lue leaves survaring issue a dzughter，Lady
 Pust Office in Scoti und；and by his second marriage he leaves Earl was created a peer of tho V＂uted Kundomin isgs，by the was a baronet of Nowa scoti，crate i in 1631 ．Fins anme years He was Lerd－Lieutulaint of Linlitigumghire，but resigned the
offio a fow ycuna ago．He was one of the Beniorknights of the
Order of the Thistie．He is eucceeded in hig titles and eatates Order of the thistie．Ho is aucceeded in hiq tities and eatatas
 having boon born in May， $184^{\circ}$ ． ness，in hin 79 th year．Bo was born in 1，S9，and cntered the latyy at 11 yeara of sge．Ifo was the son of Captain George
Anson Byrun，R．N．，gecond mon of the Hon Admiral Byron，
 Jarghter of Mr．Robert Dallas，of Dillas Castle，Jamnica．In
1516 ho Married the danghter of the late Mr．Sncheverel－
Chnados Pole，of Rudbourae，Derby inire，by whom he lenves a numerous family．Mo succeederl to tho titio in April，1824， Admiml on the reserved half pay list，having attained the
 apponted an extri Lord in Waiting He is succeeded in the
furly Lonk hrs hy his eldest son，George Anson，born in 1818 ， William Wexcounh，rector of Langford．He was formerly
the army，aud，as Captain of the luth Foot，Jetared in 1843 ．
Fits－Tilce will of Vice A imiral sio Willam Bickson，


## flatates．

COVENT GARDEN．－Marce T．
Prices，supply，and quality have altared but little dince our
lant report；freign produce is，however，a little in oxcoss of last report；foreigm produce is，however，a little in oxcoss of
the demand for it，Pino－apples are now roalising good prices
as are also hothonse Grapes．Strawberrien coutinue to
 resife aboat 100, and Spanish Hasel Nuts for planting lina，
per buahol．Corninh Broccoll is plentiful thad good．Potatos
 Pettia pulcherrima and Hoses TRUIT，
Apples，par bulbal，4s to 80｜Pears，par dos， 6 ，to 10 s Grapes，per lb．88 to 18s $\quad$ Chestaples，por lho， 68 to 108 Lemons，per 100，尔 to 100 Strawberies p．0z． 38.0 d to ts Oranges，new，per 100，年 to 74 Walnuth，per buahel，10s to Sor VEGEIABLES．
Artiohokes，per doz， 2 a to 3 s ／Mint，per bunch，Is Asparagris per burdile， 8 s to 208 Beans，Kiduey，p， $100,2 s$ to 35 Cabbsers，par dos，Is to Is da Carrota，per bunch， $6 d$ to 8 d
Celcry，per bundfo，is to 18 d

 Horse per bunch，ad to su
 Oufuns，per buskol， 3 B to to Parmips，par doz od to 18 Puralioy，par bunch，ed to «d Beakale，p．punn， $2 s$ to 3 m


POTATOS．－SOotewarz，Monday，March 2.
Doring the woek the errivals cosstwise and from abrowd have been more than equal to the cemand，and trede siow， 1408．to 170 s ．；da．Regents， 1304 ，to 160 n, ；do．Rocler， 120 s 0 130s．；Lincolnshire Regents，I3ऐs，to 150s．；Dunbar and
 French and Belcian Whites，908，to 1003

## COALS，－March 4


 Hetton，17s．3d，Walls Kind Breddyli＇s Hetton， 16 s ．Fouth End Hartiopoo， 163 ， 6 ．；Walle Fnd Hough Hall， 168.90 ． Walls Find Kelloo，16s；Walla Fnd Fast Hartiepool，17s． Walls End South Kelloe，16s
Slupa at market， 46 ；mold， 35.

## ENGLISII WOOI，

Consumera baving stocked thomsselves pretty frealy，for oheck．Fe believe，however，that this will not last long，and that we shall soon soe s further improvement．


## metrupolitan camtle market

MoxdAy，March 2
The number of Beasts is exactly the aame as on Monday last．Trade is by no means brisk，but that day＇s quotations sime as last wook ；the demand hap，however，improved，and on the average prices are better．Calves ara not quite
so dear．Our foreign erpply consists of 820 Beasts， 1300 Sheep， 82 Calves，and 80 P gs ；from Rootland there are 381 Baasts；from Ireland，I10；from Norfolk and Suffolk， 1500 ； and 579 from the No

Beaste， 3590 ；$\ddot{\text { Bheop \＆L Lambs，} 10,850 \text { ；Calven，} 95 ; ~ P i g u s ~} 410$.
Trupanay，March 5
We have a short supply of Beadta，and they aro conso－
quently roadily disposed of at fully Monday＇s raten Wo how quently reading diaposed but the dernand is also good，and prices are woll supported．The tone of the matkot genomitily has improve
foredgn supp
and 5 niga．$^{2}$


MARK LANE－Monday，March 2
Thu supply of Wheat from Bosex and Kent to this monninges at a decling of 16 ．to 28 ，per gr．from thy prion of thil wh

## THE GARDENERS＇CHRONICLE AND AGRICULTURAL GAZETTE


 in forelgn Whent：；© do not alter our quibtation，but in oome

 very little business doing．

Whzat，Essex，Kent，Suffulk．Whtto \％o－is Red．



二 Scotch and Lincolnshire．．．Fotrito 25 RTE
RYE MrAI
Preig Poland and brew $25-33^{3}$ Feed Foregn Rre mpat Foreign
MFANs，M，Mzagal．

 －Maplu， 41 s to $45{ }^{5}$
FLoL R，bein marke deliver 2 d ditto

## por racik $59-64$

## 

 Fridar，March 6.Wo have axperienced repented gales，accompanied by heavy raln，during the early part of the weck；but since then we
have had 3 few fine daya with a higlh temperature for the time of year．The dulnesa in the trade throughout the country，noticed at the close of the precoling week，has con－
tinued and eren facreaserf，reautiong in a general deeline of la tinued and aren ncreased，reaniting in a peneral dedinco of is．
to 2．per qr，on Wheat，both for home grown and foreigh， Corn have been equally neglecter，and prices were in most
 tendenery of prices having continised duwnwards．The arrivals of grain and seed－iaden veascls of the coant during the weel
consinted of 122 cargoes，of which，with thoee left over from Hast week，there romalned for sale lat sight 80 cargoes． Fheat cargoes off the coant，buyers held back in tho carly part of the week，but as the French marketa whowed more tone during the last iny ar two more disposition to purchase，so that is falr busincea resulted，at a decline of 2 s per qr．on the
weck．Of Maizo there was nothing on offer Barley and liye pansage nad for forward shipment，wheat was very quict Paize a dull sale，Burley and Fiye nominaty wasltered，Lin－ sood，Rapeaced，and Cotronseed quict．
The arrivala of grain，both English and forcign，this week this rooning＇s market，and English stands were tolerably dieposition was evinced to purchase forcign，and previous quotationa wero realised on tho businean transacted．Several bolng doutined for the Continent．Spring Corm wra steady at

|  | Whe．t． | Barley | Oate | Flour． |
| :---: | :---: | :---: | :---: | :---: |
| Fingitich <br> Irial ．． | $1090 \text { yrs. }$ | $420 \text { वृ" }$ |  | 910 sks． |
| Foreign．． | 7510 | 2880 | 12，350 | $\left\{\begin{array}{l} 44: 100 \\ 3190 \mathrm{brls} \end{array}\right.$ |
|  | 8530 | 2900 | 12.410 |  |

Luvinpool，Tuesday，March 3．－To－day＇s market was only varf moderatoly attended，and in wheat very few trans week．Flour fractive，and Ine to 1s．© 8 ．per per cental on the the weok．Indian Corn in Hmited requeat，at a decline on ls．od．per qr．from the ratca of this day week．oats rather
dearer．Ontmeal 3d， dearer．Ontmeal 3d．per lond eatier．Egyptian Beans in fair request，at 6d．per qr．decline．Peas，Barley，and Malt unchapgod，
Friday，March o．－The market was moileratoly attended Whant and Flour slow eale，at barely Tuesdny＇s rateat Beans， requeat，at 18．per gr．sdrance：mif white，418．

## Jan． 25 Feb．$\quad 1$ $=15$ $=120$ $=20$

| Aftraozs． |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Whest． | Baricy． | Oats． |
| Jan． 25 ．． | 728 4d | 42860 |  |
| Feb． 1 ．． | 726 | 424 | $2511$ |
| － 8. | 734 | 42 F | 280 |
| － 15. | 730 | 125 | 25 p |
| 二 28. | 7511 | 439 | 20.2 |
| － 20. |  | 425 | 269 |
| Age Averamo | 735 | 42 |  |

yozs－Bonovery Mascer，Friday，Marel 6
per dozen lb．
Beat Fresh Butter
Pork ${ }^{3}$ ．
Smaili Iork， 45 ，4d，to＂ 4 s ，bri i Lirge
WU ANTED，A HEAD GARDENER（WORKING），


## Wanted immediately

Nurrery of aboue to ATELY，a FOREMAN in a


W ANTED，a WOBKING FOREMAD，to take rharge




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 hey can to the absence of tho grinclpal yono neod appily unless
V AN IED，as GARDENER，a practicul Han who
ANED，as GARUENER，R Practical Man Hho
W ANTED，a GARUENER，used io Glass，not over 40，


W AREED，Young in as HARD－WOODED

WANTED，a atcadi，artive YOJNG MAN，WMIl up in
NTED，a batlify，to take charge of Garden，
W ANTED，BATLIFR，to take oharge of Garden，

W AMTED，on An Estate in Wilts，a HFAD

 $\mathrm{W}_{\text {ant }}^{\text {ANTED，a M M }}$ and WIFE，without incumbrance，




WANT PLACES．－Letters to be Post Paid． H XPERIENCED GARDENERS（or as GARDENRE
 IIR．WM．P．ULL begs to announce that he has
 qualticatios，who aro open to engasemants．－Tho fullest particulare application Ful＇s Nursel wresth，Cowd ho

## To Gardeners and Baliftit（Head，Foremen，or Under）．

 J AMEs CARTER AND CO，having many applications
Only those who ean send unquestionsble references neod apply．



## To Noblemen and Gentlemen．

A MBROSE SANDFILS，having pompleted a service of




（ARDENER（Hran），－Age 25 ；thoronghly under－ Ehanda his propeasion In all its branchos．Three years＇sood
charctor－W，F，Post Uffie，gheet，Hante． GARDENER（IIRAD），Age 30，married，no incum－ Good reforenco，－33． $\mathbf{A}, 18$ ，Dore Street，Knowledge of hala profession． （ARDENER（HEAD），－Age 30，married，one child： Throe years good character from prosent situatfola branobes．
CARDENER（HEAD），－Age 26；thoroughly under－ from last nituation－J．M．，Mr．Wm．Klng＇h，High Stroat Nurleries，
G the ganden of then Duke of Seren years＇Head Foreman in

（1 ARDENER（HPAD）．－Agt $4 \overline{6}$ married，no incum－
（HADSNEX（HEAD），－Age 28，Bingle；thoronghly



W Anted，a reespectable YOUNG MAN，to take





 $G$ ARDENER（HRAD）．－Mesar Bumble
 C ARDENER（Hzan），or BALLiLE






 （TRDENER（HRA］WFORNiNG）－A
 （YARDENER（IIEAd H ORRI
 CARDENER（HEAI）or Singir R－RANDep）－ Ölee，Aylesford，Kent．
CARDENER（HFAD or StNGLE－HAMmi）， goneral Forcing，Excellent ch
（TARDENER（HRAD），where two or mpe
 （ARDENER（HEAD），
 Post UTHe
（ ARDENER
CARDENER，


TOUEMAN．

TOREMAN（WOHKI，G）．－A teady，und Dint In En yeara＇extensive practice of ITrgthon and Dra


1OREMAN（or SECoNn）－Age $2_{10}^{\prime \prime}$ silkt 10 gears＇frst－clnss exporience in vine and 0 tiant branches．Good character．$-\mathbb{E} 0,22$ ，Strand Twin THWARD（to Gentleman Farmer），-36 theoregical，Fiy proncient in and Broding Farm promid
mangernent would be expected．Share of prota

 FARM BAILEFF．－Thoroughy une HSTATE or FARM BAILIFF，unde

（TARDENER（HEAD）－Age 30 ，martied，to meum－

CARDENEU（HMAD），to any Lady or Gentleman

$G$ ARDENER（HgaD），－Age 36，married，Emali family
 Kitchoa，and Fower Gardening，Stape Aod Greenhouso Phants and
J．H，Bowien Fark，Cbippenliurn．
$\mathrm{G}^{\text {ARDENEK（HeAn）to any Nobleman or Tientleman．}}$



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## The Garoenerg' Chromicle selagpaper.

SATURDAY, MARCH 14, 1868.

II Hot. Water Enoineerg T H E R 8 , taprooted principipost
$15, \mathrm{im}$, Tnten Street, Horough, London, 8.E.

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 hamer Fmpanos is obtarned whilet the interior of tha house
 at hed fon appleation, wth a stamp enclased for " h . anamag is Co, Hort.cultural Builders, Darlingtod

## HOT-WATER PIPES AND FITTINGS.

(BEST QUALITY.)

J. JONES \& SONS,
jron mercliants, fi, bankside, sorthwark, london, s e.
no CREDIT. NO Discount ob abatement. No delivery.
Price Lists, with Terms for Greltit, on application. Special Prices for Cowntry Deliverios.

## HOTHOUSES FOR THE MILLION, ARE SUBSTANTIAL, CHEAP, AND EASILY FIXED.

SPaN-ROOF HOUSES, of well-sensoned Red Deal, Glayed with good English Sheet Glass, and Painted three coats, with complete Ventilation all over Roof, necessary and and Water Gutters, put on Ril in LONDON, GLOLCESTER, COVENTRY, ULVERSTONE, PAISLEY, or ABERDEEN.
10 to 16 feet wide inside, at 16 s , to 24 s . per foot run; to 26 feet wide in one Span, $£ 2$ per foot. Glazed Ends, from fB. ILILUSTRATED CIRCUI,ARS, with full proticulars, definite prices, and sizes, free on application.


> ORNAMENTAL CONSERVATORIES, GREENIIOUSES, HINRIEES, PEACII IOUSES, WALL-TREE COVERS, GORUING PIS, PINE STOVES, ORCHARD HOUSES, TO ANY BTYLE OR DESIGN.

4n fisterm of Bualding has been exteuded to form large WINTER GARDENS, covenng a great area, at a low cost; the produce of which, in a fow years' time, would Sur lenem about, repay the orginal cost.
*ming elegene to form New Gerdens can be advised the best method of arranging these Glass Roofs for all Horticultural purposes, and as Boundaries in place of Walls, As Estimatcs given for erery description of Horticultural Building, and for Heating Apparatus complete.
HEREMAN aND MORTON, 7, PALL MALL EAST, LONDON, S.W.

[^45]THE GARDENERS CHRONICLE AND AGRICULTURAL GAZETTE

## THE AUTOMATON LAWN MOWER． <br> Prices of ther



UPWARDS OF 1000 SOLD THE FIRST RANSOMES AND SIMS，ORWELE WORKS，IPSWICH inches ＂＂ ＂ ，
Free Delivery to all Stations in Ergland． applicatın


AUTOMATON MOWERS．

R．AND S to perform their work perfectly，and if not approved of，they may be returned，Carriage Paid，within a month．Those sold last season gave the greatest satisfaction．Ilustrated Lists and numerous Testimonulls on

WIRE WORK FOR GARDENS AND CONSERVATORIES．


WIRE WORK for ROSERIES，SUMMER HOUSES，GARDEN BORDERING，TRAINERS，FENCING， SUSPENDING BASKETS，AYIARIES and PHEASANTRIES，ARCHWAYS，TRELLIS WORK for CREEPERS，TEMPLES，ORN YMENTAL WIRE FLOWER STANDS，\＆C．

PAXTON＇S BTRAWBERRY CRINOLINE，for preserving Strawberries from Slugs，contact with the soil， superfluous moisture，aud other nuisances．
ILLUSTRATED CATALOGUES OF HORTICULTURAL WIRE WORK FREE ON APPLICATION．

## R．HOLLIDAY，

Practical wire worker，2a，portobello terrace，notting hill gate，w．

## GRAY＇S OVAL TUBULAR BOILER．

INTERNATIONAL EXHIBITION，Class IX．，No． 2119.
Mr．GRAY bega to call the attention of the Nobility，Gentry，Nurserymen，Gardeners，\＆e．，to his NEW OVAL TUBULAR BOILRR，
Acknowledged by practioal judges to be a great improvement on every form of Tubular Boiler yet introduced． It has proved itself superior to all other Boilers for quickness of action and economy of Fuel，doing its work with one－third lees the amount required by any other．

Extraet from Roport in Gardeners＇Chronicle of International Rxhibition，May 24，1862，page 476.



路 They are mads of all sues，which，with prices，may be hal on application．
JAMES GRAY，HORTICULTURAL WORKS，
DANVERS STREET，PAULTON＇S SQUARE，KING＇S ROAD，CHELSEA，S．W．
PORTABLE AND FIXED HOT－WATER APPARATUS，
FOR HEATING CONSERVATORIES，HOTHOUSES，CHURCHES，PUBLIC BUIEDINGS，PRIVATE


TEUSS＇S PATENT UNIVERSAL FLFXEBIT AND JIEAKLTESS PIPE－JOINTR．

## T．S．TRUSS

Begy to state that the immense number of APPARATUS annually Deaigned and Erected by him in all parts o the kingdom，and for the ROYAL HOBTICULTURAL SOCIETY at SOUTH KENSINGTON and CHISWICK with unrivalled satıfaction，is a guarantee for skill of design，superior materials，and good workmanship：whle the joints with neatness of appoarance；EFFECTS A SAVING OF 25 PER OENT，consisting of perfectly turht compared with other syatems；facility for extensions，alterations or removals without ionjury to Pipes or Joints， can be crected by any Gardener；an orlinary size Apparatus erected in one day and PERFECTNESS of delvered to any Radway Station in England，and Erected ot that London，railway fare for one man additional．Considerable reduction on larce prices．Erection beyond 25 miles oti TWO FOUR－INCH PIPES ALONG ONE SIDE AND ONE END OF HUUSE．

## Size of Bonse．

20 frett by 10 feet
30 fect by 12 feet 40 feut by 15 feet

Appantur Campleto．


| 15 | 15 | 0 | $\therefore$ | 2 | 10 | 0 | 75 | 7 |
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Bath and Gas Wrork erected in town or country．The Trade Supplied
Elortioultural Butidings of every descriptton from 15 ，6d．per foot superficial，inclusive of Brichwork，
T．S．TRUSS，O．Price Lists，Plans，and Estimates forwarded on applieation to
fria Consulting Hortioultural Enginerr，\＆c．，Sole Manofacturer， L，BLACKFRIARS ROAD，LONDON，S．E

Eraction 30
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Plans and Estimates fres on application，Doortpum JaYris CaAMBrow，Architect，Birmingham．
 Creenhouses－Erating Apparath
 STRAWGERRY
HOUSES HINERIES
o W
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CUCUMEER and
NELON HOUSES
THE ONLY PRIZE MEDAL AWARDE THE ONLY PRIZE MEDAL AWARDPE



 glass，Ry， $9 x$ zus，and 12，par foot run．
In HEATING wo are pre－on ne tand hasa pasore an to works in all parts or the hivgdom wh．ch bafo been esectest
Careful personal attention is given to al order，wh tr

 Our Fntented arrangements may be soen＂驾mod

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HOTHOUSES，CONSEBVITORIES，
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 descriptions of Horticulturai Burldiggs to be ston ${ }^{24}$ y
（TREENBOUSES，SPIN or LEAN．TO， 3
 SMI＇TH＇S，Hotwoune BuIwcre Thamham Gropi＂ $\begin{array}{ll}0 & 0 \\ 5 & 0\end{array}$ 00
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OULE＇S WARMING APPARATUE，$\rightarrow$ no
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 GREE RHOURES made to
palnted fitted togethor read

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bo made to the Manager，20，Bedford Street HLKDLES（Su，Fer Medal of the Rojal SBEER，Sa，bd，CATTLEEAR 2d；OX，Be 11d

Hortlcultnral Glass Warehouse．
THOMAS MI LILINGTON AND CO．
 ORCHARD－HOUSE SIZES

## 㯖 <br> Thall SERET SOUARES， 1602 per 100 foot

 Per 100 fat．
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h Andor forting up，averaging from 6 to 0 foet rupor


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J AMES MAY Wod Labels，Wood Labale
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 $\mathrm{R}^{\text {USTIC FENCING．－S Screral Thous．nd }}$ SCOTCH


EOWLER＇S PATENT STEAM PLOTGH and


## E．．ana ston


 Warranysd，without which none ara goncine．



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 $80, \mathrm{~K}$ tig＇s Rond．
B EAUTIFGL COLOURED DRAWINGS by


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ratest and Cheapest Bdition of Loudon＇Gardening． IOUDON＇
 Youatt on the Eorse，Edited by Watson．
 Woaleut Illuwrations．
YOUATT on the DOG．Sim，Wredeuts，Gs，mals allos bo had

London：Loneynns，Gherin，\＆Co．，Patarnoster Row，ELC．








Grass seeds－When，and what to sow．


 $\mathrm{T}^{\mathrm{HE}}$ Liverporn and I（NXI）N and GLOBE




## THE LANDS IMPROYEVEXT COMPANY，

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 Landorman puaze





## 3yme xretos．

The Covrr．－On Friday the（Queen held a Court at
 Bararian Mimster．Contht Hompesch，the Chinan


 which numerous presentat，ons twh Ihw Her
 the Great Western Railway．On Saturday morning the Queen walked in the grounds，and drove out in the afternoon．On Sunday the Queen and Royal family attended Divine service in the private chapel．The Rev．T J．Rowsell preached the sermon．On Monday morning the Queen waiken in the grounds，and drove out in the afternoon．Prince ．irthir left the Castle for Greenusich Park Oa Tuestay the Queen recesved in State the Hord Mayor，the Sheritfs，and a deputa－ tion consisting of six Allermen aud upwards of 100 Common Counciluen of the City of Loudon，who presented am Address from the Corporation on the subject of the Fenian outrages．Tae Queen afterwards drove to Clyvelen，and wisted the Dowayer Ducheas of Sutherland．Princess Louish On Wednesday morning the Queen walked in the grounds，and afterwards drove from London On Thur arrived at Buekinghan P＇lare from Windsor，and in the afternoon held the first Iriwn la？Room of the Season，hasch was very numerously attendel．Ther Sajesty afterwards returned to indour turday evening the lrince went to the conversazaone of tiae Royal Society at Burlungton Houre．On Suuday morving the Prince and Princes attendid Disne eer－ mormiap the Prince anal fricesancel The bisluop of hilmorepreached the seriuns on Nonduat the Trice bvenang the Yrnce and Princess gave，whutr and evening party，in honour of their wend．ug dy（90 Thurshly atternoon the Prome an hrace－s went to
 by the Duhe of Cambrdge，visited Christ＇s Hospital，to see the public supper of the chuldren．Yesterday uorning the Prince left town for Althorp，Northamp－ tonshire，on a visit to the Earl and Countess Spencer．
Visit of the Pbince of Wares to Irbland－ It is announced that the Prince of recess．His pay a visit to Ireland during the Easter recess．Lord Lieutenant，who will give a series of grand enter－ tainments in honour of the Prince at the Viceregal Court．The prinempal objeot of the Royal visit is the Courtallation of hic Royal Highness as a Knight of the Order of St Patrick，for which purpose a grand chapter will he held．The unstallation will be cele－ brated in．St．Patrecks Casthedral witi all the splenduur which it is possible to bestow on the ceremonial，and in the evening his Roral Highness will be enturtained at \＆bavount in st．Patrick＇s Halt

Tue Cabinet．－A（＇abinet Counnll was held on Saturday at the offictal residence of the First Jord of










 Kind dom, by that titlo of Brarand ON Neili
 Mas re-lected on Saturday for North, Northamptonshire, without opposition. The Marquis of Lorne was
delectood last week for $A$ arxylestire, without opposition.
 death of Mr Cresland, Mr. E A. Leatham, is a candidate for the varant sent in the odvancol Liberal Iniberatil cand id tato for Sor Suth Deeron at the next general elootion
The Yen Tre-chaterion-Mr. Gerrge Mark-
 in the mom on sir W. Pang Wond
Thr Fivance Mintitrr of IDDIA-Sir Richand
 Finance Minist
of $M$ Ir. Masseg.

## foreign.

Frarce-The HToniteur of Wodinasday praises the
 to the Alabama question, sad sarys that "Lord Statiley nature wiich reader destrable an completete harmony between Enolland and the reat Americon harmobyy,
 in it bulbetin syys:-


 dienta ine Preas Bin was rasumed. A nora artolel for hibel with regardid to patarars of private lifer whas
 tions mado by the i, in consealuence of the accusations mado by tho Pays, askold for explisnations respecting the ralations between that jour apal and the
Goverument.
The
Chamber Goverament. The Chamber deel ined any firlther
discususion on the subject. In the sittine of Yound the debate on the Press Bill was resumed. Ather the rejection of sererml amondments, and the
 to tha Army Contingent was sthen passed by a maioiority


 it the Letivative Chamber. Tha Chanbert then oforived
 The discuspion on the Bill relative to the rophit of holdin,


 12 expendituru orver rop renme purpones. The incease of ${ }_{38}$ expenditure for mili ions, or 33 military extruordinary Budzet the the more thana in thite In the
 ${ }^{21}$ for naval purposes Oo Tuesdas tho the Press and the miltary contingent were rifid before
 Mivocacy money axainst several of the Parrs papers principal document, wulth mentioned the the nam the



 of his recont neartions. As he he has not toonuthlitel with Leerislativiro Boosy they have dopmanded perraisiotion of the ${ }^{\text {tional }}$ Tribunal of Policsecut wich has appointed Friday,
tho 2 2th inst, for tho trial. Thero have been some Yatinnal Garde Mobile. The Mononiteur says they were ann suppressed by the energy and promptithat or the ins mensures have been conducted ina a peacefilul and autemame
Algert - Leteters from Alyiers stato that the
 for France with the intention of urgently demanding
 Copenhayen to-morrow by way or Mamburr, Munioh
and Trieste, for Athens, whlere ho intends to remain

PBR sifl- - Prince Yapoleon risted Potsdam on Tuesday, and in the evening dined with Lord Augustus
Loftus, the English Ambassdor, who gure a rrand
 Count Bismarck. His Impererial 1 lishners has has han

 Yooday. The Clustoms and Comuercrial 'reaty with
Austria was signed oo 1 IIonday at the office of the Chancery of the Torth German Confederation. The ratifration of this trenty, will be effected within two inn by the let of June, by which time it it expected that Meaklenburz will have joined the Zollvercin Tha legal committeo of the North German Feleral virncel on en ednosday discusesd the reeent reaty emmprants. On the sume day the committee ciharreed thmulie preparation of a uniform lavy of civil proces subject of the abolition of $i$ mprisonment tor debt into consideration. Count Bismarck has addresed a report to the King, statint that, on account of the late perio the Customs' Parliament have been fived to takerg to the Customs Parilament have been tived to take place,
the oonening of the Parliament in the lattoe half of March cannot berecoumendel. At the same time he por the 7th instt, and the North German Parlimenal for the e2.d. The report is followed by a Royal decreo approving these proposals.
ADSRRA-Th De Deiegation of the Austrian Reichs-
 recommended by the Committe for the new fortulitathion works. The Minister of War thanked the Dele.
gation gation for this yote, and for the smount granted for
 tutional deovelopment of Austrias bo misobievousily intertered with. The Delegation voted the supplementary Brdget of oxpeanditure, the amount bbiong
 the proposals of the Committoe on far maintain. at Rome were adopted Daxny an 1 the tabasy trin hours on the Roman Embassy. Court.Counn cillor Falke, the Government Commissioner. conmbated the opinion which had been expressed that the maintenance of the post or Ambsssador at Rome could te looked upon as implying hostile intontiong towards undert tanding eri tod bet ween Austrra and Italy, and that the greatest importance was attached to the future
 the representative of the Goverament, replied as follows, in the name of the Minister for Forelign Afrairs to the consure oast by begeralal previous speakers upon the Govermment for the policy 1 had pursuec in the German and Easterta questions





In the $\begin{aligned} & \text { iiting } \\ & \text { of the } \\ & \text { Ln wer }\end{aligned}$ rath, on Thursday, the Mowister of of Justice brouvah
 ins:solution of the Stante Council in ury laws and the by the Governmont rere orendil a third tha timene and proposed HINGARY-Th He Hungrian Died tima and pased itrir:- The dehato in the Cha
 cirrency was resumed on Frday and continued untid speecaches:- Tho following is a summary of the principal Count car


\section*{ <br>  <br> $|$| In |
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} Papal Sratess.-The Italiali 3nd Paps frontler, and concluled an armangenn for es brigandare on the Italian and Papl. Geneml Pallavicini will direct the mperst on yesterday for the creation of nine Cari.na Lucien Bonaparte was first in a special and
the frontier province of Campan been given to expedite the completion of the fo tions of Cnstel St. Angalo and Mount Areata
expeoted that Signor Guglielmi, the Drechi-di axpeoted that Signor Guglielmi, the Purad Mios
of the Monte di Pieta, will be appointed
Commerce and Puhlic Commerce and Public Fork
teers for the l'ontitima army
who lately returned to France hare carns, selvee to return to Romn whenever sum marriage has been arranged betwean hacis th the Princess Marie Antoinette

## has left Rome for Vienmz

approaching confinement of the Dimpress
The Canadian Volunteors arrived st Rome ax were recenved on the same dsy by the hem his benediction
RUSSIA. - [t is reported that the Enper will pay a visit to St. Petersburg in June.
fetes and a review of 100,000 men will be pre his Majesty's reception.
of the year is stated
and the expenditure at $1-5,0,0 \mathrm{~m})(\mathrm{m}(\mathrm{m})$
railway works. As compared wr
expenditure of $3,000,1$ increase roubles
Moroceo.-Accourits from Ta
thousands of familins from the $R$ destitution, have flocked into th
ult, at the invitation of l'resident Johnenn as Secre-
tars of War ad interm. On the 2oth ult. the I'resi-

To the ravayes of lunger are
$\varepsilon_{\text {, }}$ dysentery, and cholera.
ever of an ageravated character unsz, in consequence of the famine e are not allowed to lanil at Malts. weatal werondary mominations lave been in in the Jumbistration at ConstanConncullor of the Turkish Arinuralty rank of larha, with a salary of bous eft ement of the Cretan question by thenr Amhassadors, now belng held : mers. with si, (MN lire on board, have left or the purpose of transjoortink emigrant with fands for their immediates wants. taben place off Sinope, betwecn the bth English built. The former went mediately, and up
Eryptian troops have yet returned A reminorcentent, consisting of $2 \boldsymbol{N}$ amez a few daj apo for Ma-sowalı
any more wero to leape in three or

Letters from Magdala to January 1 Themere was within one daysmarch The king had sent a friendy mesagge
and an assurance that ho was only and an assurance that he should mect lis conntrymen ing good health up to the 30th of British forces has occupied Antalo On the 2lat February Sir Robert two marclies beyond Attegerat,
and mas likely to remain for soveral he advance of more tronps, and of sere delayed by the deficiency of the
Kassai was to meet Sir Robert

Kassai was to meet Sir Robert th ult., but it was doubtful whether
lows to do so. It was again asserted had adranced on Magdala, and that close to Iosta, and advancing on Magdala no wa engaged as Amharic dragoman, has en to quat the expedition and return to

## tratir-The Government has resolved

Angelo, the . frican traveller, to the
$n$ that district. Mr. Angelo will be
means with which, if possible, to effect
ent, but it is not yet decided whet

areve
hus own personal sofety is concerned, vibe, to most of whom he

Un Hope - News has rparhed the is protection and control over the twas nuderstood that the protectorate Gowlesh's by the appointment of a British ald be taxped to and thaticient extent to denue for mantaining the protectorate. the Free State, to suspend hostilaties da been recelved of the death of Mr aderson, the traveller, in the the of Mr po Land, bordering on the ssjons
invern
nur jetties in the contracted for the aptain Cunningham's sentence has rrasion of Burprisoner released. The It preyt of Burmah proper by Shans has The new route to Western China has abandoned. I'nsntintaders to the good faith
that ect to the new treaty. It is reported and that a great movement of preparans are The Nizam 1 as comenteyl Dr. Fermeliy, the Roman $t$ Committee of the at the approachiap anducted with open doors Des will commence on the day follow Representatives. President Johnson is person or by counsel the trial will proceed ill be conducted by argumeat will be conducted by Prevident will bugment. The articles and Tenuresident with violations of $-2=$ soals of the Wran Office. General
dent delvered a speech at a delegation of Conserval.
tives from Balimmore. He declared that he nould consider no peronal sacrifiro too preat to brar in
defenee of the conntitution, nod cerpremed a belice that the intellisence and patrintism of the penple would yet rescue the country from the threatened runn.
Boul Houses of Congress hase nasced the supple mental Reconstruction Bial, providng that the minonty of rotes cast, instead of the majorty of regisstruction. Act. The Bull will now be submittel to the President. Mr Stunton, who still hodds his positioni
at the Wir Office had fieneral Thomas arre ted on the 2:d nit. on the charge of haring threatened to seize the War Oflice by force. General Thomas was released on the zith uit., whercupon the Court diseclarzed Giencral Thomas," who ummed dately instituted proceedings against Mr. Stanton for false and manlicious 1mpriLoyal League Clubs in the principal cities have been firng salutes in honour of the President's impeachment. The Pennsylvania Senate, the Mississippi Convention, the maconsin Republican Convention, and a Repubhican

 dent fohnson's cotrse, and denouncturs that of $(\mathrm{com}$ gress. It is also reported that the Maryland Miltia have tendered their services to President Mninson,
The Keystone Club, in Pemnsylvania, the Millary Club at St. Louis, and numerous other Demoeratio bodles are effecting military organtation in opposition " (irand Arny of the lepuhlie:" The lew House, of Representatives have passed resolutions nquiriug, in vien of the peril 10 which the country is
 that the citizens of Britush Columbia apprehend Fenian attuck from San Francisco.

## 习arliament.

Is the Lords on Monday the Duke of Richaind nanswer to the Marquis of ClaNRICardes, shid that
Lie report of the Commissioners on Irish Hailways would be published soon after Easter. The Iovi Chasi ellor laid on the table varions litls on the
Iaw of Bankruptey. On Tueday the Court of Apreal Chancery (Despatiol of Busmes.) Bill pasmed thrmaz

 Hrriul of ('avhit anmT, the Temure of Land discussion, was referred to a select committee. The Ecclesiastical Commissioners (Orders in Counci) Bil Dispatch of Business) Amendment Hill was read thard time and passed. Festerday the Earl of Devon brought in a bilt for the amenament nf the fonr das The Duke of i Rrrile called attention th the ratepaying clatises of the of the Prime Minister in answo to a recent speech of Earl Russell. The House was left sitting.
In the Commons on Friday Lord Stunlev, in epiying a the seid that upor all doubtful questions f fact and the two Governments were prepared to abide the decision of any impartial arbitrator; but the question now at lssue was, whether the English Government would consent to include in the reference the question whether we were right or wrong in recog gising the Confedorates as belligerents. Her Majesty's Government conld not 860 althourh as a moter of he main subject of disputa, aithough as a matery Enpland had not recomnsed the Con
 announced that the Inited States had ancepted the civil mar as an inevitable necessity and untiI the Soutliern war as an inevitable necessity, and untin the Themoney consideration was ioappreciably small, and we had laims which might be set off against those of the [nited States, He loped that upon cousideration the of the reasons put forwart by her Majenty a Givert ment against rasing the irrelevatit mattes with rewiec to 䊉e recognition of the beligerento. From harinu prung up as regards. England in tho L'nited States, and he was bangune in the lope that, either by the machinery of a mixed commission or by some other the only point now remaming undecided. So far as the policy of the Government was concerned in declining give way upon that point, he was satisfed wi
their conduct to the judgment, not only of the
House of Commons, but of all candid and House of Commons, but of all candid and
Mr. Werans on both sides of the Atlantic. expressed their satisfaction at the conrilatory rested that Mr. Bristit should be appointed a Comm coner to settle the matter. Mr. Mils ronelarred in this suggestion. Mr GLADstone snit that Lord equity, not only towards those who had preceded him in ollice, but towirds all those with whom he had been brought into compection in reference to the matter With respect to the only subject really in dispute between the two countries-the recogntion by England
of the bellugerent riphts of tho Confederates - he behered that the rountry would cupport the riew whech the
late as well as the present fiovernment had taken of it. Ifter anme diseussion on the arrangempnt of the lrish husinesc, Sir W. (i\&LI, iti and Mr. Writh obtained , ate to bring in Buls to establish county financia boards, and Mr. C Finretfer ohtancel leave to bring in A Bill to amend the law relating to appeals from the on Monday, on the motion for the Calses in England the fines, on the motion for the seond reaning of moved tume tha an amendment, that to read a second Mr. Dispafit in mamith of the second readine the mmendment the carmis of the vecond reanings the Larty Ibfocete moverd the second reading of the Scoteh lieform Bill. Mr. I InFiELS moved as an amen iment that the $\mathrm{B}_{1}$ ? be read s serond time that day six monftis, on the roound that it inrereased the additers of the House of Commons, and that if additional seats were regitired for Scotland thoy English berougles. After some discuesion in which Sir W. Scott, Mr. B. Cochrane, Mr, SmoLLETT, Mr. M'LAREN, Mr. MoNCRIBFF, Sir f. Fergraon, the lord Invocate, and other hus ammolnyent, and the Bull war read a speond tme. The Sea Fintueries 13111 passm\} throushth Com
 lull was read a thril time and pised on Thesday
 shnuld resolve itsilf into ('ommitten, wath the view of taking the condition and circumstances of Ireland into 1 mambato consideration. Jeprecatang at the outset the treatment of the question in a party or petarian sprit, be sketched in the gloomiest colours pountry 1 e conteded fountry. lie contended that there had been a largo under cereal lad dimumbel and that the pratucte under cereals had duminisheil, and that the productis power of the country had gone hatk-the farmen by reason of the insecurity of their tenure, having los heart, and begun to despar of tho wisdom and honesty of Parliament and of statesmen. The discontent which had its root in the memories of past misgovernment and penal legislation, was rapidly growing into disaf fection and alienation. The land question, he said, fay at the root of Fenianism, nnd without the sympatly of the tenast clase the conspurary would speethly eollapee Passing to the charch quention, he emphatically refused for the Roman catlohe bishops and molests stite aul declare i that nollum" wiror al husestablish metst and tha divetronticto en tan intantshment

 have a far shato of the pthat expentiturf, the exity With reqard to emigration as a means of relief, he said that the people who now left the country did so with a bitter feeling of hatred against England; and the only way to make that emigration harmjess Fies, in ind, to sottle the 1rish question upon oroad prinlarles. In conclusion he sid, that if the British peoparat would do yatire and leandre for the Irisa would produce w better state of feeling and would restore the prosperity of the country. Mr. Nzat moved on amendment declaring that the constan recurrence of impracticnble resolutions, and the pro posal of extrapagant and impossible remedies, were the reat obstarles to the pacification and prosperity of reland The pronosition, however, was with Jrawn in arour of anl amendment, moved by sir F. HEYGife utionalechat, elore the consideration of Treland t was both just and erpedient to inguire into causes of alleged discontent and the best mode o emedying the semo tord A. Cuivion next moved in amendment in the form of a saries of resolutions, affirming that parinment ought to tegisate on the subject of education, the Established Church, and the ystem of land tenure entiteis leas of the Irish people The Earl of MAFo stated the view taken by the Mimstry of the condition o reland, and the prolicy by wbinh they proposed to dea daloynity exsted in Ireland, he poment ont that those feeling
muris

## us sumbiar timpa of rlmeontent. -

## an allolina

 Govern appealal to the character of the Excen Government, to the jurlges, to the constabulary, and to the municipal authorities, to show that the country was practically governed by Irishmen, and ja accor ance with the feelings of the great majority of the penjle. Hequoter numerous statiatios to disprove the statement that Ireland wos a dovaying country, and showed that during the present se under cultivation been a great increase in the acreage under cultivaltural produce. He laid considerable stress on the reneral diminution of crime and pauperism, sud on the large to prove that the nateria! prosperity of the people had improved also. Hering enumeratod at some length the Mr. Mill, Sir John Gray, and others, he broceded to the policy of the future, and said that he propased next week to bring in a Land Bill, contannnz provisons to easble limited owners to charge theit estates for between landiords and tenants, instead of the present petwel acreoments. In addition fo this, it was proposedat the earliest possible moment to institute a solemn inquiry by Commission into the relsions betweonlandion and tenant. The Erish Reform Bill would be introducod in 8 fow days and steps would be taken to inoresse the
efficienoy of Irish ralmeys. The quention of education eficionoy of irish rulneys. The quention of education but the Government, without disturbing the existing arrangements of Trinity College or the Queen's University, proposed to confer a Charter on a new
Catholic Iniversity. Finaly, with regard to the Irish Catholle Inversity. Finaly, with rerard to the Irish Lord Russell was now inquiring into the Lstablishment, and that it would be premature to attempt any
hasty legiblation upon suok a question. On the motion hasty legirletion upon such a question. On the motion dhursday. In roply to Mr. GLadstonn, Lond Mayo paid that the Government, as at presanios advised, amendment. On Wedneadny Mr. Hubbazd moved the second reading of the Churoh Rates Regulation Bill. A long disoussion ensued with regard to three
other Bills on the papen-Mr. Hardcastle's Churoh Rates Abolition Bill, Mr. Nawdegate's Church Compulsory Churchion Rates Abbolition Bill. Mr. Mandone Castle and Mr. NeWDegate postponed their Bills
until the 8th of April, but Mr. HUBBARD deaired to have his Bill read a second time, in order to have it referred to the same Commititee ss the Bill of Mr.
Gladetone. This sugcestion wes supported by Mr. B. Hors and Sir S. NorTHCOTE; but Mr, GLidbTons strongly objected to it, on the ground that in each other, and that there was no hope of welding the olasese of the tho into one Bill. Ultimately, oonsented to postpone his Bill until April 8; and the House then went into Cominittee on Mr. Gladstone's pulsory Church-rites Mr for the abolition of comdivision, when the clause was carried by 167 to 80 . Clause 5 , which provided the machinery of a poll in cases of difference, was struck out on the sugestion of sToNR, and the remaining olauses were agreed to, with Committee. The Ame The Bill then passed through Bill was read a seoond time. Mr. M'LARBE brought in a Bill to abolish the Edinburgh Annuity Thz. On Thursday, in answer to Mr Fawcest, Lord Mayo Catholic University untul Parliament had had an opportunity of giving an opinion uponit. Mr. Ceive stated that the Irish Church Commission had made some progress, and would probably report in two or
three months. The adjourned debate on the condition of Ireland was resumed by Mr. Hossman, who expriosed of the Goveromenent, contending that it was on proctesting quion and in ination, on the had question procrastidation, and on education retrogression. Mr. to bo considered apart from the temporary phenomenon of Fenamam. He Considered the proposal to creste a Roman Catholac l'mversity as a pyro-
tochnic display, intended merely to conciliate an Ultramontane pralacy for eleotion purposes. He regretted the determination of the Government as the fiagrant, manifest injustice of Ireland and as the last link of a galling fetter, the prolonged existerce of which was a disgrace to Englishmen and a Tegradation to Parliament. After some remarks by Mr. T. HUGHEs and Mr. Vance on the land question, and Church, Mr. Micl spoke at some length in defence of the views put forth in his recent pamphlet. Mr. plesded the example of preceding Governments as a proof of the difficulty of dealing with the endowments of Yesterday, in answer to Colonel $k$ yor adjourned. Mafo said that Mr. Johnston, being in bad health, had been ofered considered it sa a matter of priven, stating to do so, he consequently he had not been released. The so soo, and debate on the state of Ireland was resumed by Mr of the Government. The House was left sittrug.

## Gity Intchigence

 Acoount; New and Reduoed Three por Cony, 914
to 92 ; India Five per Cents. 1114 to 115 ; Bank
Stock, 219 to 251 ; Exchequer Bills Its to Forbign. Mexican, 151 to 16 ; s , 1us, to 15 s . pm-
 $767^{3}$; Brazilign (1865), i1, to 714, Eqyituan ( 1864 ), $86 \frac{1}{2}$ to 87, Do. Ralway Debentures, 902 to 91 ; Wiceroys
Nime per Cents, 881 to 89 . Do. Sopen
 Railroad, 49 to 50 ; Illinuis, $89 \frac{1}{2}$ to 01 ).

## fitctropalis antu tis zicimite.

Rrecntive Polio The Monday th met at the Mansion House, under the presidency of previons Monder. At the close of their meating on the provious Monday they had barely a balance of 100 . in mona donor, 500 d . from Miss Coutth, and nearly 160 . more from about 50 persons. Alter some discussion it
butions from the general puble was gn indication that
theur administration must be brought to a close, and eventugly it was agreed to adjourn for a fortnight.
COURT OF COMMON COUNCLI,-At a meeting of the Common Counoil on Friday, a report whes read from Mriss, describing the progress made, and stating that the work was expected to be finished in a year or a yoar and a-haif. It was also stated that thene not would be completed and opened before Christmas, and that the thoroughfare along the viaduot over Holborn valley would be opened at the lose of this year or the begioning of next
The Opra-It is announced that
The Opera-it is abnounced that Mr. Mapleson has taken Drury Land Theatre for performancos of
Italiau opers during the approaching keason. His tenancy commeuces on the \$8th of this month.
Opening of the Hyde Piek Drineing Fountain -A drinking fountain, erected at the expense of
the Mabarajah Murza Vijeram Gujaputty Raj Munce Solltain liahadoor, of Vizianagram, by the Melropolitan Drinking Fountain Assooistion, Fas formally opened a few days sinee by the Duke of Cambridge. It is about
12 feet square and 47 feet high, and in style is early Gothio. There are four bowls and four jets. On two aides are the portrait and arms of the Maharajah, and on the two other sides the portrait and arms of the queen. The top is surmaounted by \& conventiona crown. The materisal used is Box ground stone, the granite. The entire cost is about 1200b. It is erected near Stanhope Plaoe Gate, not far from the Marble Arch. A larke number of ladies and gentlemen assembled to witness the ceremony, including several native gentlemen of Indis residing in London.
Thi Fienlas Prosecticions.- The Fenian prisoners at the TVey, am Assizes, who were commitur for cria Central Crimual Court arrived on Friday at Newgate having been brought from Warwiol Castle by night Traib.
 Thomas O'Haran, the Irish ehoomaker, charged with
having discharged five barrels of a revolver of two policemen in the neighbourhood of Finsbury Cirous, Mas brought up for re-examination at the Clerkenwel Police Office. The queation having beer distinctly put to the police, it was stated that there was no reason for
supposing that the prisoner was conneoted with Fenianısm. He was committed for trial.
Dishongst Tradrsmen.-A retura has been issued of the convictions for false weights and measures in the
metropolis for the first six months of 1867 . In Finsbury 78 persons were convicted, 75 of them for the first time; in Marylebone 19 were convicted, all for the irst time; St. Panoras, 80 were convicted; but the return does not say in many cases whether the convicminster there were 110 convictions, mostly for first offenges.
Fall of a Houss IN THRe Strand.-On Saturformerly occupied by "Professor" Holloway, in the Strand, near Temple Bar, fell with a crash. During the morning it had been noticed that the house, one of law courts of demolition to make way for the new threatened to fall every instant. The traffic in the and other vehicles coming by the police, all carriages obliged to no up Chancery Lrane, and no one being allowed to walk along the north side of the Strand near Temple Bar. At a few minutes before 12 the front Temple Bar and Tway fell into the street between Temple Bar and Twining's Bank. No accident happened in consequence of the exoellent arrangements made by the police. A dog, which had run into of course killed. The Publed.
Weok Pobly Return of births and deaths in London states that in the weok that deaths in london March 7, 1655 births and $2998{ }^{\text {ended }}$ deaths were repistered in London and in 13 other large towns of the 24 per lo00 persons living being 23 mortality was London, 30 in Edinburgh, 27 in Dublin, 23 in Bristol, chester, 32 in Salford, 26 in Sheffield, 20 in Loeds. 27 in Hull, $2 \overline{5}$ in Nowcastle-upon-Tyue,
and 29 in Glaspow. The rate in Vienna was 40 per
1000 during the London, the births of en ending the 1187 woth ult. per
In
 was 2222 . The dimerrected for increase of population, week were 1331 It was the tenth in London during the the averape number for that week, corrected for increase of population, was 1610 . The present return Is,
therefore, 279 below the estimated therefore, 279 below the estrmated number.

## Brobincial.

Derby.-On Saturday evening a desperate attack was made upon the life of Mr. W. G. For, chief conWas walking towards his offine and 6 o'clock Mr. Fox Streat, when he was met by a man named James Connor, who was recently discharged from the county abusive. At length he said, with and became very shoot you," and, pulling from his an oath, "I wifl presented it at Mr. Fox's head. Mis pocket an pistol, "No the masa to go towards the office, but he serid, No,", and thang not go with jou; I will shoot you st
hands and legs. Ten or 13 shot wos whan,
one leg, and eight or 10 from the othe
werealso extracted
 succeeded in wrenching the mand
dragumg him to hls oftioe
brought beforo thand brought before the county
Eron-A circular has been addresest
of biton boys by the new head of Eiton boys by the now headdreased wo giving leaving books at Eton this trag
order for leaving booke will be to order for leaving booke will be nive books in any of the houses or in Colleg
asks for their eo-operation and support to a system which presses very hpart
of boys. He has since of hoys. He has sinee informed the himself- that of "leaving mones he wished the school distinetls to Wivere pool. - At the take sug leaming man Wilson, It. It It the Polis, Waltert
Jacksou, the young nen conspiring to rob and murder Mir Al merchant, of
dhe witness-boz with hasecutor made
arm in a sling, and seemed to
weak state. He described the assaus of he been the viatim, and the prisonars were oter
triai-The Town Council Committee autinority to borrow 7,0002
 snitary improvements.
Daniel Driscoll, brioklayer, who was on Dunield, riscoll, brioklayer, who was mit in this town on Tuesdoy. The eridemon a discharged from Beverley House of Cormee day before, that they travelled together wetha
Duffield, and that Parker was dealing Watch the day after the murder Te jues ma
verdict of "Wilful Murder" arainst Fater who was committod for tral. On Wam magistrates also co
Todmorden.-On Friday Miles Teather with the murder of Janie Smath, si is The principal
Was sufficiently recovered to be preseti, E dismissed firl whom the prisoner courte, , dismissed dor continuing on connectine
mistress disapproved. At the olace of thes
the prisoner confessed that it was his ilikecul the prisoner confossod th. trial at the ansices. Mr. Plow, on retarar in srame grachually worse, and deed on Thanam by the wounds he receised on the head Thursday at Leeks belore the Molesworth, the brother of Mrs. Plom able romoval from its mother is suppose the cause of itsdeath. Mrs. P.owrema.ns11
and precarious condition. The tral ommenced yesterday at Ianchaster densely urowded, and thousands of peors
to obtain admision The funeral of Jave place on Friday murning, and was aten concourse of people. She waz buned us
jard of the parish church, which ado:as so that her grave is only 20 yards dustant where she was murdered.

## 政cland.

The Fenian Thiala at Cobe -Thec were opened on Monday conveying the judges into the ci the streets they were protected of Lancers and mounted const
O'Hagan charged the grand jury true bills, for the wifful wurder o 3painst Captain Mackey, Thomas yant Walsh, and David Spillard.
ohallenge on behalf of the
of
 locked uyp for the
to and from the Court
the cand constabulary. the case for the Crown, 3
the jury for the prisoner. sttempted arrest of
committed no felony Lieutenant's warrant Geale while endeavounng that if there nesses were examined
to s statement by (exrey
that he could bave observatio
Wire recalled, and positively contro
Sir C. O'Leghlen having replied
Justioe O'Hargan charged the jur),
THE GARDENERS' CHRONTCLE AND AGRICYITTTRAL GAZETTE
 fror a short time he wa
The Hong Lady Prel died on the sth inst. at Wilburton Martar, She was the third daupltter and co-heir of the 12 th Whitbread, sen., of Candington Bedfordeit Ais inr. In 1785 , and married, in 1819 , the lato 81 r Albert Pell, a judgo
of tho Bandcruptcy Court, who was TEE Dowaoge Lunt Bowter Suidfa dred at Thorpe Lae, on the \$d inst, in her 82d year, She was the daughter of Mr.
Joun Weyland, of Woodeaton, Oxom, ald Fuodriniog Hall, Norfolk, and married, fa 1813, the late gir Edward Smijth,
Bart, who aspumed in 1839, by Royal Heence, the additfonal surname and arms of Bowyer. She was left a widow in 1850 .
By her marriage ehe hod a numerous famply, intuding the By her marriage she had a nurnerous familly, including the present Sir Wim. Bowyer Sinijth, Bur
 Place, Hydo Purk Gardens, aged 88 lie entered the Beugal belly in lifor, and at the ssuge aud captrace of Scringapatan He next served under Colomel Gardmer in the Northeru Circara, and was present at the capture of Palavaram in 1800 IIc served at the battles of Delhi and Daeg under Lord Lakeg in 1803-1804, and had one borae killed and another woundio under him in the last-named battio. He was present at the sioge of Fort Sosning, at a repulese of a mortie headed by tha Ho was afde-fe-camp to the Eari of Minto, when GovernarGoneral of India, and for manay years held tho office of Military Auditor-General of the Bengal Army
Major-Ggniral Sih Hexry Fwoyd, Barte, died on tha the inst, at his regidence in Gloucester Place. He was in command in the capture of Seringapatam, and was vas in 1703, and succeeder hilitinther in the baro
 numerous famaly, He entered the army whem only 15 jears
of age, accompanied General Sir William Clinton to Sicily in of age, accomparilad in 1813, ns his aide-de-camp, and sarved a the battles of Biar and Castalla, the siege and blockade of B15, the battles of Ouatre Bras and Wraterlo, and the captere of Farls On attaining the Tank of Liteut-Colonel fin 1824, he retired on half-pgy, and in 1851 was promoted to the rank of major general. He altogether retired froma the army in 1853.
He was the only brother of Lady Fuller, widow of General Sir asoph Fuller, and of Julis Lady Peel, wife of the late Sir Robort Peol. He Is sucseeded in the
gir Jamps Butown Greson, M D., K.C.B., late Dtractor funcral of the Army Medical Department, died at Rome on the 25 th ult, asod 81 He entered the Army Modical Depart-

 post be retired in 1867, having nitogether gerved for upwards of 40 years. IIe was present during the Crinean war at tha battlos of Alma, BuLiklava, and Inkerman, for which he rocelval and a C.B. In 1855 be was selected by the Duke of C'ambrage as lis persunal medicill attondant. He wis | Honorary Physician to the Queen, and Wis appointed |
| :--- | Knight Commander of the Bath in 1865 .

Ma, Chosslasd, M.P, for Hudderafield, died at Gledholt, his residence near thist town, on the 7th inst Be had for some time beear in a declining atate of health. Ee was 58

Writs.-The will of Mr. Peter Pantin, Peill, menchant, has bean sworn under 500,000 . personalty; Bir Charlear Haye 6,000t. ; Mr. Jamea Pallows, of Sunay Bank, Longaight, Mabcheater, merchanth 100,000

## flaxitets.

## a

Wumarose-Mwidor by a Eiepmother,ur lerul Louisa Kidder Staples, aged 12 years The ctitr, or drowning her in sidith at New Romefre cummititing the crinae, had compeared that
ored the and put on an bid ragged
and Mr Justice Byles form

## II aged 3n, way charged with the wiful <br> Thimuruce wrylesslen, near Manchester, on

 Hercy. Lepassed hink him in the nech. The plea of insanity be utfence. The jurs however returned a ed sentence of $D_{\text {eath }}$ in the maray, forma.

cro harged with commpiring illegaly to
anatary movements at Merthyr Tydvil,
is is and the ifth December. The jury 'the the ithers. Haron Pigott semt

## Obituaxd.

Bart., diod on the 1oth insta is martiage with the daughter
Dirby, deau of Durkum.
 his
ary's Hall, (oxford



$\left\lvert\, \begin{aligned} & 158 . \\ & 188 . \\ & 1\end{aligned}\right.$
yon . Walls Kod Hawthorn, 158, Gd. Walls End Hetton End Hartlepuai, Walla Ead Braddylu' Hetton, lüa; Walls Walla End Kelloo, 160. 9d.; Walls Fnd Fast Eartlepool, 1Fa, Di. Wals End South Kelloe, 17s. 8才; Walk End Tees, 18a;


## ENGLISH WOOL.

There has been a kriak demand at improviog prices, nhe if the presant atate of affars comtinue, we may mately count on a Current Prices of Twoligit Woom per lbo

$$
\begin{aligned}
& \begin{array}{c}
\text { FLeEces - Southdown bogrgets } \\
\text { Haff-bred ditto }
\end{array} \\
& \text { Kent Flocees } \\
& \text { Soutindown owes and wether } \\
& \begin{array}{l}
\text { SORTS-Clothing } \\
\text { Combing }
\end{array} \\
& \text { ditto } \\
& \text { HAY.-Per Load of } 36 \text { Trusses, }
\end{aligned}
$$



Cumberland Markbt, Thursday, March 12.
Sup, Neadow Hay 84e to 828 Inferior Clover .. 708 to 88s




## metropolitan caticie market

 Morday, March 9 .There are a fow more Beants than on Monday lath The avourgble weather and clearer dead markets cause a more active inquiry, and prices are rather befter. The number of increased, and pricer have advanced, Calyes the sciance and dear. Our forrign supply congigts of 590 Beastr, 2040 Bheop, 5 B Calres, and 5 Piga, from scowand there are 508 Beadets; from Iroland, 130 ; Prom Norfolk and Suffolk, 1400 ; and 782 from the Northerra and Mclland Countion.

Best Scots, Fere

 2d quality Beasta
Half-breds
30. Bborm

Jeasts, 3 f(M) : Sheep \& Lambut, 14,720 . Critres, "ile : Pigs, 290. Taursday March 12.
Our trade to-dagy is not quite so good as on Mouday last, nod mot realined throughout \% A clearnnos is not offected. The
 92 Calven, and 5 Pigs

Beasts, 720 ; Kiheup and Lambs, 5950 ; Calvea, 105 ; $\mathrm{Fl} \mathrm{Ig}_{6} 80$.

## MARK LANE - MONDAy, March

The supply of Wheat to this morring's mariset from Fisgex Wha moderate, from Kent scarcely auy, and it Was taken a the prices of tais day senalght. he cairket was talarnbly attendod, and a cooderate recal bund yeng la, per qr. cheaper. Boams unaltered in value Pea Barley there was a better sale at our late quotations, The Oat trade was quitet, without atteration in Falue. Focur wrea teady as former prifees.

$\qquad$ per harral 54-61 Country
Friday, March 13
The weather during the patt week has boen vary changeabion The trade throurhout the country has bean slow, but as the srrivals of Whast (excepting the cargons on tho coast) have adverse change in prices to report, some of the sicatch mora inquiry \&t extreme ratea, othar qualities were unaltered. Onats were held leas firmly than of late, and prices closed in buyars' favolur. Beans and Peas moved off showly at former prress. Flour was entirsly neglected in somat markets, the 136 cargen of which, with those loft over frum last 136 cargues, day thers was a goon continent, and the uriters of Wheat for buyers, but with the beginning of this week a quiter tone ent

THE GARDENERS" CHRONICLE AND AGRICULTURAL GAZETTE

| in, and bolders were more ticilined to make conceassons to the Eliciley was an alow seile in in Rye nothing doimg In In cargoes on paxayo and for forward shipment the business is at a a sand- fitul. L Inscord wns momewhit easior to purchaso. Rapeseod unititered. Paris Mirct in The The supplites of Whent limited, and with an activa demand prices exhbited an <br>  <br>  <br>  This morning gis market was thinly altended innd bustat on the salea effected late prices were maintatined. Bprring Corn was quiet at Monday's quotations. |
| :---: |



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## P


PARTNERSHIP. - A Ferson with a hnowledge of the
 WiNT Al, WORKING. FRREMAN, to tate charge


 W ANi ED, Ag GARIENER in Susex , reapect-
 W AN'ED, at ONCE, TWO or THREE ROM
 W ANTED, as GARDENER (for R Siagle-handed place)
 $\mathbf{M}_{\text {ASSISTANT }}^{\text {R. WROpAGATO }}$

M.



 W ATMED IMMMDIATELY- in the Seed Busincsa, -
 W ANTED a 8 HOPPSAN . Muwt he thoroughily W ANTMU, an UNDRR BHOPMAN in ihe Retion

WANT PLACES. - Letters to be Post Paid E XPERIFNCED GARDENERS (or BS GARDEVER


 ERGISTRB

 M made PALiL begs to announce that he ba



A To Noblemen and Gentlemen. a service o

 givo unuxceptionsbla reforvacos as to obirractur fnd tblity; , and bo Present address, Theobbilds Park, Waltham Cross, in.
CAIBDENER (HEAD).-Age 30, married, no incumOr brance Mr. Merebitu, The Vineyard, Garston, Liferpool.
 ,ato Fince nz, sc.-E. Jt Mr. Humby, Jun Lynd hurst, Hanta. (TADENER (HPAD), - Age 30, single; thoroughly




 (ARDENER (HFAD)-Age 28, married, no itcum-

 (YARDENER (Head) - Age 40, no incumbrance ; has Managument of Land and Stock Wifo a good Laundreas or DibiryFoman if required. Firrt-clase character. - T D., Gardener
GARDENER (Head),-John Goode, Head Gardener CI to the Rifght Hon. the Faril or Antrim, Olionnrm Caste, North
 Tho highest testimoniale oan be given. To sirv trouble, none but a be made as above.
CrARDENER (HERD),-Age44, married, two children;


 Lodge, lmamow, hasex
(TARDENRR (HEAD), or GARDENER and BAILIFF,

 (GakDENELR (BEAD), Or GARDENER and BAILIFF,
 disongaged by the end of March. Unexoeptionnble ebaractor.
( AKDENER (HPAD WouKINe).-Age 39, married,

(TARDENER (HEAD Workinci).-Age 30 married
 (JRDENER
Gentlemnn-Marred, one chishin, Foreman to last Lwo place



G ARDENER (Head or Singler-handed). Age 24,

GAlduener (hean ot single-handed)-Age 26




 ( $A_{\text {his }}^{\text {ARDENER.--A }}$ Gentleman wishes to recominend




(J ABLENER (LNDER), in a Nobleman's or Gentleman's
(TARDENER (UNDEU),-Age 18; etrong, steady young Mr. Thorrike Gardeber, Stockgrove, Lelghton Buzzard, Bocle, C ARDENER (UNDER) -Age 23; two and a half years


 Lentharhiond. Heazover, Greet Bookham TORHMAN.-Ape 26; has had several yearg' experience I URi.MAN, PROPAGATOR, or SALESMAN.-Hais HOREMAN (or Seconn), in a Noblrman's or
 ITUREMAN, or under a Forema, im a large bistablish-


OURNEXMAN,-Age 18 , Tour yon TMPROVER or SBCOND GARUSNZ2

I MPROVER,-Age 18 ; has had fire Jour
TMPROVER, in a Garden where he cark

## TMPROVER, To Gentioneres cardeners


A PPRENTICE (age 20), under

A occupation, would be FIAR co der,

B DillifF. - Age 27; has at present the 500 Acres of Arable and Pasturs tow

WARM BAILIFF.-A thoroughly pration
 Farm, Leasvesden, Watrord, Herts.
CAND STEWARD AND BAILIPF - Yo

CTEW AL Tortace, Kensimpton, W.

and Sheep nnd the Cultivition,

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 no lictumbrance; has a thoroug,
Fell experienced th all tranchey
Yanagement and the Buran
Management and the Buypg and fitilos of 8 , kor



M ANAGER or SHGPMAN. - Age 24 haytgs compteted a term of nily yeats rith SHOPMAN, in a Seed or Florist and Prum



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## W IL K I N N S UN N








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 CORNS and BUNIONS - A Gp mition by which he obtined their antire real rin DR. ROBERTS'S POOX MAN'S
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and tas

The Best Remedy Ior Indigut


can now bear teatimony to tha benelits to

Zhe bardentrg' Chromicle 42ctogpayer.
STTCRDAY, MARCH 21, 1868.
OTHOUSES for the MILLION, 1 (HESP, SCBSTANTIAL, and EASILY FIXED
 4 mixtisn to
gatuwn \& Montow, T, Pall Mall Enst, London, S.W.
 (ynni, Puble, or Prlvate Buildinga Heated on the Jatest

MT- F ITER APPARATLTS, of every deseription, H Twi- cmpete in any part of the country, or the materinle, 1. mion Apes, ace, delivered to nitictation.

IOCESS WARMING APPARATUS.-The best and


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Patented In Inprove pients in thprove CONSTRUCTION
VENTILATION heating UPENING GEAR OSLI PREXE MEDAL AWARDED Tram improvenients in the Vantiation, Constraction, nar - Mr Patont TMAN'TS GIEENHOUSE, THE NOYELTY:

 , 43 . to 854 lia span Roofs, double price.
 hirativo wo reproommioent, and haro pleasura in referring
 oves mictian experience, ws are wiling to gunrantee that Cin our arrangement shall perfettly niswar the par-


 Cstalogates, Estiunstuss, or Plabis on application.

Great Flower Show, Manchester, June, 1867. FIRst-CLASS CERTIFICATE TO


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 J. Ir
J. Irelaxd, Edrard Street, Broughton Jane, Manchether.

CRANSTON'S PATENT BUILDINGS for - Dry Giliz.ng withont Putts."
"Ventlintlon without Moviny Lighta
Highly Commended by the Foyel Hortioultural Boctety, Routi


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40 mos-titer aptabatus manufacturer to the commishonprs of her majesty's royai, palicts ant PCBLIC BUTLDTNGS, AND TO THE ROYAL hontictictural sucilty,
STANLEY BRIDGE, KING'S ROAD, CHELSEA, LONDON, S.W.
 1rou. Works, यO Winkley Street, Oxfurd street, London, W.



 or E-timates given firceil ccin
 Cotray \& Co.
${ }^{\text {2. Winkley }}$ Strect, 는 Oppoatre the Pantheonl,
oxtord Street, London, w,
mot watca apparatos





 of Hothouses, Apply

Wi RicuarDsor \& Co. Hortemilural Eullders, Darlington
irongrienior mes chandol: thas woub Beard's Patent Non-conducting and Ventilating

 Theso Patent IInase obtulet the First an 1 only Prize nt the The puer an Sbow, 188t: Mrot-class Cortificates at the Royal Hortiontural




 26 uz. Sheet Glass froun 18. sh. yer foe tuper, und be obthino of

GREENHOUSES, SPAN OT LEIN-TO. Omamental ( 7 or Phin, Glarod woth 21 oz, to to geof ercted at Willlay simith's, Hothoraz Buifoze, Turnham Green, W.


 A dirto, 18 feet inni hv 10 foet wide, plaln





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 come
 200 Culvormer and malon Roxes.


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"lovery Catatage shoald be providod with a Water Tank." Discabii.
Iron Claterns. F. Br RBY Ant









 itna.ty of tho treo nltngother Almost every' laryo grower is twe


 For prices, so., aprity to the aboto address- 45 , Dalo Stroet,
 beg to submit their prices ar follows :-
GLASS for OHCH tRD HOUSES,
As guppled ty them to Mr Rivers, to the Hovi Herticultural Socioty,




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SMILL SHEET SqUARES, 15 oz , per 100 foot.



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Oll Paint no longer Neces \& \&


HLLT ANT, SMITGS PAIEAT BLACK VARNISA

The nhote Pricesare onls for the sizes stnted; if a quantity of any SHEET GLASS

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Best
SHEET GLASS is made only io the following subatameas, 15 oz .





 IM PROVED ANTI-CORROEIOS FANT
 ex oserd situat ons, on Brec, Stone, Compm, Imm, Irin Bradges

 SLUOLUS WHETELEAD 30 BOLLED OHL
GROUND PATENT DRY.


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 ,mane piow yaymyan - $4=4$


- ETTLNG for FRUIT TREFS, SEम L BRth

 yard; f-ine
quantity of
 WT ILKIN Sotice of Removal.


 fer delicate constitut:ous, especially adrpted for then

CORNS and BUNLONS.-A Gentlemat.

TN the SPRING PARR'S LIEE PLLLS

hedicine Vendor, In boxes, ls lis,


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 and the Colonles, in pots and boxen, Iors ind, 2
aud 22s. ench.

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## 21 WNEMENPS for the HOYAL AGRICULthert qui Iusetton, ns tio

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S FiRMERS' CALEND $4 R$

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Cheapest Edition of Toudon's Gardening. ENCYCLOP 巴DIA of GARDENING


JILI FUUD, its lliLCE, and SOURCES

to ce post free istumps

of GLEE and FRUIT TREE sad thtis

<br><br>Tht Ther informatien to bo made to Dr Maxv, the the Veal Governtiont, at the Yatal Imungration

## 

2. 4 (in er. -On Friday and Siturday the Queen -1h the Castle from Greenwich Park On (Queen and Royal Fannily attended Divine wivate chapel. The Rev. C. Kingsley sermon On Houllay, being the anniver-
her the Duchess of kent, the Queen Prince Arthur left the Caitle He afternoon the Naharajdh
Malesty. The Queen afterHith Majesty. The Oueen after-
thlumees Christian and Prone LeoWeshy morning the (uxeen walked in the e ines las, be nit the birthday of Princes
 1 afterwards drove $\}$ thecu wi.hked in he afternoon sur Stalfurd Northeote had leer Malesty On Thiciclay morning - Beatrice, piad a visit to Aldershont. rewcel by a salute from aboull hor atersards dothle 1 in fuur divisions on
nh thine. The Queen then lunched at
and after and after inspectiug the Albert Gymanaportions of the camp, returned to
Her 1ajesty honourd Sir James the evening ber Mark ou'ser return to
ton of manic, to which a small party was tated that the Quieen, accompauned by
Cf the lioy al Family, will visit Germany
F ind priverss uf Walen, - On ress altended Difine servico at the ached the sermon Bishop of Gloulester rode out 'The Prinday morn-
evening their Royal Highnesses



 Prinor rode out Tue l'rinces drove mut, Lutue ovening their Royal Highmonses went t, the Niw Rozalty
flieatre. On Thurday the Prince hunted with hihariees near Iangly, The Princess drove out In
the evening their poyal Hizhneswo, acompanied bs the evening Lheir IRyal Haghessor, aceompanded by
Prince Arthur, went to the Haymarket Thestre Prince Arthur, went to the Haymarket Thestre Thie Cibinet-il Cabinet Councel was hald on the Trezsury in Downme Streat.
 hrs accepted the oflipe of Parliamentary Socretary to
the Poor Law l3oard. SW PEER
previous to lis refirement from the IPremiershio recommended to Her Majesty the following baronet John Benn Walsh, sir William Brook Bridzes, Sir William Stirling Maxwell It was mentioned last week that the name of the Ru William Chicheater
 Huddersfield terminated on Thurs lay the the thim fir Mr. Leathan, tle Liberal candidate. by a 11 thority of The Coventry Flention Commuttce have reported that Mr. Jackson was, by his agents, gulty of briberyat the last election, and that the e, ection was wond. There are tiree candidate in the fiend for the vacant seat, ir Carter and Mr. Blanchard ferrol, us the Liberal interest The Hon. R Bourke has heen solepted as the
secund Coraservative candidate for Ljnn at the ancmeral ele tion. In antiripation of the retirement of Mr (ietty from Belaw, and Mr. Johnston, have been mentioned as candidate address from Down Grol, where he is imprisoned for a address from Down Grom, where he is imprisoned for a
breach of the Party Processions Act, callicd upon the elertors not to allow his candidature to be injured by lus imprisonment for vindicating relogious liberty, It is believed, however, that Mr. Getty whill nof retire for the present.
THe Bishop af Winemester, by the latest actounts, 15 proyreming fivourably, and iv adn ander
in an improving condition. His speech is gradually
returning. THz Indis cocinci. - The Queen has appointril
 ind

Palitical Mretivis on Thure las Mr Chindifs-
 at MIr. Gladstone's private residence in Cariton House Terrace, to arrange the future policy of the Laberal party on the Irisli Church. It is understood that a mons will be sliortly held at Mr. Gla stone's residence.

## forcigu.

Francer - In the sitting of the Senate on Friday during a debate upon a netition in reference thi the famine in Alperia, Marshal Nel stated that a Bill for Council of State. In the sittons of the Legislative Body on Friday, the ahjourned debate on the Bill the right of holding public meetings was resumed. In reply in the followng terms
"The right of mecting stich as ycu.lesire would bo the re


In the sitting of Sarturday a letter was read from M. Kerveguen requesting that the proceedunss against hy MI. Pouyer-Quertier, M Rouker and thit Mar hal W'Mason would arrive on that day ins Paris. Th. Government had ouls awated his arrival to tis th. amount necessary to reheve the dintren hon (hathit
in Algeria. The bill on the sulyect whal be hrounh before the Laglative Body uent weeh. 'The adjonrimed debate on the Bill on the right of holding public meetings was then resumed. Tho general debate was closed, und an amendment affirming the sbsolute thoroughfares was rejected after a long discussion, in which M. Rouher spoke on the part of the
Government. Article 1 was then adopted In the sitting of Monday Artioles 2 to 9 were adopted In the sitting of Wednesday Arti les 10 and 11 were adopted Article 12 was withdrawn by the and the contmuanre of the debate was postponed uratil after the discussion of If Sumon's interpellation renpecting the Council, for the settlement of disputes maj rity of the Commutee of tho Lezislative Body on the Kerveguen affair are of opinoon that legal proceerliugs should be authorsed against that deputy. establishing a eneral tariff for the conver mee of establishine a ceneral tar for the 20 th of March to the 15th of August. In the report prefixed to the
derree the Monsorer thte that he inet with the redtcot es-operthen owt that patt of the ralway
 Hontabati. Whath bumesar. bave bete easily appread The Promer mprid rimplete 1 his



 cip seome dy uaty, wheh he been attributed to a
 purpone of shouing that apoleon I nud has wephew
hase lorth drawn France from anyses, and been buled
 appronang votos -1gned by the Fren ll len ine are the titles of the Napil ome dynaty Tu: Pitrie gives the following summary of its contents -

 and to the Imperial Throne. The political charracter of thas donble pripular urigin of the Napoloouic dyanaty is given fa a
 huntrels of the Arathe of the trin?s lathe diel of frmme, ind thit culco immel ate swatanere is Instances are susth of those strucken with famine eating haman fleat and wooby veset bibe substancer, what lirge bodies of Arab- hine flowed to the furopern settlement, to and 1 re foot from the au-
 tal.s of thi fremasell ng article ol ofol, nd in an and ariun disppesed before tnem They d.yperned as
 Ith inst., Whereby the Brilisil aud Spullsh Guvernthe inst., whereby the Britisil and sponsth Guvernwents undertake to appoint two comm.s.oners eagh, with power to adjuicate on the chim prefered by the to have hean surk hy shot from the battories of Couta on the 1heth of 0 tuber, $180 \pm$. The Commissioner are to be members of the diplomatic and aval serviecs, Cuta. All duties on foreign corn and flour iuth moshel. Tue Win-ter.al , nurmin state that an




## into the question.

SWITZERTAND. - The inhabitants of one of the suburbs of Genera have made a demonstration argainst the ciergy because the ignorame orethren have The Cormunal Counc. 1 lave renmel Tae Commanal counc. lave resen
Bebailiv. - In the sittma of the Chambor of Repreveataives on Fridy the hall for the chatuzent
 ato two sections, one etficelife and the other reserg wis adopted after a very stormy sithing, by a majorit. of (6i to 35. In the sitting of Suturday the proposed reductinz of the time of service in the army to Rual de ree hus been publihed authorimnt the coty

Havoven The reipning Duke of Brunswick prother of Duke Charley, who orlinarily resides at -i-kiag of Hanover, to whom he leaves not only has prisate Sortune, but alon the nuppregaty of his Warrens, startell smme time as with the inject of defendige the interents of the King of 11 suoser, prom authentir Hanoverita quirter-. The whte ant this document wis to chow has. limwa filed t. A semite the
 r.bate firtue ompletely fultilled that article of the tre. 1s t. pulating that he should deliver up to Prussia
 published on Friday, positively awerts that no secret agreement exists between Wurtemberg aun Prussia respecting the appointment of Prusian olheors in the Wurtemberg army, nor has aly aurnumenth wegard entered into betwenn the tro

PRESSI 1. The King paid a visit to Prince Napoleon the Palare and paid his poravell visit to the King the the Palace and paid ais Proncesses of the Royal famis The Prine triaces an Soturdsy for Dreaden Thy The Prince left on Saturday or "Presden. Nas Provincial Correspondence says that "Prince Napoleon Will have carried back with him a clear insight into
the firm and permanent basis of the nem relation of the firm and permaneut basis of the new relations of son is fixed for to-murrus, the 721 brathlay of the King. It is semi-ofli mally anuommel tuat tha nes session of the North (jermun Parlument will ba fter Eister, thad periods, ne before and the other Parlament whl be hold in the interam. King Whilam will greet these representatifes from the whole of

THE G.LRDENERS' ('HRONICLE AND AGRICOLTURA1، GAZETTE.
[Mascer in

Germany in his quality of Protector of 30 millons of Sorth Germans. Sunday morning. A great crowd had assembled a dese.ner at the residence of the French Consul, to
which the authorities were invited. In the evening the Prince was present at the theatre. He left on AusTrIA. - In the sitting of the Hungarian Delegathe War Minister, correcting a declaration made in h. 3 name a few days before by Herr Griviciz. The
Ninnater stated that he interprets the Hungarian law tespecting the organisasion of the general army of the empire as meaning that the command, officering,
and internal organisation are to be in common,
but that the settlement but that the settlement and modifications of the
military system can only take place with the consent of the Leegislature. The Minister admits the duty of strictly adhering to the law. The delegation thereupon
resolved to enter on the consideration of the War-
office estimates in detail, and the report of the comoffice estimates in detail, and the report of the com-
mittee on the snbject was ultimately adopted. In the sitting Naval Estimates and to the extraordinary supply asked for the army and the fleet. In the sitting of
Monday the Hungarian Delegation adopted the report of the Committee declaring that the expenditure for the Chancellery of the Imperial Cabinet is not common to both portions of the Empire but must
be voted separately by the Kungarian Diet. The report declares, moreover, that the payment of any of the above expenditure out of the Hungarian and the respect due to the King. In the sitting of the Lower House of the Reichsrath on Wednesday, the Judges was read an constitutional position of the sitting of the Upper House of the Reichsrath on
Thursday, the debate on the Civil Marriages Bill commenoed, After the reporters of the Committee had con in div lollla was opened. The Minister of Public INinuction, Herr von Hasner, announced that the
Ifin, nuent sided with the report of the majority, and
proc, procredud to say :-
 tonn ynced that if a good will were shown thovernment watiations
might he spcedly conoluded. Unfortunately this did not
suegh to be the tuebin to be the wa. The Coneordat olbstructed the action of
overy department of the State." Counts Rechberg and Blome and Cardinal Rauscher defended the proposals of the minority. On the motion excitement prevails ss to the issue of the debste. The Commitiee on the new Press Bill have concluded their
deliberations, ss have slfo the Committue on the Bankruptcy Bill. The Budgat Committee of the the Hungarian Delegation on the greater number of the points npon which they were at variance. The (fovernment lis ilearly completed a new arwy ibll, introMonarchy. The Austrian and Hungarina Ministers Will shortly deliberata together on introducing the Hungarian Diet,

Russia. -The Courvier de la Russie of Monday, referring to the rumours of Prince Napoleon visiting t"We hope theso reports may be true. Prinen Napoleon
 personal sentiment
opInion in France."
ITaly.-The Chamber of Deputies resumed on Friday the debate on Signor Crispi's motion for deferfing the iliscussion on the grinding tax until reforms increasing the revenue of the State. Count Camliray Digny opposed the motion, and numerous speakers Saturday Signor Crispi's motion was rejected by 213 large majority an order of the day mored by Siknor
Minghetti, invitinu fhe Hinstry to rresent within a
month a bill for effecting certain savinee month a Bill for effecting certain savines and modifica-
tons which would produce gnin of 100 million lire to
the Treanury in the Budzet of 1889 . The Chamber alo approved Signor Bergoni's order of the day proposing
that the grinding tay should bo disensed, but that
the House should reserve its final npproval of the tat until after all other finangin ineasures had been disof the day. The debate on the grinding tax then commenced, and has continued daily during the week. The A.f1han Panizzi and the Marquis di Pepoli. Prince mand banquet been crentel Vice-Admiral Farragut Commander of the Inth to Admiral in the Mediterranean, by Admiral Provana, ComGander of the Second Nawal Department of Ytaly. prucipal mlitary, civil, and municipal suthorities were present The greatest cordiality prevailed. The

 May station by many of the prime ipal citizens of Naple zo an enormous quantity of impandescent matter to a areat height. Dotonations are sery loted and frequent,
t the flos of lava is not abundant.

Papal Sxates, Monsignori Lucien Bonaparte,
Gonella, Barili, Berardi, Moreno, Borromeo, Fertieri, La Valetta, and Capatti were created Cardinals in secret Consistory on Friday. The Pope pronounced a
short allocution on the orcasion. Soveral bishopa were apponted to warions dioreses in Spain, Mun zry, ©w Yaca was appointed Major-Domo of the Pope; Monsignor Marini, Under-Secretary of State; Monaignor Franchi, Nuncio at Madria; Man Brusels; Monsignor Bianchi, Internuncio at the Hague; and M. Pope held a publio Consistory in the presence of the memhers of the Diphomatic Corps and other distin guished personages. After hasing taken the oathe
new Cardinala received their hats. The lowe after
wardshedda priste Consistory, at which he prevernind Bushops for the dioceses of Quito, Lrousville, Enise, and Holmess then conferred tho ring and titles lapon the new cardinals, Cardinal Bonaparte received the tule of Saint Pudentius and was appointed memher of the monies concluded with the usual rites and the grantung
of indulgences. Count de Sartipes, the French Ambassador to the $\mathbb{H}$ oly See, gave a reception in the ourse of the day
Grerces-- Russian vessels arrived at Athens on the A Rustian corvette arrived on the 12 ghe from CandiaA Russian corvette arrived on the 12th with 300 refugecs from Candia. The total number of refugees now them, and siokness provails to a great extent. The coming elections promise to be attended by considerable political excitement.
Sybla. - In compliance with a telegram from the Chancellor of the North (ierman Confederation, the Consal of the Bund at Constantinoplo has visited derusilem, to investimate in person the parsecutions of Consul lias procured the release of Rabbi iseh from roufinement, and has removed 1)ragonan lighud, the $1^{3}$ rusima consular renresentative, from has pust
Abmivit Sir Stalford Northente lias recervel the following telegrams from Nir Robert Napier:-
"Prince Kassal met me yesterday, with about 10,000
followers. His demeanour was extremely friendly. We conversed together for many houra, and our intereourse was most
gratifying and satisfactory. The Prince noeompanicl me kiz the aftergoon to a parade of my troops, anter which hime helif
 sball narch to-fay towards Aotalo.

## "I arrived here to-g.ly, with the winge "Antalo, March 2.

Artillery. The aduance column moves towards Ashangi
MaUritive. -The fever is on the increase in Manditius, and there is much sickness ancong the better daily, out of a population of 60,000 . The north of the island is now free from fever, which on the other hand island is now free irom rever, which on the other hand huitod extent for the first time at Savanne nad Grand Port. The total mortality in the island from the list to the 1 the inst, was 1010
JAPAN. -Intelligence from Japan announees, that the Tycoon has been totally defeated by the Daimios, and has fled to Yeddo. The intestine war paralysed trade. The Mikado had addressed e note to the foreign ministers declaring that the treatice would be respected. mbarked for sarevy in consequeace of tie pravailing hostilities. A French or American vessel of war had been fired into; it was not known whether by the rebols or by the troops of the Japanese Government.
Cmisa. A great fire has occurred at Foochow. The loss is estimated at 200,000 dollars.
Adstraria. - Tord Belmore, Govemor of Nen outh Wales, arrived at Sylney on the 7 th ult
Linited Statpa - The House Committee presented oo the Senate on the th inst. 12 articles of impearlhment againt President Johnson, charging lume with henure of ()ilind maw hemeanours in violatiog the Mr. Stanton from the War Oflice and the appointment of General Thomas without the advice and con-
sent of the Senate, in connpirug forcubly to soize the
public property in the War Demartment in

 gress in public apeoches in terms unbeenming the Constitution by not enforcing laws specified (I) the 5th the Senate orcanised itself as a Cour on Impeachment. Chief Justice Chase, who presided Johd all the Senstors, took an oath to do President crat, objected to Mr. Wustice. Senator Hendrick, a Demoon the ground that he was directly interoster trial, result A Ater a debate the objection interested in the and Mr Wade was stworn. The mana with Trawn, impeahment on the part of the House formally appearance. Thr Sesident Jolanson should put in an March. to which day the to appear on the 13 th of authorising the minear thaneat Murt adjourned, after Thes Senato admutor naths, ind to take tautimuny When Attorney-General Stanberry, Jur the brial,
Nelson, and Cortis, Black
appeared as counsel for the President of inupeachment on or before the 2ump
adjourned to that day. The Honco adjourned to that day. The Hopse of has refused to receive a protest from
members, declaring that the nasor
ty ranay in limating the debato iy ramby in limating the debate mapeachment under a strice nonncing the impeachment a The Democrats have carried and Roohester by increased ut Jefferson Davis has been enthulased Now Orieans. A riot has oechrsed on About 1500 men were engagod, pist
clubs being freely used. wounded, four of theme fatally Delaware, is dead. The Hon. hom 1850 to who was American Minis ult., at the age of 83.
MEXICo--Advices from the oity of Merim 15th February, state that Yucatan had beal Beazils.-Advices
Brazils.-Advices from the seat of wir :
after a conference between the Adminal
Gencralissimo of the allied forces, the intends Generalissimo of the allied forces, the intempro
upon the Paraguayan position at Humsits poned, Upon receiving information that thas ment proposed his dismissal, but this wa the Emperor.

## \#parliaurct.

## Iv the Houss of Loris

 er calling attention to the the jum erery arising out of the ritepaying cla Act of last year, referred at grea in explanation of his speech at Edrulize the Conservative party were exccedug been subiected, and said that he cond publio life on the terms to which virtually lowered by the publio conduc polioy of the First Minjster of the Crom. CHaNCELLOR defended the Reform rating" which the Duke had tiven would have been honestly repatid hat on slinister of the Crown happened to hy the public confidence could not be piren to party after they had asserted one poito in and reversed it when in power. TheBUF that uney had only at last succeeded but by consultumy theating it an longer sub,ert of its ow u reconstruction After som by Jarl Grby ard Earl (iriville causes, the Earl of Devun expressed arise from the working of the ratepayl would be advisable to simplify the proce the poorer class of householders were exmased
ment of rates. On Monday the Duke of MasL gave notice that on Tuesday the 24th i call sitantion to the subject of elementary Fingland and Wales, and would monoum renerence to it. The Railways (Dxtensm Council the Eoclesiastical Commissionan Tuesdey the Were read a third bras the Marquis of Clanricarder, that ti to ing objection to the appointment cedure of Quarter Sessions Courts Thursday the Bishop of Yos the full provileres of unembers teclared his opmes of that no da the religious character of the (urenithe Church to the Sonate and to profesorsh. pi. colleges not anos aumite tos the novernaw Ritual Commissinners would shortry he m. representation. Yesterday the Duke on
moved the second ways Bill, and said that
accounts, annual returns met the rreat ariem with
to colle tions of small parce Kins. Lord ReDESDALS made
Bill. The House was left sittine In the Commons on Friday the aijoums, Ireland was resumed by Mr. C. Fuzise Menf the real prievances

## Mr. H. A. HERBRBT, and Mr

 Were at the root onded that the rigtraís of proper
and each tenant would, at the
the Chure freeholder of the land he
the Church question, he considered


Want of that congtant and minute suparvision of the
workhouse aud its offlcers by the risistige comnitten Workhouse aud its officers by the risiting committee enjoin, and without which there is in cereurity for good management ${ }^{\text {s }}$ It con ludes hy remarking that some
of thi $m$ re perious charges disproved at the inquiry appear to hase boen rounded upon information given
by pr. Pu, by Dr. Puwell, the medical officer of the workhouse, for
which there was no adequate authority, gnd the Board express their strong disapproval of his conduct in repard to those mistrepresentetions.
LaNCAsTEs. - George Nuttall, who has been under sentence of death in the county prison for stabbing a
man in the streets, supposed to be in a drunken row, was respited on Saturday.
Wheps. The rince of Wales has signified that he
will
wepeit the National Exhibition of Works of Art in Whill open the National Exhibitition of Worke of Art in
 Popery lecturer. who had ben taken into custody un the previous day, was brought before the magistrates on


 in 2002 . to keep the peace for 18 months. On leaving
the court he was loudly oheered by crowds of his the court he was loudly chpered by cropds of his admirers.
ToDROMDEN-An inquest was held in this town on on the 12 th inst. from injuries received in his struggle with Mules Weatheriil. The jury, with two exceptions, Fas composed of the sume gentlemen who sat at the
 wider spontence no leath fur then murder of Jane smith reason to hope for her reeverery shat has been alle to describe the scene which took place in her bedroom When the nurderous attack was made. She states that struek a light with a matoh and came to the surued Mrid. Mra, Plow hat enered, herself witt
btede bedolothes, and folt him trying to pull
the the bedelothes, and felt him trying to pull prevented him from, uccreding and he then went
to the foot of the bed, removed the cradte in whin the baby was sleoping lifted up the bed-clothes at the foot, and fired ap the bed. The bullets missed Mos. Plow, who sprang out of bed and made for the aoross the bed into a recess between it and the wali. Weatherill followed anl struck her dawn upan the
bed with the poker. She then covered lier face with bed with the poker. She then covered her face with arms with the poker until from eheer pain she was
compelled to remove them, when she received a fearful compelled to remove them, when she received a fearful
blow upon the fage After this she summoned up courgge enough to lie quite still so as so impien her
 and Weatherill, no
TVESTON-sUPER-MAaE.-The village of Winssombe, Iging un ler the Mr-adip Hills, has just been the soene of murder, prubably committed during inganity. On
Friday al lad 13 years of age had boer employed hy Mr Heary Hancook to keop birds off a field that Mras recently been planted with corn. At 66 otclock in the evening his lifeless body was found about 10 yards from thel giltow in the throut, extend ing nearly froin anr
 constable at linan cell, and vatel that he hat just piilled a boy The constable was at the time out on duty, but
the landlady toduced Holmes to remain in the liowe until he arrived when he was convered to the lhe louse station. He stated that he was a son of Colonel Holmes a retired officer of the loth Lancers, now residing at lived With Edwin Goffrey, turf cutter, at Eliutoton, near Bridgwater where ho had been, placed by his
 road. On co, amine had thaseld several persons on the
lade whe where he suw the lad $t$ work hemila no longer reacist the temptation;
 evidence she inquest on Monday the medical weak intellect he was not an imbecule, and was fuill accountable for his actions, The jury returped a verdict of Wilful Murder, and the Coroner committed on the 2 th th inst.

## Ereland.

The Fenian Trials at Cobe.-Captain Mackay, Who was acyuitted last week of the murrer of Constable
 his trial until next assizes, in order to procure t tle
atenanco of General Massey, the Government attendance of General Massey, the Government in-
former, Mullany naw a prisoner in London, and others,
to refute the Judge O'Hagan deferred of the the influrner Coryting Judge O'Hagan deferred judsment unti! Tuovila,
when he ruled that unless tut attendare of the Witnesses equld be obtaned belore the close of the next assizem. Op Wedgesdey the witnesper required
by the prisonep for his defence artived in Cork,
including the informer, General Massey, and Mullany, accused of being concerned in the Clerkenwel
explosion Captain Mackay wa- therefore put on his tril on Thur-dy for treanon-felong. The mformer

Corydoun propel the conspiram, and his having met the prisonor at Fenian mivectings in London, Livervool, | Dublin, and Cork, with several of the lealers. The |
| :--- |
| prisoner, he said, with James $\mathbf{O}^{\prime}$ Brien, who was |

 O'Brien. evecuted at Mapchester, were appointed to
colnumd the insurvents of Cork at the ising last March. Other witnewes proved the prisoner to have
commanded ou the occasson of burning Ballynookane commanded ou the occasion of burning Ballynockane
police barryoks and robbery of arms from private police barrasaks and robbery of arins from private martello tower last Christmas. The case had not oon-d
oluded when the Court rose, and the jury were locked up. In the case of Timothy Mannix and Walter Welsh, who were charged with attempting the resoue of Captanl Wh hus, the jury wre distharged without
agrcemg to a verdict. Daniel Dineen was charged with
 evidus ro oue of the durs men was taken ill, and tho on his trial before another jury.

- Finian Amtacks on Magistraves Rpsidencess. attacked the onde housp of Old Carmed body or Fenians of Cork, the residence of Mr. Alexander Glasgow, a magistrate. They attempted to force the londge door, stood inside, ready to fire on the first intruder. Befor effeeting an entrance they were alarmed, and fled. On Sundas night an attempt war mide to fre the Chegeela Glebe Houre, near Marom, the residence of the rector, the Rer. Edward spring, but the flames were
ronlined to the adjonning out-affice For some niphts previous missiles had beon flung through the windows, and on one occasion the asssailants were fired on. At ten oolock on wednesday night an arned band of wiles of Cork, the residenco of Mr Henry Lindsay Youpg, a city and county magistrate. They attempted Yo force an entrance by the front and rear dorss. Mr.
Young the alarm bell rung, and fired at the awailants, whicl. brouyht the police from the adjoining stitions, whet the lusurjents fled. The Dullin Gazette
contains a proclamation offering a Government reward con tains a prociamation oliering a Government reward
of anol. for the apprehension, and 1006. for such informetion as liall lead to the apprehension, of the lerpetrators of the recont outrage at Mr. Newenham's realdence, counts Cork
Discovery of a 'Toreseno- - An American torpedo Fhitl was found in the house of David Murphy, who was recently arrested in Lipuerick on the charge of an Honduy timariols, by Mr. Ambrose Aule, sub-gheriff, It was Murphy, it is stated, always alleged that it was empty.
 Cork liss bean emmittel under the Lord-L arnived in warkant. II mame is lirancis ('omnell, and upt to the lart few days he had resided in socroman
Dischibge of Fenian Prisonerg - John Rooney, Robert Kelly, James Lawles, ntud John Harley, who Fere among the af peraons the landed from the Fenian ahup Jacknell at Helvic Hearl, near I) ingervant Sere discharach from Munatjog Couvict Prian of States, and are not of the aumber aganst uhom true hitls were foumd at the late ansizes for Sligo. They Were removed in charge of a body of constabulary to
Quecustuwn where they will embark for Amerioa The passage-money has been paid by the United States Government for Rooney, Kelly, and Lawless. Harley stated that he had sufficient means, and wa allowed to pay for himself. An American prisoner named Jeremiab Murray, otherwise Buckley, has also been libe of Limerick, who had bera confined in Mononty Prison linder the Iord-Licutenant's warrant lor a Limerick, has been roleased on enterine into bis in recognisances for $100 t$. to be of good behafiour for



## 3 3iw

 - Mites Weatheritl was in 11.t.el fur the whilful morden Murder of Jane
Smith at Todmorden parsonage on the 2d tnst. The circum
stances, which have aliendy been fully noticed ty stances, which bave slready been fulify noticed in our Provin-
clal News, did not leave the shadowe of a doubt as to his guilt and if any had existod, his own stataments and confessioms Wouid have been sufficietht to astablish the charge. For the
defence a plea of insanity was set up. The learrued judge in
summing tup said that the only summing nup said that the only question for the juyge in
whether, when the prisoner comzaitted fhe murder he was whether, when the prisoner cominitted the murder, he was
legaily answe rable for what he did? The law entholties on legally answt rable for what he did? The law enathorities on






THE GARDENERS' OHRONICLE AND AGRICULTURAL GAZETTE
 Lunting in the nelyblucrabxd wi Fullech Hall. We beat
 of the Hon. Heury Fane, seond mon of the edghth Rarl of
Wextmorehnd. and was connequinely buther of the late



 formor of which he was sceverely wounded. He had received tho war medal and thres claspa for Vittoria, san sabasti.,
and Nive, and the Waterloo medal. In 1855 he Was apy inted colonel of the 96 th Foot, from which he was removed in 1860 to the colonelcy of the $54 t h$ Regiment.
Major-General Geohge Kivo died on the Ilth inst., at
Bradford Abbos, Dorset, in his 55 th year. He entered thic
 and captare of Ghatate, stornmus the Khoora, Cabul Pass, affair of Texien, forcing the Jupdulluck Pass, raduction of the fort of Mamoo Khail, defence of Jollalabad and sortioe, general action ann tefeat of dkhar kbanh beforo Jetiaiabad, storming recapture of Cabul. IIe Also gerped In the Crimea from Jume lis5, thi wis at the slege and forlo of Sebastopol. Ho served


 Mom uur. and of the Orter nf the Medjhite, sth class, and recurred thu Turhish medat fir his services in the Crine...
He retired a few yours kukk onl fill pay, with the rank of majar-ganeral
The Reve
 ( hating Croge Hospital. Ho ongaged a Barsion call betwech Arch, and ordered the drice to tike Lim tis the Hiaymarbet. On arriving there be was found to be Insengible and was
Oaken to the hospitait where he dfod, 12 hhours after ainimssion, from apoplesy. At the inquest on Monday, Mr. S. G. Grady,
Recorder of Gravesend,
identified the body. wi thit it the lev. Henry Christmas, or as he recently called himself, the
the Rev. Jenry N I' Fenrs, havinz askumed his mother's


 of hrtisil History and Arcliavlogy to tho Roynl Society of
Literature He bad latterly leen siffering froin gout. The rnedical evidence ehowed that death arose from natural causes, and
The Rev. Dr, Mobert Lase ministar of Old Greyfiriare Chiarch, endespours to introduce into the Church of 8cootland what are
called "innovatione," died at Torquay on Saturday last, in his 63rd year. He never recovored entitrely from a sovere sbock of tarals sis by which he was attacked fi May last, and he left



Catholle dioce
 leading men armong the loman Catholic olergy of the metro-
polis, and 4 zealous promoter of all works of charity conneteted with tiat compunion.
Bis C. J. AXDERSo






 a. Ligits in England. propumed to publish " An Hiluatr sted
Funi of Mouth west ifrict He diad in the wilus of Ondoga, near Oramlas latil, borthring on fortugues 19th ult. She way the dangiter of the grent Mrs. Siadons, and widow of the mutloor of tic "Ci,nstitution of Man, " Wham she manyed in
1Q.3. During the she was hi4 cumpanion in all his journeys, spending three in roost of the primcipil turns, and collected materials for his work in the United shates, to whiah Yirs Cumbe contriluted a descrptiun of the sh ro secnery near Purtiand, in Maine.
imrs. Cumbe was tho latt survivor of her fanuly.

Wiles. The whll of sir Norton Jnseph Kuatohbull, Bart., has been aworn under 25,000 , personalty; Mr Samuel Eyres, of Armley, Leeds, $1,200,0001$. H . Hr . Honry Tull, of 18 , Cork Street, Burlington
Betchworth, 40,000 I.

## fflanicts.

Hay.-Per Lond of 36 Trisses.


COVENT GARDEN -Marca 21.
Foreign imports, conalisting of Aspurayus, Green Peas, Arti
chuken Lettuces, Endive, and Carote are atill hea

 atill realising high prices, those quoted ht 8 s . par ib, being
inforior sorta, chicety employed in confectionny. Btrawberries coutinue to make their appearance. Cornish Broceole is atill plontiful and good. Potatos have not Alterod in prico since

 and Roses
and

FRUIT.

 Lemons, per 100, 6s to 128 ( Wralnuts, yer bushel, 10s to 20. vegetables.
Artichokes, per dok, $2 s$ to $3 s$ IMint, per bunch, is
 Seans, kiduey, p. 100,28 to 3s Cabbagea, per doz, 18 to IB 8 d Carrots, per bunch, od to 8 d . Celery, por bundle, $1 s$ to Is 0 d Cucurtiverare, each, 20 to 40 Endive, per econe, 1 dod to 20 Garlic and shallots, p. tb, 8d Herbe, per bunch, 8, to td Letks, por burnch, id to id Paranilpse, per dow, 3e to 5 E
 Potatos, York Regepts, p. ton, - Rocks, do, 1000 to 120 s
 Lettuces, per dos., ${ }^{2}$
$\qquad$ Soakale, pr purnn, 1 s to 18 od Spinach, per buyhol, gan to

POTATOS.-Boothwark, Monday, Marola 16.
Durlact the week the arrivals constwise and from abroad have stom in exty 140s, to 1708, quotations: - Yorkshire Fukees Per toin,

 Freach and Belpian Whites, gos, to 9 ss,

HOPS.-Borover Marixt, Fidiay, March 20
Mesarc. Pattendon \& Amith report the market firin at whe advanoe, with a very limited supply or azoice dascriptigat

COALS.-March 18.




 Walls End Orighal Hartiepool, 18s. ©d.; Walls Hud Heugh Hall, 17日, 6d, - Ships at marlct, 39 ; solld, 22.

## ENGLISH WOOL

There has been a good demand, and prices are again dearer Ghar amounds to be made from English and cinilar elide There for goods to be made from Engliah and eimlar grades


## NEWGATE-March 20.

Best Fresh Buttur .. ... .. 1 le. per dosom th


METROROLTAN CATYLG MARKET
Konday, March 16.
There are a few more Bearts than on Mondar last; the averuge quality is very middiling, coneequantly choles qualitios Sheep are more plentiful, and trade is not quite so active, yoi pricos are soarcely any lowor trood (alves cuntunue scirce apo dear. Our foreign mupply consiets of Bensts; from Ireland, 153; from Nortolk and Suroit, 1800 ; and 840 from the Northern and. IRolland Countlen,

${ }^{\text {an }}$ d. B. d.
4
4
4
6 to $^{5} 10$
2d quality Beasts $6-410$ Emes た2d quality 3 - $6=4$ Beat Downa and
$0-38$ Du nhura
Half breds

$0-54$| Cumbes |
| :--- |

 Thursmay March ly.
The supply of Beasta is very manall, but the demand is very Mon, and conse.juentry pricus have not adranced from trado if dull, consequently prices are lower, and a olearapos
 33 branta, 1910 Sheop, 151 Calves, and 25 Figi


MARK LANE-MoNDA, March
Thu supply of Wheat from Esfex and Kent to this morming's market was very small, and net a sicum wale at the ratily attended, and fureiga Wbeat wias tiken in retai! only at lont week ratos, grinding and white Peas difficult of salo. In the whe of Bonns there wan no change. Onty nold glowiy of

THE GIRDENERS＇CHRONICLE ANT AGRICDITTRAT G．SZETTP






## 

## Poland and Brew 



 －Furtign
$\underset{\text { Excepting sume }}{\text { Frug }}$

 fain an alvantago on price for atch，in the import mark ote，



 well an for Conturental requiretich hite

 the List for resalle，the tradel beecimo dull，and prices filty ls．



 The litille Engligh Wheat on alle was tikenat Mond．y＇s＇prices；
 Oats wero purr hasebible upon mother ensier terins．

|  | Wheat． | Barley． | Oats． | Flour． |
| :---: | :---: | :---: | :---: | :---: |
| Eagliah | 1110 чrs． | 570 qrs ． | 330 | T 50 tk ． |
| Foreign．． | 29，490 \＃ | 6960 ， | 20,400 |  |

 Wheat hore was rair cemana；white doseriptions unchanged

 and od．por or．lower．Canadian Peas miver，Other articles
unchaniged． Fheund，March ${ }^{20}$－Tha market was thinly attended．
 Oitmeut steud，at Tueschys rates．Indinh Corm nilxed a former，and 399． 6 d ．to 40 s ．for the latter．

|  | Wheat． | Barley． | Oats． |
| :---: | :---: | :---: | :---: |
| Fob． 8 ．． | ${ }^{3} 384$ | $47^{2} \mathrm{fd}$ | ${ }^{268808}$ |
| － $22 .$. | ${ }_{4}^{4311}$ | 42 42 40 | 26 ${ }_{26}$ |
| － 29. | 734 | 42 |  |
| Маг． 7 ．－ | 738 | 4.31 |  |
| 14. | －3 1 | 43.3 |  |
| Agt．Avernge | －3 | 429 | 26 |


W ANTLED，as GARLENLK，a married Mnn，who will


 W ANTED，an active stedy，and induatrious YONNG


W ANTEU a Young Man，as GROWER of SOFT－


$G A$ ARDENER－There is a VACANCY in a Gentle－



 man in fropogititon of llarily shrubbe and Frut Trees，and executing
W cartide on a Market Garden，where Forcing is

W GiTED，several respectibibe JOBBING HA＞DS．－






W ANTED R STOCK－MAN（Wife to look after Dairy，


W ANTED，a LAD，about 16 years of age，to Assist in


## WANT PLACES．－Letters to be Post Paid．

 H XPERIENCED GARDENERS（or as GardENER To Gardeners and Ballifs（Head，Foremen，or Onder） JAMES CABTER AxO CO．having many appheations C）for the above requegt that thoos wating situations Fill Aond REGCR「EER．ND Uay those tho enn mend unquentionable referonces need spply
Aby Lady or Gentieman ruyulang Gardeners or Balifis may rely ruforenctanter \＆Ch xdoptanz the most stringent rosuastions in
 ITK．WM．YAVL berg to announce that he has

 －MBROSE Noblomen and Gontlemer．
Fin．than．years whth Slr Henry Meux，Hart，at Thoobald＇s Park，


 CARDENER（HyAD）．－Age 40，no incumbrance；las Or had 20 yearn prastice in tha routine of Gardenlng．Caramanage son＇s Nuracty，Welliagton Road，ist．Julin＇s Wood，N．W
（ARDENER（Hfidu）－Martied；perfectl understands This profeanion Wife can uxdortake a mrnall Laundry or Datry．

GARDENTRR（HRaD），－Age 30，married；thoroughly
 （TARDENER（HRAD），a；ere 35，married，－3Ir，Wx．
 （YARDEAFR（HFid）－AEe S\％，mirrind；thoroughly
 CARDENER（HFAD）－Age 30，married，ne child；
 （ARDENBK（HMN），－Age 32，married，one child



 C．Ass Ppantenred in tho Fin，Grumer，Fritit，and Kitcrent Garden，frat－
 CARDENEK（HEAD），JOHN GOODE，Head Gardener Irolind，is Ret litherty to theat with Any Nobleman or Gentleman regulfing a thorough Gerdecer；will be cilsengayedi tho lite of April．
 honse Theos．Fupcirg，Pina，Yinct，Peacha，Strabherries，Orchard－ yenrs in preseat uithat，on infennd Greenhoube Plants．Fourtion

（ARDENER（HRAD），Ake 31，mamed ro


 （TARDENER（HPAD or Sivgle－HaNDE
 （TARDENER（HEAD），or GARDENER
 （ARDENER in a sinall Famity，－－s mended，$=G$ ．Menkir，Polesden，Dorking，Surre？by be （ARDENER．－Age 33，married，

 Cosands Foroing，Kiteben Garden，and Fover CARDENER．－I he Advertiser is desima
 Arst－clina
Carlisle．
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（TARDENER（UNDER）．－Age 24；good elant
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 Witl bo nccepiter Five $50 . a r$ In presont mitnatuoe TURSERY KOUKEMA A Or MANAGEK－ 1 welf up in both Indoor and Outdoor shasioew Tin hat long siperionce；minld have
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## TMPROVER To Gentlomen＇s Gardeneri，


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E，Prince of Wales Torrate，Kennington，$W$ ． BALIPF－Agu 27，has at preant the yit

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To the Seed Trade．
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CAMEKEEPER．－Thoroughly

## The Gardenergi Chromicle 

SATCRDAY, MARCH 2S, 1868.
THOUSES for the MILLION H CHEAP, SDPBSEANTIALL And EASILY FIXED.

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ner


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niland 8team Power Horticultural and Fot wator

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 hodrots of works entipprobation, is propared to give reforence fur homse Glazen sinefle or doubte with or without putty rie co meaduzer siogie or double, with of without putty. 2o the who constructed by his Patented Ventilating prinoipio to ? O. Mt once placing the plants in the external atmosphere. -has matrincin's Boller prosscoses all the advantages of th
 sh cleaned; grosaibly be obtained, tho whole of whtch can be Tated at work medo upon thio improved priticipla not ono he
 Frikis and gotlomareles sapplied for all kinctis of Horticultur


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They are made of all sizes, which, wth pricen, may be had on application.
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 the adyantage of whith is obrious Here 18 no brushing r cleansing of Tubes required in this Boiler
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 Frarm purposes. under the provisiona of anv Act of Prarla ment, Royal Charter, or Commissim, to reaplect of aly public or
 expenses on the lands improved.

 executiou of the Worhe, which are controlled only by the Govertimen


## 

The Court, -On Friday morning the Queen walked in the grounds of Windsor Castle, end drove out with Princess Louiss. In the afternoon the Queen drove princeu Pusa Princess lousa, of Cambridge, and returised afterwards to the Castle. On Saturday the Queen drove out wath Princess Louls Greenwich Park rhe Lord ('Lancollor Mrrived from Greenwich Park The Lord Cunedor Mnns., Mame On Sunday the pueen anl I isal Fimily attended Divme servace in the private chapel. The live. WF. It the Queen drove ouk The Duke and Duchess d'Aumale visited the queen and remained to luncheon Prince Artaur The Lord Chancellor also left the Canle. Ia the anternoon the Queen walked Princess Loulsa. On hescay morming tho queen arrived at the Cisille on a wsit. T'ue President and arrived it the tho Rusal lcademy arrived at the Castle and presented for her Majesty's sanotion the transactions of the Accademy for the past year, and land before her Majenty the diplomas of the four Acadamicians last elected for her Majesty's signathe afternoon the Queen drove out mith Prince Leopold and Princes Beatrive Princass Louisa Went to Londou, and Mined war Howse. Her Royal Highness afterwards accompanned Princo and Princes Christian to a Ball given by M. and Madamo Van de Weyer, in Arlington Street. On Weduesday morning the Queen went out with Princess Beatriop In he afternoon the Quen droze out with Princess Lanles. On Thursda moraine her Majesty went out with Princess Beatrice. The Prince and Princess de Jonavlie and the Duke and Duchess de Chartres visited the Queen, and remained to luncheon.
The Prince and Princess of Waless,-On Friday the Prince hunted whth her Majesty's stagPrince went to a lecture at the Rosal Inalitution. On saturday the lrime visited Mr. Leighton's studio. The 'rincess drove out In the erman then Ros Highuesses went to the Procensin Thematre On Sunday the Prince and Princess attended Divine service at the Chapel loyal, St. James's. The Bishop of Lichfeld preached the sernon, In the evening the Prance attended a meeting of the Royal Georraphical Society, at Burlington House. On Tuesday aftermonn their Royai Highnesses drove out, and and Madame Van de Weyer, at their residenve in Irlington Straet. On Wednesday the
Prime visited the studios of Mr. Jom Bell and Mr. Watice R.A The Princess drove out with Process Clamstian. In the evening the Prace and Princess Fere present at Mrs. Disraelis reception at the New lorety-ollice. On Thursday the pince hunted with hisharriers near PRINCE AETRE.-It is stated that arrangements are making for a tour by Prince Arthup, which will include most places of intercst in Italy and the East,
Priyy Corncil -The Queen nul hold a Council
at Windsor Custle to-day.
The Cabinet- 1 Cabinet Council Was held on Saturday at the oflicial residence of the First Lord of the Treasury in Downing Streot. Another Council was beld on Tuesday, and another yesterday


## frorcigur

Fraxce. -The Moutcor of Friday sublehed, without comment, long extrat ts from the pamplidet, with the motto, "Vox Populi vox Dei - ln the sitting of the Legislative Bods on Fridy, the Givernment laid on the table the demand for a srant of $\because 000,000$ francs for the suceour of the starvules buation in his interpolintion relative to the cwanc.ls for the settlement of disputes betweell luatirs and workmen. After some debate lue Chamber passed to the order of the day, In the sitting of Wednesday the After Artiole 9 had been voted, the House adopted the entire Bill by 209 votes to 22 . The orders of the day being thus finished, the Chamber adjourned on the motion of the Prend dent. The date of fher next sitting is not fixed. The Committee has reported in favour of the Chanber las arred 1 , the thic cometho, ,ll of tho
 Sothertion, and M. Jule Fhedard, ohe of ti.e suot


 a late of hund the $l=$ of Non lee to that at Rennes The Impertal Procurour ordered the at hennes, The umperta1 crocureur ordered the arrest of three young nien charged mith the orence On their examination it whs found tuat their object was to foment agitation sir Roderick Murchison has Foreign Member, in phice of the late Proiesor Firaday. spate- - a num of fans crowns bu been incladed Victoria. Tue Corte= has adopted the Binl fur the supuression of tribunals of comusree. The ollicial position of the colonies, the Gorcrnment has conpracted with IIM. Biscloffsieim and Goldschmidt, of Loudon and Paris, a loan of 2,2000 nowl guarauteed London and Paris, a the colonies The Governuent upon the revenues of the colonies
will pay anually for the intere.t and sinking fund 1.3 per cent. on thie amount recelved. The Curtes has appointed a com. establsishment of a foucier bank
PobTCGIL
Portcial-The clections have rasulted in the almost complete triumph of the Government candi-
dates. Tranquilly prevail every where. DEMABK. - The Danisl Minister or War has applied to the Chambers for a for the fortulieation of Coprenlizen. The Dansh Governmeut has made known to the Great Powers its fears of anathe khy Pruwis.
Befcivit.--Disturbances have tahen place in the

 Thibaut left Bravels on Turtat io t ...the what a reviment of Crablater:
and a cuetachment ul tanas i place at midnight at Chatel at at butweat thto Troup and the rioters, in which eight mea wero Inlleal ind ten wounded.

IIuLLANB.-In the sitting of the Socomil Chamber on rruay the anpointed to inrcstigate the diplomatic documentis concerning the guestions of Limbure and Laxemburg wis continued. The Minister of the laterior demanded that the conclusion of the commitee a rep to vote on the foreing nolicy of the Goremment, so that the Ininistry could make it a Cabunet question
Sinisty roun - man called Siozert, an ambrella naker of Dresdon, isttempted to shotot the lramen leotal of Saxony fast wew. Lie was itmmeundely arreste sumu arsionc to be msane. Ite law conmerumently 'rem ordered into jermanent contmemelt in a sumathe
 George, has beeu sumnionted to alyier ont the bith of
July before the criminal court of Berlin. Fe is obarged with hikh tresson, for hiblaq, belng a Prussing

## TIE GARDFNFRS' CHRONICLE AND AGRICULTURAL GAZEITE.

Mitich

Hibpect, attumpted in $1 \times 67$ and 1868 to separate the
province of Hathover from the kingdom of Prusin HDsse Inarvatalt - It in rumnured that the Queen af Darmsta it, and will thence go to fotluz.
 Jerones stond in the salle les Etats of Westphalisa, has heen fonnd in a hay-loft of the garrson of Cassel. As som as tha diwrovery came to the knowledge
 npe ned at Berlin on Monday by the King of Prussia White salon. His Majesty in his Speech from the Throne announced the turther development of the and muntoned the modification of the postal arrance-
 which the representatives of the North (ierman Conmad in conclusion satd ho was convinced tbat the of the Parliament. The sitting of thesday was adjourned, owing to an insufficiency of members heing present to form a quorum. In the sitting of Wednesday Dr. Simson was re-elected President by a
large majority. Duke Ujes was elected first and Herr von Bennigsen second Vire-President. othicially stated that the Prusaian Government has addressed a Circular to its representatives abroad in
reference to the recent visit of Prince Napoleon to Thering. It is added that thes is not an unusual step, but in conformity with the diplomatic custom that When a dustinguished personage visits a foreign Court
the fovernment should explain the visit by a Circular to its diplomatic representatives, In the present
instance the Circular expressly states that Prion instance the Circular expressly states that Prince
Napolen liad no political mission. The the zonuyest smo of the Cromn Prince of Prusia was celehrated on Sunday afternoon. He recelved the
names Joacham Frederck Ernest Waldemar. The golfatliers and godmothers provent were the The (zueen, and Dowager Queen of Prussia, Prinees George and didalhert, the Cepares itch, the Crown Prince and Princess of Sis rony, I'rnce Aukustus of Wurternberg. haxe-Wemar and Oldenburg. The King has appointed 'ount lismarck hereditary member of the Upper
Honue of the Diet. Austrit. - In the sitting of the Upper House of the Rencharath on Friday, the debate on the Civil MarFiage Marshal von Gablenz, Herr von Kraus (formerly Minster of Justice), and Count Anton Auersperk
 Hame Tho rlase of the general drectassion was then
 nage Bull whould be adjourned was defeated by majority of i5 to 45 , and the proposalis of the ninority
of the Commuteo were then rejected by a manority of 69 to 31 The Bill then passed by a large majority. In the sittomg of the Committee of the Bill the majority an Saturday tim the Public Schools the linely as passed by the Lownr House The minority mitee, which should be instructed to draty up a nomBilt having for basis the preservation of the unfluence of the Roman Catholic Church over the religious and the denominational syytem, and the maintenance of schools. In the sitting of Monday Cardioal Rauscher and his political friends addressed a document to the of Saturdily on the Civil in consequence of the vote of Saturd:ly on the Civil Marringe Bull, they were no lonker able to take part in the discussion of the House. forter this dor ament had been read. the order of the day for the jpectal dehate on the Civil Marriage Bill was
brought up, and the Bili, with a verbal alteration, axreed to by the Government, was vead a second and
third time without debate, only $1 /$ members coting

-
of dinturbances or accidents orcurred. In thesitting
of the Lower House of the Reichsrath the Finance Miniater of the Remehsrath on Tuesday erntinuance of the proplsimal levy of providing for a Anru until the end of Juve The Minster than prosceedied to explain has financial liblls for covering the
daliott IHe vardThe He vali-






upon to tano military meanurea, and in that cane it would
nandoubtedty bo necosary to have recourse to un increased




 the apace of three gears, provide a extraordinary circtim
stances intervened."
The IBll for the abolition of the imprisonment for deb
The IBIl for the abolition of the imprisomment for deb of Thursday the modifications of the Civil Marriag Bill, proposed by the Upper House, were adopted. The Government bill relalive to the provisional levy of the taxes until the end of June was also passed. In the sitting of the Lungarian Delegation on Tuesday an Imperisl revcript having been read, sanctioning the close Falke, rose on the part of the Chancellor of the Empire t thank and salute the Delegation in the name of the Emperor. The President then in an eloquent speech the final sitting of the Reichsrath Delegation on Tuesday Baron Benst, in reply to a question, kaid that be hoped the Austrian expedition to Eastern Asia would leave in the course of the summer. The Chancellor of the Empire then announced the Imperial sanction to the resolutions adopted by the Dpagation, adding that he was commissioned by the Emperor to express his Majestys satisfac He also thanked the Delegation in the name of Ministry and said that the misgivines as to th auccess of the Delegation had not been realised. Thei proceedings had quite come up to the expectation peace pained. By endorsing the decisively-expressed peace policy of the Government the Delegation had Imparted to that policy a redoubled emphasis, The
President of the Doleration then delivered the closing speech, in which he lajd stress upon the fict that peace speech, in which he lasd stress upon the fact that peace tional sased on the of things and on the concord entistin betwe state of things and on the concord existing Crown. The Session was representatives and the Crown. The Session was closed with three cheers for life Fimperor.
Rebsuia.- in Imperial decree, dated the $29 t h$ of February, was made public on Saturday, by which the Government Commission for Internal Affars in the Kingdom of Poland was abolished, and its administra. tive jurisdiction handed over to the respective autho rities of the Empire. The complete union of the province of the Kingdom of Poland with the other portions of tize Empire is hereby effected.
 Crown l'ruce of Prussil, will be present at the mar rigge of Prince Humbert The Archatuke Iouis In the Chamber of Deputies on Sunday Coun Cambray Digny prosented the Budict for 1869 . It estimates the ordinary revenue at $77.5331,83 \mathrm{j}$, and the extraordinary revenue at $98,981,031$ lire ; the ardi nary expenditure at $041,611,031$, and the extraordinery expeaditure at $62,($ min 221 lire. The total deficit would herefore be 199, 15,509 lire, or $8,331,918$ lire less than made. The estimates for the Budket of 1853 ar Tuesday the debate on tho Grinding Tax was con tuesday thed as follows
Signor Correnti, epaking in tho name of the member acept the Grinding Tax as the uitimate consploment of
Radical reforms, and of other measures doatined to reatore fide public credit and a financial oquilibrium. The third party upport it. if fis policy was just and ad rantageonis to the i burch. Conut Cambray Digny roplien to the objection the by varuous speakers to his finathcial proposals. Ife refuter the of the financinl exndition of Jtaly, and demonstrated that not more than $5 i 4,0$, omb of eccleainatical property were
 "
 to an interpelatmon of Slanor siecaria, st ste 1 that the replying count Cambruy Ithonv comanerce. In the sitting of Tharsalay Tux by pointing out the nesessity for the tax, aud she Gringing the
tho penple were ablo to support都
The Minister of Public Instruction has suspended three quence of their having pubicly expressed Republicareported, but the studersity has not been closed a reported, but the students have protested against the continue their studies (ferieral Pallavicunt hefaserem to the command of the tronps for suppresing brigmadage

draperies.
extension of the provisinna of the Frazm
Inte retrospectively from the 1 st of
Austria, and perliaps Italy, will obtan
ditions, The French bripade Pother ha
Civita Vecchia to embark thensporta
brigade, Raoul, will bo concentrated
Admaral Farragut had an audienco
Saturday, and was very graciously rece
come on to Siculy, Malta, and the Whence be mo blessed the Golden Rose on Sunday in the the Vatican
TUREEY.-Tho Grand Fizier has presentes on Sultan a very able and detailed report on ba causes of the revoport explains the
onncessions granted. In conrlusion, the fom
says he considers the submiscion of the Crethos and the open aid afforder bs the (yreeks Aldermen Gabriel and Waterlow were ai they dined at the Grand Vizier's with the the Embassy. The Duke and Duchese of si The Grand Marshal luaki Pasha is dead.

Abyssinia. - A telegram from Suez dated inst., announces that advices had been recent from Abyssinia, stiating that $K$ ing Th intrenched on the l'alanta Plateau, intended giving battle. The Filt Was to advance on Ashangi on the llth plies have been collected in the pines have been collected in the ters state Lhat Theodore was said to Magdala, and was storinz the place al 0 baid to to be quite determimed to hebt Special Correspondent of the Ti Antalo, March 8, telegraph
"The advanced guard baq a
north of Lake Ashangi
notachof Lake Ashangi. The roass a

## will be at Ashangi ley the mid lle of Mard.

Cape of GOOD HOPE.-By the ('ape mat of th middle of May, as the Governor will not be 13 The communications addressed by Gorem is $\bar{T}$ house to Moshesh, the Basuto chief, and to the dent of the Free State, notifying the intent Englesh Government to nonex Branto bind mas jubilant, but P'resident l3rand had relued cessation of hostilities, and had rone to push on the operations of us c cumauders
Hasutos. The fever in Cape Town has da The death-rate, whicle during the worst epidemic was nearly 100 per week, has laten Eastern Province Herald reports taat som workiog classes and small tradesruent and emigrate to Monte Fideo or to retu exmbited spectmens he had collected of nodules embedded in pure white quartz. poldfields, and says he believes that some prove richer than those of The ship Tugela, of the Aberdeen quence of the parting of

## Ince been Mr Masco

Indra.-Mr. Massey made his fnane

and professions is substituted.
nor any new taxation. The propo
cession duties are totally re
he enerretacily prosecuted
Burmali states that the explo

## been killed. Lady Lawrence

## returning honse on accout

## O

oss is estimated at 200,000 dullarred at roo
Japas,-Intelligence

Foreign Mo Ministers declaring that the fratime moll respected.
purebending atrs - It is reported the
Virminia, hus orderel tho sarrionn of

## in that an armed organisation is being State Government. General 1 General Monpurhment tral crome on  ail the charges, and <br> refased, by of tit to be proceded with 10, ordered that the who trial to be proceeded with at so votes to 10 , ordered that the Pre. file his answer by the 23d inst., and should proceed as soon as the replicaresisned hit post, stating ish his reason thatho in the defenre of Mr Johnson The his entire time. The Ident has nomation, and appointed Seuretary nomation, and appointed Serretary

 a has refoed the Bill prolubiting appeals ir mit has beent postponed from March rail thth, aud his bail has been renerred hav pased a Bill exemptink fromu Hed an i fermenced bisuort, petroleum,The treats hetween line [inted States The treaty between 1he V'mited States If espatriation and free emigration, has been

Y CoLumpra.- It is reported that the autho-
iotoria, British Columbia, are organising the it Yiotoria, British Columbia, are organising the

## 

Houss of Lords on Friday, the Duke o moved bill, which he described as consustiag The first related to accounts and audits; thurd, to the safety of passengers, by fourth to comprensation for the appointment of arbitrators Ith, to matters of detaul, including savinit of the companies' accounts should be kept in a maner, and that copies should be furnished os majority of the shareholders to require the institute an examination of the GPEY, and the Marquis of Clanki Urged the necessity of an increased superTemarks by Lord Stanley of Alderbley, nod second time. On Monday the LORD the second reading of the Bankill, which he desoribed as and the Debtors Bill, which he deseribed as embody-
reommendations contained in the report of Committee of the House of Commons on He said that the chief evils of the existand much official interference and too
and the effect of the present 1 lills would e creditors themselves the masters of the Ifer some remark: by Lord Wivister by, Fury and Lard Rismiley, the Bulls brought in the Government Bull for flatat to was not proposed to adopt rating, but to retain those portions which related to the distribution c terms upon which the money Secretary of State to have the Lucationai matters under his con-
control, to embody in the Bhll chazes which related to inspection
dunnmuations as they were now
u* rellatiss bodics, to improve the insirer distracte, to modify the system
mahe some ad dition to the buildins i leamhng of ofe Clause by providng shool should be
with but withuraw flat every parent should ta! e an edo empontion the new 1.s.sesinfull infurmation upon the Miarhe from Earls Granville,
fiarrow 13 , and the Bishop of inme. On Thursday the Compulsory read a first time. Earl Stanioner E.- Columittee to inquire into the opewhether any and what alteration er opposed the repeal of the Aot: the Marquis of Clanricarde, and -pported it. The Lord CBancellor is case had been made out for inquiry, and who had borne the principal part in siastical Titles Act through Parlinobjection to a comanittee. The
called attention to the Commiswion on the Neutrality Lalls, and moved an addresis to the extracts of any further enrrecpondence that misht
 Ih r chan- Come Ilous was lef itting
In the Comons on Friday Mr. Worster called attention trithe effect of the law regulating the foreign countries, and especialy to the ( natedstates apponted to settle the matter, berauve Amerian lay equired alteration quite as muchas our own, Enh lind ffer some remarks by Sir k. P. Collien, Lord SANLEA said that he concurred in the general teathe doctrine of indefeasible allegiance, held alike by ourselves and the United States, was indefonsible n theory and inapplicable in practico. He had to said, instructed our Minister at Washington consideration, and to meet the United States half-way The political difficulties were very small but ieulary difticultien particularly in recard to repatriathula ave bemo tent legal authorities would be necessary. Mr. Baxter noved a resolution that no postal subsidies in the form o a fixed payment, and not dependent on the numbe of letters and uewsipapers carried, should be granted Where ordmary tratic supports several lines of passen-
ger steamers, as was the case between this country and ger steamers, as was the case between this country and motion, which was ultimately withdrawn at the sug gestion of Mr. Bright. After some discussion on the gffaire of Ceylon, Mr Giraves mored a resolution that the number of dockyards be reduced, that
Deptford, Woolwich, Sheerness, and Peinbroke hould be abolsilhed, and that the great establish ments at Chatham, Portsmouth, and Devonport hey should constitute our only, naval in future Mr. Corry in reply said that Pembroke was mosi useful for buildiug purposes, and sheerness in the event of a war in tha North Sea would be an invaluable station, but it misht be desirable, when the works at Clatham were rompleted, to abandon the yards at Woolwich and Deptford. Mr. (Chiluers also spoke in favour of the immediato or prospectuve abolition o remarks by Mr. Scotratelio, Mr. DaLglish, And Alderman Lish, the motion was withdrawn. The
 The l'ublie Ef lomis bill was referred to a selee commatlee. On Monday Mr (if ampose amounce Church. The first, he said, would declare thatt wh the opinion or the Bouso, it was necessary haau hie churo due regard being had to individual rights of property the second would forbid the crestion of new persona rights by the exercise of pubilc patronage or by the operation of the Irish Feceriantical Commisioners and the the would jray her Majesty to place at the disposal of Parliament the temporalities of the arcilin Ireland. Mr DisRafli said that he required no time to take; but as the state of public business was not satisfuctory, he hoped that, by offerin Mr. Gladstone Monday mext for the diseusson of number of men for the army, and that he should be allowed at once to appoint the Irish Boandary Com mission. The first was needed for panstre the Comy Bult before the adjournmeat for the easter holidays, concluded; and the second condition was absolutely necessary to put matters in train for the dissolution early next spring. Which the Government had all along contrmplated Mr. Gladstone intimated has satisfaction with this arrangement. The House then went into Committee of Supply, when Sir
Pakivgto moved the Army Eatimates. He said that the total number of men required would be $13_{4}, 530$ aganst 13,2 woted last year, bempan ancrease of 2 an incrense by repayments and other items, to s sum con under $14,000,000 L$; and whateve
arowe chaelly from adatitions to the Volunte
壁 survey expenditure. The recruting for the army was Soiders would be completed in the present year and reforms were in progess in the arministration of the remy in the stren of audt, and in the transport system, from which great savings were anticipated
desultory discussion ensued, in which the Marquis or Heinbers took part. Mrr. OTWAs complained throwing on the tax-psyers of the country the co-t defending the Colonies, and mosed to reduce the pate garrsons in the West Indies and the Mauritius. Mr. Cabdifell, Myor Anson, and Captain Vivian supported the motion, and sir J. Pihinition said primeiple, but the colonsal garrisons were a part of our Ultimately Mr could not be changed in a moment Ultimately Mr Otwas mithidrew his motion, sad the voten were ilso agreed to. On Tueiday the adjourued debate oul Mr. Dirion's hesolutions hor aitering the
their withrrawal. Mr. Marsit moved a resolution hence duties, espectialy upm articles of ganeral onsumption, such as tea, coffee, inbreo. Wine, math Her, \&- The Chavellos of the Evcueqrer end Mr (ivadarose npposed the motion, on the ground and after some disernsion the mot on wis withdrawn Mr. Sambeiso moved for a splert commattec to in fuire into the provisions for gaving instruction in beoretical and apphed selence to the industrial avernment assented to the on behalf of the greed to. Alderman Lawrevce moved a resolution or revision and equalisation of the Post Horses and Carriage-Licences Duties. The Chaskchioh wa ulturels withdrap The motion or
 Duties Conhinuace Bill was opposed by Mr. CAND and 1 ad supporled by Lord J. 31 inseras, Mr. Gosches, Colone Hoge, and others. On a division the motion AIrton to exempt all factories within prepared by Mr. itan polo exempt all fachries withito mond han folice areas nexatived by thito ab. and the Bul passed through enmmities (n) the motion for the tion Bill, Mr. HgNLF: mosed, on aceostat of the latetho hour, that the debate be adjourned. On a bull was then read a third tune and passed. On Wed hesday Mr. Stacpooles moved the second reading of the Grand Iury Cess (Ireland) Bill. The Earl of Maso opposed the motion on the ground that the whole subject had recently been referred to a select committee. On a division the Bull was thrown out by 0 to :\%. On the motion for peing into committee o the O'Conor Don's Inductrial Schools (Ireland) Bill, the object of which was to extent the system of In dustrial Schools to Ireland, Mr. Peel Dawsos, Mr aner ophos the motion, on we groun an selt to the syitem of education. On a division the motion wa cred by 82 to 46 , sud the first 40 ciauser were aghe Heresfor Hopes Bul, the abjoct of whio was to repulate the institution known as Tancred Charities at Whixley, in Yorkshire. Mr ShawLefevire and others opposed the motion, and on a Mutiny the 1 bu was thrown out hy (On 'Thuraday the House went into Committee of Supply on the Irms Estimates, and agreed to a number of votes On thet for the Volunterre, ursent appeala were made for an mereased yrant, ins the hround that many h.ruer ansistance from tion
pressure on phivitux pon.ed the unusual aresure on the hilitary Eastimatos has yor resisting the application. On the Works and Buildingg vote Alderman Ledse moved to strike out the item of 30002 . for providing billiardtables for oflicery' quarters but was defeated on duvision by ${ }^{2}$ to 91 . On the motion for going into ammittee on the Election Petitions and Corrupt [Practices at Elections Bill, Mr. A. Mitchele moved
 nhech parts with the ancient right and privilege of the House of Commons to determine wio are ifs meme nergti without diviston The House went into Committee on the bill, but the Chatruan was ordered to report progres before soy of the clauses were disOTw. In Coamile on the Ma clause Bil, Bro. hibutug the infliction of curporal punishment in time of mage sir Joun Puriviton apposed tha motion but on a division it was carried against Ministera by 152 to 12\%. Yesterday Lord STanley pave notice that on Monday next, on chor going tho could mite on the 1 ent move an amendraent Cost considerable modin the Inited Church in Ireland may, aver extended inquiry, appear to be expedient, opinion that any proposition tending to the disestablishment or the disendowment of that Church ougat. to be reserved for the decisis
The Iouse was left sitting.

## (ritn attelligence

Money Mabket, Fridal. - Beitisf Freds Consols closed at 93 to 13 both for Money and o 0. Indis Five per Cents., 111 to 114 . Exohe quer Bills, 8s. to 128. pm.-Foreras: Greek, $12 \frac{1}{2}$ to
 uy's Nine per Cent. 881 to 883 ; United States 5-80 Honds, 72 to $72 t$; Erie Railroad, $35 \frac{1}{2}$ to $16 \frac{1}{2}$; Illinoig,
ffitcopolis ant its Voicimity.
Britisi M ITarcu.-A deputation from the British interview with the Premier on Monday, to urge upon the Government that, in the British Huselam baing moved from their present site in Great Rusall Stratt, ine anminstration of thediatoctors should be Viuster of the Crown, atad that the autbority of the diuste

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tion connisted of Dr．Hooker，Professor Huxiey，Mr． officers of thentham，Mr．Sclater，and the followin treasuror ；Messrs．Galton \＆Hirst，seoretaries，and Mr． Grifith，assistant secretary
National Pothatt Exhibition．－The arrange mend prose the and final collection is now making of portraits；indeed the great diffficulty is to find space or those alreedy reoeived．The exhibition will consist of portraits of eminent persons who have lired during
 prinr to that time，formiln a supplemeat portraits，and frorts are max of open the exhibition，whic promises to be of greater pop．
Spectal Constabless．－The period for which spocial constables were sho clarkentell outme has inatainces expired；and the waurantege，of others．wil erpire in the course of the present month．It is not
intended to ask for any fresh powers，but to rely on intended to ask for any fresh powers，but to rely on police force the preservation of the peace．The asticas in special sessions will mea next weex，to order peyment to special constables of reasonable lowances for their trouble，loss of time，and expenses
Brimish Aboctation．－Mr．Gladstone has BRITISE ABBOCTATION．－Mr．Gladstone has at one sented to preside over the stasiatical section the Norwich，and Professor Huxley will also address the roricio启 olasees．
RATHNG UF Charitris and schools－A depu ation of more than 800 gentlemen waited upon the Irime Minister on Tuesday to urge the importance of exempting the variols charitable inatitations of th country from rating．The Sarl of Harros by intro duoed the deputation as one which represented nearly all the charitige in Fogland and Scotland．His Roya Hombes the Dake of Cambridee addressed the Premier on behalf of Christ＇s Hospital，and was
followed by Mr．Barnes，M ${ }^{\text { }}$ ，for thie Leds Infirmary and Schools：Wy Mr Gurney Hoare for Guys
Iofpital；the IRev．Mr．Luntham for the Chureh chools at Lambetli．Archbishop Manning for th Roman Catholic charities and schools；Dr．Jobann for the Wesleysti schools，Alderman Salomons，M．I＇，for or the Ragged meliools：Mr．Thomas，for the lisisto charities；and the Hon，and Rev．Mr．Yorke，for th oharities and sohools of Birmingham．Mr．Disraeli，in reply，said the subject was deeply interesting to the Government and the people，and was one of the the subject before his colleagues，but his illoess inter rened，and though it had not been lost sight of，the Ministers had been prevented from coming to a decision upon it．The question should be again brought befor
 tuys Mospatal hase juat been presented wath 10 pic tures by Mr．John Absolon，painted expressly by him or the decoration of the sick wards；These are chiefly painted in pure whtor colours mixed with a powerf painted 7 feet each，and are remarkable for their homely and heorful charncter．To allow the public an opportunity fudging of the merits of the gift，the pletures wal be exhibited at the Gallery of the Institute of Panters Water Colours， 23 ，Pall Mall，for a fortrich
THE Distriss AT THE DasT－END．－The Mansion House Drecutive Committee for the reliaf of excep－ Mansion House on Monday，and adjourned sine die， handing over a small balance to the East－end Emigra－ tion Fund，which they commended to the confidenc and support of the public．The roport stated that th Committee had raised and expended ofuool．since the lst of February

City Improvements．－A great improvemen now in progress at the corner of Fenchurch Stree mearly demohshed，and a large space of the opposite corner of Fenchurch Street has been rounded off and of rehiclen．The width of the road way will be further



## publio offcial trial in Park Tane，previous to bein

 Lane had been closed to vehteles to enable 1 ts eatire surface to be covered with graazte At nine ociork o＇cluck in the afternoon fully one－half of the sude of the roadway presented a hard uniform smouth surface．The trials Fere witnessed by a number of the leadiag Thictals connerted with the public departmentsTHE THames EMBANFMENT．－It is announce Embankment will be fortheritl prepared for publie trafic．At the meeting of the Metropolitan Board of of the on Friday Mr．Freeman mosed the adoption between the Thet for that piortion of the Embankment proceeded with．A letter from Messrs，Baxter，Rose Ralway，was read sur orting thet the railway stir carry on it worles with the embankment so to gite a solid embankment and a road 100 feet wide to the
the Board and the railway respectively to be settled by arbitration，the refereace beinc sald no doubt this was a very far proposal，but what guarantee had they that the railway would do hus Al！thert expertellee of the Company intentions t was without funds．Howevor food its intention was accompanied by some material guarantee．
John Thwaites suggested that if the Company were in they should deposit a certain sum，and the
should deposit a certain sum，in the hands of bank，and they would then have a substantial
antee．If any other course were adopted，the
ond find itself primarily liable for compensa Board would find itself primarily liable for compensa－ tion to the wharfholders，and say amount of compen way company as best they could．The duty of th Board，having jut its hand to the ploukh，was that perfectly bond fide one，it was certainly caloulated to put the Board in the wrong．He suggested that solnitors of the railway．After some discussion the was rofer to the Committee to enswer．
WORKYOUSE INFIRMARTEs．－On Saturday a large deputation from the Workhouse Infirmaries Associa 10n，headed by the Archbishop of York，an 0 members of Parliament，waited on the of the Poor－law Board．The Archbishop stated the of tiect of the deputation，whioh was to suggett the objeot of the deputation，which was of workhouse infirmaries by properly qualified oflicers，in order that the arrangements for the sccommodation on sic paupers might be more consistent with of inhumanity of convalescence，and hat such cases of ind minat bo and cruelty as now Fere continualy reveaied mighe beard elt its hands strengthened by the opinions or such an influeatial deputation，and that their representations wonld receivo eyery atention．
Fenisn Rechutiteng．－On Monday l＇oter Morgan alias Mohan，was again brouglat before Sir Thomas Henry，at Bow Street，on the charge of inducing soldiers to desert，and onlist in the so－called Fenian army．Tho charge，it will be remembered，was made y a man mamed John Mialony，who，in Novomber at Woolwich．His evidence was corroborated on Engineers at Chatham，and tho Thr Poblic Health．－The Weekly Return o the Registrar－General states that in the week tha onded on Saturday，March 21,4743 births and 293. deaths were recistered in London and in 13 other large towns of the United Kingdom．The annusi rate of mortality was ot per 1000 persons living being 23 per Intuo in London， 93 in Edinbargin，and $\frac{2}{5}$ in Liverponl，so in Manchester， 31 in Salford， 21 in年， oner loone durino the weck ending the 1 tha．In per 1000 during the week ending the 11 th．In London hildren，were registered in the week．In the corre sponding weeks of 10 years $1858-67$ ，the average number corrected for increase of population，was 2218．The deaths registered in Londou during the week were 1208．It was the twelth week of tho year，and the
average number for that week，corrected for increase of population，was 1599 ．The present return is，there－ fore， 301 below the estimated number

## 猚robincial．

Accrengron．－At the Police－court in this town on the $10 t h$, Mr．Murphy，the anti－Popery lecturer，was fined 20 s and costs for firing his revolver in the street of Accrington on tho 29th February，prior to starting

PRESFORD－The funeral of the Dowamer Lady Tichborne took place on Thursday morning，the loth in the family vault in the Lady Chapel of Thehborn parish church．The preparations for it were arranted by the Australian claimant to the title and estates， has solicitor and the relatives of the deceased lady as to be undisputed that at 10 o＇slook on the morning of the deceased lady and uncle of the infant at present in Seymon $p$ her hrother eatatea，and Mr．Alfred IIubert Dorrer，．Colonel Whlliam Greontwood，and by Colom Geori ace nephews by marriage，and entered the chapel at Tichborno Houre，to whoch the body liad been removed from London．Shortly nanied by his solicitor，Mr．Holmes，by Mesun Guildford Onslow，M．P．，Scott，Marx，and Benson and by a number of professional mon and trades－ the service for the dead had been performed and a short sermon preachod，tho bearers rajsed the collin and proceeded to carry it to the parish church，distan Seymour wished a mile，when Lord Arundel and Mr mourners，but finding that the Austrasian clainant had taken that position，they withlrew from the pro of the family，and walhed on to Tichborno（lines whero the ractor provided on to Tichborno Church， they witnessed the

## fan ho nist nu

## numbered as many gallon loaves to

 numbered years．At the funeral layt on the priest＇s house by the Hon．M Bowker，the steward，of Winohester： 8 then being at present oceupied there sy loaves were given，butat thenel Lous is T deceased．ABEFORD，－Shortly before midnight fire broke out at the residence of the E issuing from the roof over the north from and owing to the high wind then blowin apread．The fioor above the dining－r afterwards the glass dome over the As，destroying much valusble

## Riohard Tufton were quickly

## Was confined to the north front of the

 very valuable pictures were totally deais estimated at 18,0001 ．Both the houn tants were insured．
Birmingram．－A serious socident h Day＇s Concert Hall，in this town，on Rid ment，and in one of the scenes，rex Home of the Fairies，a number erranged round the atage whle the pmoeme pas seal．One of the dancers dreas of another of the dancers she ma dreas of another of the dancer she but none of the oflicials rendered any man jumper from the side gallery on pulling off his oost，enveloped the sulfer
extinguished the flames．She mus Queen＇s Hospital，where it was particle of clothing liad been burnt of injuries were so severe that she ded at the wings in order to be usel in the men whose duty it was to look Dsrby．－The colliery sirike in muth has at length terminated，the men hamiz to accept the master terms，after has extended over 12 montas，and hys alone being estimated at 25,0000 ．
Leeds．－On Satirday

## locked－out workpeople of Memar．

## Saltaire，waited upon the firm

 Wages in some departments．Messrs． deputation with courtery undin reply that they wure unte re
case of then workpeople in the m and also to give them wages equal dition premaratory Was that the workpeopin shonld a The deputation accepted the condition and work the engines
 Maude，C B of the London Free Labour ta and to consider the question of organanss． action taken by the
room from an early was entircly defeated．
speakers appeared on with yells，groans，and cries of all kio sponkers were so mueh interrupted
chairman was ultimately complled meetong．Police－offiners were present，but ai Flolence was attempted
Mancuestel．－Tlıc
 kentence has been commuted to nenal murder and of Tmothy Flaberty sweotheart at Droylesden，is fisel
4th of April．
Salford．On Thursday mompl arrasted in this tom on the suppowtict Keliy，

to be Deasy but a man pansed Ru week at lork of the murder of lan of the governor of York Cantlo and
he was gualty of the murder aud that
Tovmoinden－Mrs，Plow tontmue to：the thees is able to leave her bed．The that and Mrs，I？
WiGan－At an early hour
as Whelley heard duty in that po
ier A ginger－beer bottle containing riga of the man＇s house but the in it forturately did not notice that r．within the window，and the botti hrown bark into the road，＂here it window，anl a gun had been fired thus attarked is a non－lunot

## Irelano．

Insi LnetituTx．－－In answer to a deputal th noblemen and gentemen on thursday， lar of Government to establish a Royal Irish Dublin similar to that already established Hruy Tblals AT Cork．－At the Cork riday the trial or Captain Mackay was oocupied the Court until its rising，A lio priest proved thatis Lomasnarried Miss in July last，and this marriage was collady，who had been brought from cramined on behalf of Mackay，but his je down．Ater a ceturned a verdiot of Guilky of with a recommendation to mercy Hasan deterred passing sentence until a，a being put forward to reoeive sen－ oar made a long and tomporate specoh， gnifut itself in the country，and that it before his sentence had expired．He at the same time roknowledged that he fir trial，and that，accordine to English wa a just one．Judge O＇Hagan sen－
12 years penal servitude，and strongly Pegisnism，observing that by the＂happy under which we lived our wrongs logether in a legal manner．＂Some other is Her then brought up for sentence．Among 00 onvicted of assaulting the police and imprisonment and hard labour．John ring arms in a proclaimed district and David Warry was inducted for berng dina robbery of arms at Messrs．Allport＇s， convicted of having arms in a pro－ and awaits sentence．On saturday ustol）nf a strung guard of constabulary． （av were adopted to prevent his rescus was brought from London to give aken bwk ou Saturday morning under
${ }^{17}$ Cork－－On Tuesday evening ronin，in North Main Street， thoroughfares in Cork，was
by several axmed men，who deninding guns and other arme rish Republic．Having overawed off．On the same night the Buttevant，in the same county，
fired by some misoreants who buistibles with an ignited fuse

## is Cork．－Four arrests which

 ant were made on Thursday in Cork．
## 歌相

Sthrwabekr－The Longden Murdet．


Fut and abouting 10 minutes the $80^{\circ}$ clock loft the

is ward loft tho prisuner and decelased
Sheot waturn home thit niyht har parents
orning the prisoner an il a labyourg at Mryed
ork in the same field，when the latter found
ras having hif meals，a
ough it into the furrow


## red had his lir ery ink the the fied

The fury，eiter consuulting for fight minutes，returned verdict of duilty．The Chiot Buron passed sentence of Death





 Fryday，the 13 th ninst，to went out in the morning to work for
the gardun，taking with him his dinner，but in the evaning of
 in hwis hurdered a hoy，annl the officer not betng in bo जLupued the interval by taking tes with the woman with crime．He aidd be felt that he must murder wome one，and When he ssw the lad in the fleld keepling the birds from nome wheat，he could not roesist the temptation to murcer him．He with e pocket－knife，and throw the stick and knife znto a stresm，where he washod his handis．The body of the boy
wni subeequently found in the phee Indicatod by the prisonen several witaesses were called，who proved that the prionos the crime．Lord thef Jrubtico Bovill summed up at great
 named Hick and Bryant，were charged with attompting to o＇clock on the maorning of the 14th．December the offcer was on duty at St．Georgo＇s，about fivo miles from Bristol，and snw two men running from the house of a market－gardener．They
dropped some fowli．The officor attempted to etop Hicke．
 nht it whe not consihared that he would rocover to 10 yuary and Bryunt to five yoarr＇ponal servitude．
 Danilal Driscoll，in the parith of Heminglorough，on the Ist of March．The priboner and deceased had been in Beverley Houzse of Correotion on mome petty chargea，and wore both set at liberty on the morning of Saturday，the
80th February．At that time the doceased had in hie
 had upon him was 1s．4td，two purgos，and LL，ill pastage sumite refreshment at the Ref Itorinn，Beverley，whare they talk ${ }^{2}$ about the prison and the cause of their fomprisonment until noon，and Driacoll remarked that he had not got into
bis trouble from want，insamuoh as he had 4 th 10 s．and E good watch ly him．They left together，and about a quartor before
 In lan a ther fille nad Bome tobsceo．They were both sober， A．I the irmmer gald they were going to Hemingboraugh ther，ulethlt tho foillowing morniny，when shortly after $90^{\circ}$ clock
 ditcla adjuintng the high road．On lonking into the ditch he saw thu decezased lying dend on his back，with his right hanh


 hlowithere were on the ran a two puols of bloon，and nlso no wath Th There，were palprat in ono of the porketar indicating
 resper the description plven that he had Loughit the watch at Beverley He apparred，however，very rest．assi，froquently
Buking out of the wiodow，and auked if nay politurtun ever went that way．（n）learing he said he was tring te his
 the prisuce oftered to Nand

 aaid it was his own，and he would give it to furn，anc
took it．On the loth ingt．the wateh wass found concalud in
 exammod by Dro．Procter，of Yurk，who fornd uphts of blem on the trousers and waiatcoost．The jury，after an insemee of abmit half an hour returned a verrict of if ithe Mi dintice tall，powerful－looking mann，aged 67，was indictod for wound amea Willamson on the 26th December last，with inten wh hurder him．The proveoutor who in a email and nord tit for Ho left Cambridse the same ntternoon，but it was not

 thourth the prosecutor naver properly recovered recolletion of
the party who whe with him in the cart，ho identifed an chy and jacket helonging to the prisoner，an having been wom hy extronely pour，was in the pussesstion of pold and siires if $\quad$ ralth，an 1 the prisoner was sentoncod to ponal servitude
－ibtherrir Crbcut：Liverpool，－Wife Nunder－Thomad Qurpley， 38, labourer，was indicted for having at Livorpool，
on the 18th Deceraber last，murdered bia wife，Dinh quigley． The prisonor on his return homa，in a stato of drunkeaness， go back with hum，indictert such drualful injuries on lel with a stick and poker that her borly was almost mashed，and she
died in the hooptral a few dayn aftorwards．The fury found the prisoner Gwithy，with a recormmendation to meroy．Mr． slightest hope of mercy．

## Eporting．

EPBOM SPRING MEETING，


#### Abstract

  Culy and Suburban Handicap－Duake of Newastrec S Speul．un  Sunflower filly，and 18 otherty United Raitray Stazen，－Mr．I P．Craver＇B Bur Oliver beat Lurap Bugar，Saringapatam，and Weprespay．－Hecthcote Plate．－Dule of Nowcastle＇s BHe Captain Coopería Princess flly beat Lord Vivian s Whatusical    H．Aavile＇s，Blueakin beat Manceuvre filly Moutiunalt，asd 16 others．Neis Tho－Penr－old Staker Count Lagrange＇ Mamaniello heat De Voro，Eloctricty，and 12 others．Prince of  Tard＇s Wilison．


## Duttuatg．

Lady Harrigt Corny，wifo of tho Right Hon．H，T．L． dafyat the Admiralty，Whitchnll．She was tho becond daughtor of tho late Earl of Shaftesbury，by his matriage with the four th daughtor of the fourth Duke of Marlborough．She was born
in 1798，and married Mr．Corry in 1880． in 1798，and married Mr．Corry in 1830．
Wuis－The will of the Earl of kossa hns boen sworn under
 Barston，100，000

## Alartets．

COVENT GARDEN．－MABCH 28 ．
Uttle alteration has taken place since our last report． Forefign imports are still heary，and prices remain nbout tho
same
an they were last week． their appoaranoe．Pine－apples are atilil realisiag high prioes， Corniah Broccoli enntinues phentilul and yood．Potatoin hivo consist of Orohide，Cyclemens，Llity of the Valley，Chineso Primulas，Pelaryontums，Cinorurise，Dontzies，Hgnonetto， Early Tulips，Hyacinths，and Rooes．

## FRUIT．

## Apples，per bushol，is to 8s <br> Coblberta，per lb．，14 <br>  <br> Oranges，por 100， 3 s to 8 B Peark，por doz， 8 s to 10 s Grapes，per lb ．，20s to son $\quad$ Ptrawapples，per 1 lbos ， 88 to 12 A 

## HAY．－For Lond of 36 Trussos，

| Beat Groun May－－ | Clover， |
| :---: | :---: |
| Prime Meedow Hiny 78，to 80日 | Infotior do．．．．．Tl |
| Inferior do．．．．． 85870 | Prime new Clover |
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 Hyam，15s．Wa，West End Yaswell，18s．；Wals Find Hetton，




HOPS．－13orovor Market．Fyday，March Meagrz．Pattanden Bmith report in frir amount of business dolng，ospecially in low priced descriptions，inoico quabities of Bavarians are aloo in betier demand

## NEWGATE，－March 2

Best Freah Butte

metropulitan cattle market
Mexpay，March 23.
The supply of Beasta is shortor，and the weather very favourable，consoquatily pinmber of shoop is rather langer， there is a fatir demand for them，and pricess on the average have rother improved．Grood Calves are atill scarce and dear


THE GARDENERS' CHRONICLE AND AGRICUITURAl, GAZETTE
群 Beat Scots, Here

 2\& quality Beasts 8 4-3 8 Do. Stori Half-breds | $2-5$ | 4 | ('alres |
| :--- | :--- | :--- |
| $8-4$ | 8 | $\mathrm{Pig}_{\mathrm{igs}}$ |

Bearta, 3260 ; Sheop \& Lambon, 24, , 20 ; Caives, $96 ;$ Pigs, 340 . Thcraday March 26.
Wo have a fow more ibasta than on Thuraday last, the femand tif, Therted, Thmber of sheop is rither mmaller: tride is oold at fully late rates, The trade is ant quite so good for Calves san of late. Onz forelgn rup
500 Shees, 203 Calves, and 30 Pigat
Best Acots, Hero-
 2 d quality Beasts 3 Half breds
Ho. Shom breds
Beasts, E40; Sheep and Lambs, 5220 ; Calves, 156 : P1ge, 60 .
MARK LANE-MONDAY, March 23.
The supply of Wheat from Easex and Kent to thin mornIng's market was very short, and met a quicker salo than
lnot week, at the full prices of this day se'nnight. There was a fair attandanco, and forelgn Wheat wha also rather more inquired aiter at our domand, at a reduction of od, to la. per qr. There wna no domand, at a reduction of 6d,

 Barley,grind ddist, 37atoson...Chev. 42-47 Malting .. 40-49

RyE …..............

 Maize Maple, 41 s to $45 \mathrm{~s} . . . .$. Grey $^{4}-47$ Forefg Maize
Flotr, bestron

- $2 d$ ditto.
sack $50-64$
Wroper barrel 24- 42 Per sack $45-61$ During tho past week the weather has been changeable has ( 0 wing to colder weather and incrensed Continenta domand, coupled with aerious diacustonsas to future supphat
tu meet our estimated consumption till harveat), gradually


 and prices were in sellera' favour. Oata, which were very epressed at the beginnith of this week, ure again firmer Prices of Flour bive hatdly uadergone any cange, but we coast during the week consisted of 16 caryoes, of which, with night 34 cargoas. In arrived Whent a large amount of butiness has been transacted, at an improvament of 2 n. per qra, fine qualities being princupally mapuired after Broley was a
dand sale. Fye ratber lower. In Maizenobusiness transined Wheat on parsage and for forward shipment was in strong demand at parsproveng pricer, and a large butkinems is reported to have been cubcluded in Black sea qualities, Paris, is Dot extensive. Flour is finm, The R1x nuarks are quoted
in) Miual to 605 . per 880 lb . The stock at the Halle is estianited
at $21,00 \mathrm{ctta}$.
The arrivals of Engllah grain by water continue to be The arrivals of Engllah grain by water continue to be
Finall, those of forelga, partictlarly of Darley and Oats, during
he week have been large. This morning's market was moderitely attended, and English Wheat, boing scarce, was inquired for at the extrente rates of last Monday; in foreign
this businens was less extenaive thin on Monday or Wednes diay, but the rates of the lattor ciay were fully supported.
Barley was scarce, nud bought full quotsitons. Beans and Bearley was scarce, nnd brought full quotstlons. Beans and puloes, but inforlor were rather cheaper.


POTATOS.-SOUTHwark, Kanday, March 23.
Droptos the prast week the anivals both coantwise and from a declino of loen greater than the dernand, and trade dull at a decline of 10a, to 158 , per ton on nust morts The following are this day's quotaticns. - Yorkshire Flukes, per tong



II(TANTED, to Superintend Property, near Joondon, Who underalands tmaning Roadg, Urminontal 1lanting, Brick[ESSRS. F. Asp A. SMITH are in IMMEDLATE


 T To mancarape aideneare
 WANTED, as GARDKNER, in a small Viliage Fest




 viraer, protico

## W

ANTED, a SALESMAN, marricd or single, for

WTANTED, as SHOPMAN, a young Man who has

WANTED, an ASSISTANT SHOPMCAN.-Must be Flower-Seod Orders eqpedally the latter, and muat bo well educatod,


WANT PLACES.-Letters to be Post Paid.
HXPERIENCED GARDENERS (or as GARDENER
14 and BAILIFF), of varlous quatifcations, recommorrlod to

If. WM. PAVL begs to announce that he har



## To Gardeners and Bailist ( (ead, Foremen, or Under)

 T AMES CARTER ANI CO, having many applications
 upon J Cantra \& $C$ ndopting the noost string. nt regrilat.ons in
 TAmDen ; has a thomplighiv mactical knowledge of ho incum
(ARDENER (HRAD) - Seven years Head Foreman in TA the Gardens of the Duke of Nort
P. P., 4 , Bigth Late, Hammeramith, W
(TARDENER (HEAD),-Agr 29, married, underatands 4, Donhum Cotinges, Pridham Rond, Thornion figath, Sturoy (ARDENER (MFAD), - Age 25; understands the

( ARDENER (HEad) - Age 26, thoroughly undermended from leat two placess-A. B., Mr. Wm. King's, Kigh Streat
Nuterien, Liveoln
(ARDENER (ITPAD) - Age 28 , has a thorough

C ARDENER (HFAD),-Marred; perfectly wnderstands

(ARDKNER (HRAD)--Age 40, married, no ineum-


(HRDENER (HIEAD),-Messra. BuNDI \& CHAPLOW,

(ARDENER (HFAn)-JoHV GOODF, Hpad Gardener

 (ARDENER (ARAD), Middle-aged, one ohild eeven


( ARUENER (HEAD), -Age 38 , married; two boys, ages
 ver 30 med, ineludang Masong, Cut and Planclag ; Has had charge of yers, de. 12 years ns above Mith F. Clay Esy, wid highis rect

GARND Nobemon ana$G A B D E E R E$

UnaxGAbENER (HBaN) Woxky inGARENR HRAD NomatAn mind

 ..... Corlisile.

(TARDENEK, where one or mote areof bis humaess, and with an unexceptlonabit enrequired. not leas than 224 , Der wee
Sutton \& Soli, Reading Nurerics.

(TAKDLNEB (UNDPR ).-A young Manear Halatesd, Essex.
( ARDENEK'S ABSISTANL,
Cottago, Bustioy Fleath, Watford, Ferts.
ITCHEN GARISENER and HOLGE
HOREMAN, in any Noblentan
HOELMAN, in a Gentipman'sTMPROVER, under a Foremian, inHouson-Age y, steady. Go
Band Whles, Five yearyin
up Firmug the reason to

- ${ }^{1}$ Fand
Wifo to athend to hary sel Poultry if
Oxnluote, Leatherhead, surer
$T$ TMAELER or thin sionQALESMAN, To Harket GatT MEN $-A$ YOR M
Barbath



## The Garoenerg' Chromitle县emgpaper. <br> BATURDAY, JANUARY 2, 1869,

FOTIER'S PATENT STEAM PLOUGH


TOA HURDEES (Silver Medal of the Thoyal
 Man por aATES and FENCING of over dobeription, OROSSOR LINDLET'S INTRODUCTION PROFES, tht Fdithon, with Correctious nnd Addtilens, Two Thase tor ention

Loxamass, Gifen \& Co., Paternoster Row, E.C.
THEILLESTRATEIS BRITISH FLORA.-

THF BOTANIC LL MAGAZINE, F.gures and
 The Timd sortes, Jatuary, 1809, with siz besutituly coloured

THE FLORALA MAGAZINE. Figures and Debcriptions




- $A T L$ RF. PLINTED FARNS, by a gew propess,

 thene lige Ad
"The Specimans shom are exceedingis beautiful, and are n
 of the Ferve coothis) Siciety nf Arts.
TRES NFW METHOD of GROWING RRUTT1 A Full Dascrith. oh of this much-approverl testem of Rrowning ail


FtcTS of Steam Cultivation.
 Hay be had of MI Suith, yoat free, for 14 postage stamps. CIRNNI'S GARDEN A1, MANAC for 1869.-
 mo Last of sil the Now Fluwers.

T liyaire, Ivy Laro, Paternoster Row, s.c. $\qquad$
1 OORE'S ALMANAC for $1 \$ 69$. Price $6 \bar{d}$--This rets prpular Amanace. Which, bestdes the usual Calendar,


 Sis Cop FARMERS, GARDENERS, SAILORS, AC.


## GRAY'S OVAL TUBULAR BOILER.

INTERNATIONAL EXGIBITION, Class IX., No. 2119.

Ma. GRAY bege to call the attention of the Noblity, Gentry, Nurserymen, Gardeners, \&c., to his

## NEW OVAL TUBULAR BOLLER,

Acknowledred by practical judges to be a great umprovement on erery form of Tubular Boiler jet iniroluced. It has proved itself superior to all other B iilere for quikness of action and economy of Fuel, domg its work with one-third less the amount required by any other.

Extruet from Roport in Gardengra' Chroniols of Intornational Exhibition, May 24, 1862, page 476,



25. They are made of all sises, which, with prices, may be had on application.

JAMES GRAY, HORTICULTURAL WORKS,
DANVERS STREET, PAULTON'S SQUARE, KING'S ROAD, CHELSEA, S.W.

PORTABLE AND FIXED HOT-WATER APPARATUS,
FOR HEATING CONSERVATORIES, HOTHOUSES, CHURCHES, POBLIC BULLDINGS, PRIVATE RESIDENCES, ETO., WITH
TEUSE'S PATENT UNIVBRSAL FLEXIBLE AND LEAKLESS PIPE-JOINTS


## T. S. TRUSS

Begs to state that the immense number of APPARATUS annualiy Desigred and Frected by him in all parts of the kingdom, and for the ROYAL HORTICULTURAL SUCIETY at SOsled Eatisfaction, is a guarantee for skill, of design, superior materials,
 and goor workmanship; while the great advantages
 obtained by his IMPROVED SYSTEA cannot be over PER CENT. on cost of Apparatus erected cornpared

 erected by any Gardener; an ordnas Bremplete Apparatus, of the best materaals, with Saddle Boller, decwertu to any Kailway Station in England, and Erected at the following prices. Erection bey ond 25 rulus of Lond $n$, railway fare for one man additional. Considerable reduction on large works.
 40 feet by 15 feet Bath had Gat Work erected in 10 Horticultural Buildings of overy description from 1s, 6d. por foot superficiah, inclutios of Brichsoork.

## Price Liets, Plans, and Estimates forwardod on application to

T. S. TRUSS, C.E., Consulting Horticultural Engineer, \&c., Sowr Manufacturbe, IRON MERCEANT and HORTICULTURAL BUILDER,
FRIAR STREET, BLACKFRIARS ROAD, LONDON, S.E.

# DENNIS \& SCRUBY, Patentees, horticultural engineers and bullders in wood and iron. 



Dl:NNIS AND SCRCBY beg to direct the attention of Nohlemen, Gentlemen, Nur eersmen, and Gardener, to the many and yaried amprovements they have made iu crec
 ho moat uction. They have much pleasure in announema mproved moderate prices consistent with the high standard of tor which they are intended.

Gentlomen waited upons by Hembers of the Firm to advise and arrange for contemplated Buildings.
Our new HOT-WATER BOLLER and other specialities and patented arrangemente may bo seen on modele at our LONDON OFFICE-6, SLOANE STREET, S.W. POSTAL ADDRESS-ANCHOK IRON WORKS, CHELMSFORD.



##   $\overline{T H E}$ Le Liverrool ant Livinuy and GLOBE



 A SCOTCH FARMER Farming NENING for a PUPIL

 Northcote House, Rugby THEREV Northcote House, Rugby. IHE SOCIETY Of PAINTERS in WATER


## 

Tur Court AT Osborme-On Chrietmes Rvo the Oueen distributed Christ was gifts to the labourers on
the Osborne estate and their wives. Her Majesty the Osborne estate and their wives. Her Mouesty was
assisted in the distribution by the Crown Princ assisted in the distribution by the Crown Priinoe aad
 for London. On Christmas Day the Queen and Royal family attended Divine service at Whippingham Church. The Rev. Georke Prothoro offtciaten. On
Baturday the Queen walked in the grounds in the Baturday the Queen waike in in the grounds in the
morning, and drute out in the afternom with Prince
Leonold. Sir Edwin Land Leopold. Sir Edwin Landweer arrived at Osborne on Prisit. On Sundiy morning the Queen, the Cronn Royal family, attended Divine Service at Osborme. The Rer. R. Duck worth officiated. On Mon-
day morning the Crown with their cbildren, Crown Princess Charlotte, Prind Princess Victoria, and Prines Waldemar, took leave of her Majeaty, and left Oshorne for Ilover, where they embarked for Calas, on therr return, Where they Priuce Arthur arteompanied their Rhayal Highnesses to from London on a visit. On Tuesday morning the Queen walked in the grounds with Princess Louisa, and drove out in the afiernoon. On Wednesday morning the Queen irove in the urounds mith Prinescess
 tess Spencer left for Ino ulun. The Errl and Countess Granville andt the Rivilit Hon Jotu 13rIght arrived on a yisti. On Thurday morning the Quen walked out with Princess Louisa, Prmene. Ithur veant wat shoot
Tuesday in the Forelen Offinot Council was held on Tuesday in the Foreign Ofilioe.
PARLTAMENTARY
that on the reassembling of Purliament is undertood February, the sextion will he framatly opened hy he of Commons no Tuedar, Mr Gilathing of the House Mr. Bryht, Mr. Cardwell, Mr. Gladthine. Mr. Lotre,
 Captain Vivian, ali of Whomgo wero re-elocted last, week without opposition, took the oaths and their seats, and were issued for the seats sacated by ther other appointments in the Adninintratan Thed The is a vacanoy for for There are two candl lates iu the field fur Sonth Dpeirs. shire, wacant by the death of Sir $T$. Gresoate C -Colonel


 be taken for the elaction of Dr. W ordsworth to the wil Lincoin.
Tlie Bishor of Salisbergy is slowly improving, resume his diocessan duties. The lise will be able to Hat hay been confirming for his Lop or Sodor and THE CANONXY OF Performed by the Commissary. the nemm Bishop of Peterboroughotis -Dr. Maree, canonry in Peterborouzki) Cathedral. death of Dr. James. on the $R, y \mathrm{Br}$ Brone vata by the jears onno of the assistant-maitera of Fis and for many

 Commander of the 8 or of India. the a Kight Grund

 A. Broome; Col. A. Fytche; Col C II Dichens; (Cu
E. T. Dalton; Lieut. Col. O. E. Rothney, Lleut.-Co.
L. Pelly : Lieut.-Col, Jomes. B. Dunserville; Lieut.
 M. D.; J. H. Oliver, Esq., and F. II. Souter, E:q, to
be Companions of the Order. THE Asar. - The Colonelcy of the 13th Hussan
vacant by the death of General Maclean, has been con Facant by the death of General Maclean, has been con8th Hussars, चrasted by this appointment, bas been T. P. Flude has been appointed Colonel-Commandant of the Rogyl Artillery, vaoant by the death of Field THE Revgives. - The Revenue returts for the year and quarter ended Decamber 31, show an increase of $3,187,1611$. on the year, and an increase of $1,5683,115 t^{\prime}$.
on the quarter. The year's account shows an




 toms of $10,0,001$.
Post Offer, 30,000 l.
Board of Lílavd Revinuus. -The racanoy in the Board of Inland Revenue caused by the death of Mr. James Disraeli, will not be filled up, the office having bean abolished.
Tree Crivi Skevick - It is reported that Mr. Frapk Ived Scudamore will shortyy boremorcd from rhis Ofice, to the Tressury; where his administratipe talent and powers of organisation will have a more ample field for their exaroise, in the preparation of a Creat scherge which the Premier, aided by Mesera. ior the reform and reorganisation of the teryire. Mr. Scudamore is at present enge whole civl junction with Mrr Porster, by commission from the reanury, in revising several of the offices of account
a firation of the cumbrous me of ineryed that by a simpliredistribution of the duties of several of in use, and a ments, incrased efficienog and greater economy in heir administration will be effected
 nolvency of members of the Civil Servico. It lays down the following rules for general observance:-











## Forcigh.

Frascte - A Cabinet Council was held at the Tuileries on Baturday at whionch it was ordered that the
Sonate und the Iecislative Rody
lon Senate nad the Leqislative Body should meet on the
18 th January, and the Afonitery of Sunday published
a depree convening the Chambers a decree convaning the Chamabers Sor that day. The

## atood that the first meeting whll tate, and it is under

 day. The Great Powers have axreed that 1 he Paris to ultimatum. The to the examination of the Tirhish and the maintenance of the stafus oitoman territhrs Crete are to be the bases of the Conforith regard to land only nocepts the invitation on those conditions ciple of the intendon having declared that the prinoot rorm the aubject of discussion. The officual papers state that all the Greet Powers are animated Prince Napoleon has been suffering frote subject. de Moustier's heajth past, and the accounts of M. Mr. Jeffermon Davis is expected in unfavourable. way to Nice. The Tribunal of Commeree has prohibitod M. Whittersheim from publishmeree has exolusive property of M. Panckouk, that title being the 1. Wittenthim infended to bring out under ther whichan order which in effeot puts an eur dourding that the new journal shal th made a descent a fow nights sinco ocio
offices in Paris, and seized their books
measure is suppo measure is supposed to be a pralimint Spasiv.-The journals publish is. Duke de Mont Jencuer, dated Lisbon, maite Royal Ifighness explains the purpone the 1 was in dindur, as a cutizen, to exercise bis
as bound, his servioes in soldier, in order to aid in its defernoo agia ary party. He simply intended to eerpo and gave no official notioe of his Mel, have reached the scene of contest. I: rection was not of a reartionary ccrtain accusations which had been to have tilken part in the the fact thated an hs could be part in the
further, that he and his Com unceasingly endeavoured sabelia la 1859 and in 1856 to nduce Infing He resp which unfortunately follom a fiber He respects the prinoiple of universall sulutan polítical administration of a fres nation says that notwithstand a free country. a dovoted Catholic, he wishes that every on should worship God socording to the prom his conscience with as mucli liberty Geneva. The letter coucludes witn the the writer is not influenced by ambith he covets nuthing save once mure to 1shes a letter, dated Paris, Deermber 21, from Heer Bourbon, brother of the ex-King of spant, adory ig the Provisional Government. The writer that igorously the ambition of the Duke de Mnarpar:
declares that the glory of Washingen is for m enriable than that of Cerar, and ashs to be pea to return to Spain as a mere citizen, and aqletter of the Duke de Montyensler, the leaden Republican party had a mecting to cuna det ican form of gopernment and of pult ne X (han Espartero forward instead as candidate for the then of their parby, A commision of sir members of Monarchical Committeo has been eppointed to $r$ with the Government to re-ectablish and iberty and moral integrity at the elections I Rodas, arryved al Cordova on Thenday. The iation tion. Geueral Caballero de arms without on yesterday, and had announced beforehand that bec in the gond sense of Admiral Mendez Nuneze citrzen multits. lice-Admiral, and his resignation lias been now the fosernment Paris, and General Gasset, have refusell an their ranks to the Canary In inands, and have re state that the I'rovisional Governueut whal hat Ten any proposal for selling Ouba to the Upileas Ten thousand soldiers will leave Cadiz this na reinforee the garrisons op Cubs and Porto Rice
Postugal. - Sotor Samudnes has been appoita Minister of Finance. The stability of the Cibin thought doubtful. At a meeting of the principal the Governments of Lisbon and Oporto, convol the Government, the Ministers explained the Portugncere funds, dury, chiefl Portugizeo funds, due in Landon on the tha
stated that they oould asked in Yaris for a loan, or steld in hor ur $h$ exigencles of foreigu rallsay companies. The
ments were well received, and the nueting, etw ronfidence in tho Ministers, apponted a ciman tiet the purpose of providing funds for the reent en
stives of the Treasury. Her Majesty's frigate M,
 Ber Cork.

## Laidx. - The Prince of Waleg arrived at Aptret

 on Tuesday, and visited the citadel, accomprasby four officers of the British army. Tbe Cnus
Prinal Prince and Princess of Prussia arrived at Bruse recelved at the rallivay station by the hina, dined with the Royal pamily at the Castle Un Appeal at Brussels has given judgment

## Court, but decertadmis the compereacy of formeds

 the trial, however irregular in their clararter, do doPrissia - Thence within the Penal Cude. arrived at Berlin on Thursiday from Osborte mith the had been In consequene of is rumour that " Counell to authorrso subjects of Ba len and Prusai procially having carta germany and Prusis mot


- Ty conmuncated to the President of the Con-
st is this point omes its origin solely to a desire
te the perfurmance of milhtary servi.
arpothut firms have requested the senior lioard
thrift Trede association to urge the Fereral
Consalate in British Columbia. It is gaid that IT Hemilton-Douglas, sister of the Duke of of Prince Charles of Roumania
Re. -The former oflicers of the late kingdom, their oaths by King George, and who receive from the latter to sign a declaration that in In cuse of refusal, their allowance is to be -Arclduke Albert, generalissimo of the an - Arclduke Al and chef of the war juarty, has publiahed et. only 50 copies of which have been printed. whituke expresses his conviotion that Austria ers. yans withan army equal to her situation te Power. To sedeneutly reproaches the
ussumng an adventurous athtude without in prefininiy, as was its duty, it the austrian From 1815 to 880 Anstria was a most withmy. He says that it was only during the
has kadezky succeeded in forming ono; and and diplomacy would be wise pever to


## 

 Sorgsina and Galicla.-The negotiations with thedare been broken off, and M. Rieger has left mon to return to Preque. M, Gikikm hus promised oxncess song to the Poles.
agy.-The Minister of the Interior, on the in to make the customary preliminality arrange7 f the elections to the Diet within 20 days. reatia to doliberate on the organisation of the Ban Corernment for the country, was opened on
The Emperor and Emiress a to be present at the installation of expected $t$ is announced that the Russian Grand $a_{1}$ Who is to be married to the King of
bocome a Roman Catholic, and that M. ssinn to Rome was connected with tha Her Imperial Highuess is the first
Russian Imperial family that has ever Greek religion for Catholicism. The 1 papers publish an artiole. of which the Tuthentery Foreiga Minister in the debate on the

expected meeting of a Conference. The Turkish Governstating that the Sublime Porte does not admit the necessity of the Conference, but has nevertheless agreed to it, on the understanding that the five points of the sion, and that the Creran question is not brought forward. The Turkish representative is to withdraw in the event of the introduction of other questiona. The time for the departure of the Greek residents from British and Austrian ambassadorn, aoting on behalf of the shipping interoat, have represented to the Porte the desirablity of the nou-expulsion of the Greek pilots on service at the mouth of the 1)anube. The 3d and 4th Dragomans and an unpaid attache of the Hellente subjects of the Porte The Rusionan nuthondtes have suspended the facilities granted to Greek ships to is about to be raised to $50,000 \mathrm{men}$
CANDIA.- Official information has been received from Crete announoing that l'etronoulaki, with 990 Greek Yoluntecrs, the Provisional Government, and all the insurgents in the island, have surrendered to 'I'he Princlivlities - Above 20 shipe, corrying (reenmanith ports have arrived from Turkibh territory in stay, 1rovide 1 they implicitly obey the law of the land and pledge thenselves to abstain from all political Wzat Cons.
at St Louia the or AYBICA. The cholera has arrived the Senegal, the inhabitant dying at the rate of 100 a dey. This it the first occasion on record of the disease having reached the West Coast. Its advent is much dreaded among a people so underfed as the dative. the 19th ult. state that the polonial border relations were very unsatisfactory, and from Namaqualand to Victoria West the country was boing kept in perpeBushmen and Korannas On the northeeart border bushmen and Korannas oit the nore alisturbance with tambookies, but nothine verc serious was apprehended. The Basuto dispute remained as before, the Basutos distinguishing themselves as formerly by their zeal and skill in cattlle theft. Mr. Erskine, a son of the Colonial Socretary of Natal, had discovered the mouth of the Smpops
river, in $24.55^{\circ}$ 8., $84.10^{\circ}$ E. Herr Malich had dis river, in $24.55^{\circ} 8.831 .10^{\circ}$ E. Herr Malich had dis-
oovered gold in another locality during his journey to the north-wesb. The netives stated they used to dig there for copper, but it whs of a different colour
to that now obtained. A Government commission to that now obtained. A Government commission The Bishop of Capetown had been enthusiastically received by the members of the waglish Churdh on his return to the colony. The movement for impraving the quality of Cape wines, and opening up foreiga markets for their sale, was progressing, and a company was formed with a capital of 100,000 . for cerrying out those objects. Ostrich firming was proving very uccessfu, and its sdoption extending among farmers Very bad weather had prevailed along the coast of mong shipping.
Indra.-The Farl of Mayo ianded on the 201 hult . at Bombey, under the usual salutes, and was recelved by ions had been made to piva bim a brilliant reception Lord Napier lias aliso arrived, and assumed the command of the 3 ombay army. The Friend of India says rajah of Cashmere, to withdraw Dr. Cayley from oo the trade with Cashmere, which promised well upon the appointment of a British agent in that country. It sauthoritatively stated that no battle had occurrer in month, but the Amear of Maimatas had made a diver sion in favour of shere Ali, by admaning towards Bal hand, and scizing Siri Pool The Bombay Gazette nowever, publisies bews stia conirmation ont prevous hocks of earthinuse-mene of them felt in Northern and Central India. A Hindoo, named Ramadheen, not quite 21 jears of age, has confessed calling of a poisoner, and has during that tine polsoned wenty-beven pervons, mostly Brahthus or Faguirs. Japan. Mikados power had been completely new, blished. He had taken up his residence at the canital Yaddo. Her Majesty's gunbost Gnat has bean lost. auetralla.-Mecruits are being enrolled in Victoris anssiat in suppressing the rebellion in New Zealand A conference is expected to be lield at Bydney in rebruary next to discuss the question of inter-colonis ree trace. The Anti-hituasto pary Pree Church of England, ${ }^{33}$ and have eleoted Dr. W. F. Bailey to be its irst bishop. He went orreugh ine form of took the ouths of supremady, and on the following Sunday held a general ordination. M M. Robertson is the new Premier of Sydney and Bir William
Manniag the Attorney-General. Mr. Barot is the hief of the mow Ministry at Adelande, and Mr Strangways the Attorney-cieneral. The Treasurer Parriament The Northern territory is to be sur venerally approved. The goldields are yiolding mode rately In a recont disoting to the South Amerion earthquale, it was btated that the great wave which
rolled on the comsta of Naw Zeniand sund all the eastora and wouthern shores o! Australla on the loth Augiast
at the rate of 383 miles an hour.
( 18 Lours, or that the rebel Maories have from Now Zealand state oities, Fifty Europeans with their families have atromassacred. Titotowaru has forwarded some potted meat, made of the flesh of our fellow-countrymer who fell in the late disaster at the front, to the natives of the inter.or, from whom he expects assistance, Lake 'laupo The Government is acoused of being lamentabiy racompetent. Auckland papers of the 20 th of Uctober report the ocourrence of an earthquake. The earth seemed convulsed by a pernetual pulsation hardly pours, and for 48 hours aftorwards sleep was very violent. it ine constanty recurring shooks were than forty shocks, and some that there were no legs days after the occurrance of the flret felt more than two Unitgd Srarrs -President Johnson issued a pro-
mation on Christmas Day granting an unoonditional clamation on Christmas Day granting an unoonditiona pardon to ail Confederates heretofore unpardoned Breokenridge, Mr. Beniamio, Mr. Merob, Mit Mr Slidell, with restoration of all their rights, privileges, and immunties under the Constitution, and the laws arted in pursuanee thereof it is comindered proo bable that Congresin will not rempmise the pardon, but th wif reliese thnso named from legal penalues, and will now stand over sike die. Mr. Johnson has Bent the Senate Message, declining to the Alabame claims, on the ground that its publication was inexpedient. The Benatof by 49 putes don, has pasi should be proled to pubite deb House has passed Bill allowing women in Government employ the same pay for the ssine work es men. The report that Mr. Clleb Oughing has beon sent to Spain to negotiate the purohase of Cubs is officially denied. It is now reported that he the United Statea for a grant of the right of way for the purpose of makiag on inier-occanic canal. It is reportod that Samana liay power to sell to the United States' Government for the ostablishment of a naval station. A muting has Peru, Bud awaiting transfor, below New Orleans It is rumourai at Washington that theso monitora Fere intended for the use of the Cuban insurgents. General Grant was the guest of the Union League Club upon to return thanks for the toast of "Our Guest, the General of the Army and the President Elect, ${ }^{3,}$ he made the following speean:-
"Gonslemen, - It in with oxtreme regret that I ind rayself unalie to respond in appoopriste langunge to the whinth of how unaccuatiomed I am to public apancining, how undestrable

 through which we have passed of late jcars 1 mill to soldiers serving against the robellion, und to thank them for fis. Tuis speech was interrupted and followed by hearty several minutes.
CANADA.-The Canadian Aasembly ins adjourned until the 1st of Februaty. The toronto Court of Quen's Bench has refused to grant fim a new trial.
NBWFOUNDLAND.-A strong sgitation is being got up by the Press and at public meenings in Newiound Bf intish Corumais. - The Goternot of Britist Columbia has announced to the Legislature that the Confederation project whil be held in abayance pendiag the settlement of the Hudson'e Bay question.
CUBA.-Intelligence from Havanaah statas that the年Irrection is assuming greater proportions, that the spanish garrison of 200 men 15 besleged at santiago, Delcobre has been recaptured by the insurgents, who ave destroyed Lucretia Point Lighthouse. (n,uera Principe, and has sent to Madrd for reinloreetments. Brazils.-On the 15th November the allies made an attaok upon Villeta, and were repulsed with a loss Minister, Mr. M. Mahom, be chat that the American offering mediation botwepn the belligerenta with the assent of M. Sarmiento, the President of the Argentine Republic It was said that the Emperar of lirazil would withdraw his representative from Buenos Arres. the following fist of British subjects who had been reletsed from their detention in Paraguay, and arrived Fox, M.D.; Mrs. Nesbit, Miss Nesbit, and an infant Alfonso Cambridge Mary Ann and Margaret Cambridge, orphan onliden if ohn and cimily Wripht, British subjects, who might have been brought off, British subjects,
H4ytt.- Salnave has organised a renewal of the attack on Jacmel, and has captured and pillaged
 disbanded shanioned.

CHiLt AND Pesu, The ports of Chili are again but it had not marred their sacred joy, and, perhaps, opened to Spanish ressels. A revolution was imminent both in the north and south of Peru, and the ironclads at New Orleans, which were purchased from America, had caused eoneral rejolcings.

## Forrliament.

The House of Commons met by adjournment on Tuenday, to enable the Ministers who have just been re-elected to take their seats, and to move new writs
for the reelerton of nembers of the Government representing Scotch or Irnsh constituencies. Several members having taken the oaths and! their seats, new writs were issued for county Clare, on Sir Colcate Genersl, the Wigton burghs, on Mr. Young's appointment as Solicitor-General for Scotland; county post of Fice-Chamberlain of tha Royal Househohl ; connty Kildare, no Inrd Otho Fitzgerald becoming the appointment of Mr. C Fortescuent Chief Secretary for, Ireland, the horoush of Mallow, on Mr. Sullivan's promotion to the office of Attorney-General Kinrosa, on' Mr. W. P. Adam's scceptance of a lordship of the Treasury: the county of Weatmeath, Gmom-in-Waiting to the Queen; and for the l3order district of burgha, on the appointment of Mr. $G O$ Trevelyan, Civil lird of the Admiralty. A new wri death of Sir Thomas Gresley. Lord Buran took the opportunity of protesting azanst the ituronventence o to repeal tha statute of Anne which makes them the House Other notices of motion were given, and the busizess of the session will be commenced.

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Orbrasid, Gebiek AND Co-At the Mansion Howe jesterday, Mr. Menry Edward Gurmey, Mr. William Rennie, Mr. Henry Lord llarclay, and Mr Gurney \& Co (Limited), were charged before the Lor Masor, Alderman Sır C. T. Gahriel, Alderman Sir Carden, Alderman Sir S. Phillipg, and Alderman Cotton, with walfulls conspiring torether, and by false zaid company, fith intent to de take shares in the conclusion of the speech of Mr. Lewis for the prosecution the case was adjourned, the defendants beinr

Monfy Marert.-Yesterday being Now Tear's Day the Stork Exchange was cloved. The foilowing are
 Ancount: Bank Stock 240 to 242; Reduced and New 20ree per Cents, $92 \frac{1}{3}$ to $92 \frac{1}{2}$; India Bonda, 10 s to An ative demand prevailed for foreign stocks, and the teodency of prices was decidedly upwards, owing to the Patiefactory character of the advices from abroad. quotations. Tnited States 5 -20's (1832), \%4t to $7 \$ 1$ Erie's, 20 j to 26 g ; Illinois, 95 to $95 \frac{1}{t}$.

## firtropolis anto itg Yicínity.

understood that the appointment of Police - It is Facant by the death of Sir Ric hard Mayne will not be flled up at present, it being more than probable that a place, and be under one controlling piterer
Tae "Peel" Statte in New Palace YardIt 18 onw settled that this statue, which mas rempesome time since, shail not be placed again where it formerly atond, the nedectal on which it stond having is a mater for further consideration
Lectuges to Ladirs.-Several Professors of Ľnicourres of lectures to ladiessod their millumpness to give chried ont with surh $\begin{aligned} & \text { success at Elinhurg has been } \\ & \text { chestor, Clifton, and other towns. The lectures will be }\end{aligned}$
given under the anspices of an aven under the anspices of an association, including
many infuential names, which is st present being
formed. It it proposed to commence in Fobruary with two courses, a literary and ascientilie; but the socherne ST. Albiv' extended next winter.
was a large attendance at St. Albanday moroing there the Judicial ceing mome result of the juded by the thonts dectded Committee of Priry Council. The two points dectded in opmasition to Mr. Mackonechie were Commenion, and kneeling or the celebration of the Conserration prarerenng or prostration durang the alkgether, Mr. Mackonochio had the candles jugment at of the praser for the colt before the altar hoth at the of that for praser for the consecration of the bread, sind that Mr. Mackonochie had pot recesved any oficly, thencefore considered hut of the Prigy Council, and practices to whiced himself at liberty to adopt the permon to which he has been areustomed. The from the Spistle of the day, Rev. Arthur H. Stanton, He with the Pather, and with his son Jerne Chrisip, them-whether agrievous mrons had benti. them-whether promoters of the Judicial Committee or by the promoters of the Jude fuit he did not or byy
should spend. Their sim, he said, was not to obtain power, or to master the intelligence of England, but to Fin the hearts of the poople, and this they were doing. Since the wrons they had sustaned had become known they had rereived the warmest demonstrations of kym-
pathy, and in handreds of Christian homes St. Alban's had been remembered this Christmas with love and praser. After observing that pstient endurance wrong was one of the means by which the world was to co won for Cbrist, the preacher, without any forma place in the chancel. The Bishop of Jondon has addressed the following letter to Mr. Mackonochie:







 lorky who miny tuw feel themselves phaced in a difinetty tis chought it their duyt hitterto to aret ayganst the advice sald ing $n$ veltica of worshif, to fo nnw what $I$ ann mirc all trae Chuse difrectly net over thern in the inct take comsincl with which thefr servieen nre henerforward to be endngeted, in conormity with tho neertained law of the Churlh Solne weeks
must elapse befure my fuccessor bas entered fully on duties of bls oflice, but I can lave no doubt he will be read fect of your prosent difnculties with that samp apprech the sub-


Dr. Prsey on the Jtdgment of the Judicial COMMITEEE - The followide letter has been addressed by the Rev. Dr. Pusey to the Timer, on the effect of the recent judgment on the Ritualist party :-
 appearnnce) turnu on any tomatter of faitb, but in simply and ex, osition of Acts of Parlinuluent, it does not affect the cin
sclencen of Churchmen in itself. It on! tell us the law Which, in the opininn of the Juflcial. Conimittece, we live. Wo
who betiove in the Real Oujective Presence aro bound in all Whn beifove in the Real Oujective Prosence aro bound in all
honety to lot the Cburch lnow what we do bellove. The
belief showed iteelf, of necesnty, in our way of celebratug






 the Blishops, priests, and deacons in like manner (i) nom bo
preaent) and after that to tho peoplo also, in order, into kneeling.' applied at all to the colebrant, it would gram Alhainistering to others A Hireethen which ocelurs after the
 the excluston of that the montion of which immediately preceden that sirectlon. If this (at it woild in invoiven

 not bavo becn aileges that frym ffence cund beention, it could


##    

 Propoadan, very sincorely yiars,o the fiviremgration of london 1 men, nho are sharcholders in the Hluta Amerition, and Colonisation Company, wz: soliciting lis advice and co-operation with mem an emigration scheme which had been deme:s of the artisans of this country. Mr having atated the purnort of a letter which and to which be has as yet recelved no fand Johnson replied as follows :-



 hr has nat receciverl it, hat if y give me

## purchase of land 1 am zuot elutirel mimpe t aner -





 ence to his Governmaent, what any otber man os:

 children wall bo neelured begond daht befrecteryl
 maisel frata a tax upmanl.
with the greateat possible piensure
Oprning of the Boys' Cotster HuybEarl of Shaftesbury last week opebed Pre?
Home' established by the Sorety for the Pre the Homeless and Destitute Children on Geay polis, as an addition to their Refure sa the Cha
Training Ship. The Home consists of a farm ransfer , near woking, weakly bors from the ib Kefuge, so that they may be trained to loot ses
anow rexetables, and till the land, and by tes fitted for service at home or in the colonies
building, which is designed in the Early constructed of brick, and is capsbe of accombur 100 inmates.
Drlitich COLLEAE - Publir meet.ng Do the purpose of opposing the propo Dawich College to nouble the present ton fees, which bould ralse them in : mousls, disapprovink of the proposed
capitation fees, deprerating the seref tude
ind bility of combining the upf er and lower one. A deputation was also apponated reoonsider their proposal.
Rrading-Rooy at the Nationil The acquisition of Sir Charles Eastiake: recently purchased by the Nathonal
remoral of the libmery of the Rosal Act lington House, have induced the the fine arts, and to establisha a librufy
he had committed any assault; and Smith raid he
should reserve his defence. They were committed to the Sessions for trial on all the charges.
Attempted Mubder and Scicide in SocthWARE - About three years aqo a woman named Lack residing in Southwark, murdered two of her younkest
children, and nttempted tha hfo of a third. She was tried and acquitted on the ground of insanity, and is now confined in a penal asy lum. What the history of on Monday evening the attention of the police was called to their bouse, when it was found the the father had given polton to his son in the form of laudanum bis throat in several places. The father wes taken to the hospital, where he lies in a dangerous state; and the stomiach-pump was apphed to the son with such at the Southwark Police Court on Tuesday, when was remanded for a few dass.
MORDEE $\triangle T$ BARNSBURY.-On Thursday night, the 24th ult., a young man named Jobn Moir, about 23 years of age, living in Alfred Street, Barnsbury, was shot dead by a man called George Campbell, an upholsterer residing in the same house. It appears that a party of When Campbell, after having in vain challenged deceased to wrestle with him for iss, loaded a rifle, and shot Moir throng tho head, kilhm hum a nation at Clerkenwell Police-court on Saturday, was remanded until yesterday, when he was committed for trin) on the charge of Wilful Murder. At the inquest which was held yesterday, the jury returned a verdet The Public
The Public Health. - The Registrat-General' weekly return states that in the week that ended
on Saturday, Dec. 26,3680 births and 2970 deaths were registered in London and in 13 other large towns o the United Kingdom. The annual rate of mortality Wha 24 per 1000 persons living, being 21 per 10001
in London, 29 in Edinburgh, 19 in Bristol, 18 in Birmingham, 26 in Liverpool, 30 in Manchester, 32 in Solford, 34 in Sheflield, 21 in Bradford, 33 in
Leodg, 26 in Hull, 33 in Newcastle-upon-Tyne, Leedk, 26 in Hull, 33 in Newcastlo-upon-Tyne, per 1000 during the week ending the 19 th ult. In London the births of 808 boys and 8.56 pirts, in ali 1661 children, were registered in the week. In the corresponding weeks of 10 years, $1858-67$, the averake number, corrected for jncreaseof population, Tas 1893. The deatlos registered in London during the week were 1262. It was the 52 d week of the
year, and the average number of deatus for that week, corrected for increase of population, was 1uju. The present return is therefore 333 below the average.

## Zrobinctal.

Abrrdare-Thomas Morris, charged with attompt ing to blow-up the house of Mr. Richards, farmer, at Cwmare, house at the time, was brougat before the magistrate had been bady burnt from head to foot by the powder, which he had put through the dairy window and ex ploded, Was closely wrapped up, and his features were a most nd ccable. allowed to lie down in the dock. The inquiry was conducted $1 n$ private, it beiog deemed essential to the ends of justice that the proceedings, wich imphicated several others, sanuld pot be published. The prisoner was charged with stealing four casks of powder, and with
feloniously committing damage with intent to murder. feloniously committing damage mith intent the murder.
After heariog evidence the beach remanded the prisoner for a week.

ABUNDEL.- The Duke of Norfolk attained his majority on Monday, and the event was celebrated at Arundel Castle with becomiog splendour. There was
a grand banquet in the baronial hall, at whioh the nobility and gentry of the nelghbourhood were present and addresses from the inhabitants of Arundel and Littlehampton were presented to the duke in the prosence of his trustees-Lord Edward Howard, Mr.
Hope-Scott, Mr. J. Abel Smith, and Serjeant Bellasis. The four following days were devoted to the entertainment of the smaller tenants, cottagers, school children, and husbandmen on the extensive famly estates in Sussex.
Birmingiasm. - On Saturday night, and again on Sunday, a large number of theves and depredators of every description assembled un Park Street, Glover evidently a disturbance, with accompanying plunder Their preliminary movements indicated an attack upon the Irish, but the police assembled in force, and were brought up before the magistrates on Monday, and sentenced each to two months' imprisonment.
Blacerburn.-A weaver named Compstead, living in the viliage of Ribchester, some miles distant from thi shoulders out of bed, his throat fearfully cut, and quite dead. A good deal of blood was sprinkled about, and the constahle suspected that a robbery had been commutted, from the fact that the apartment was in a disorderly condition, and that there were two boxes in the room which appeared to have been broken open. No one lived in the house but the deceased and a loder an old man named Clayton. Suspicion fell upon him, and as ho was nowhere to be found, the police proveeded to trace him, and at last found him, lying drunk and asleep, at a public-house in Ribchester. He was taken before the magistrates, and
inquest has been held.
Baighton.-On Christmas Eve a midnight cele-
church was partly fitled by a respectable auditory the and flowers. The altar was decorated with forty, and on a side table was the usual hight burning, surThe usuld by a carved figure of the infant Saviour by the officiating priests and choristers, The proceed nga commenced with an imposing procession, during wheh and throughout the entire sersice, incense was freely used. In fact, notwithstanding the recent decision of the Priyy Counchl, lights, racense and bowings were on the usual excessive scale. Many slightly suppressed sounds of discontent were heard throughout the service, both within and without the bullding; but at the commencement of the offertory gentences gentleman cried out, "It is perfect bosh; I say perfect rubbish." Immediately some of the vergers, with their oaken staves, rushed to the pew in and he was sitting; tho priests looked aghast, terror-stricken. The gentleman proceeded to say, When efforts were mado to expel him, "I expected this. I am not afraid to repeat my words; tis all perfect rubbish. Leave me alone; I will go Way without help." The vergers sain attempted to nubbisl. I came here to we apain suld, "It is perfect pnets of the Cburch of Enslad not of the Church of Rome Thes all mockery and rubbish, Mir. Purchen The last words ho ured aubero, Murchas. and nearing the altar On reching the doar two three vergers rather roughly pushed bim into the outer lobby and thence into the street. The service was then resumed, thongh the voice of the officiator was very tremulous, and side-long glances were taken by those in the chote at every murmuring sound from without. Many persons immediately left the building some ten or a dozen only remanning to partake of the Commuaion, in. The concregation separatel about is is ; but as a of police were ffered no persona COLCHEster.-In the storm or Monday evening the with a loud crash, breaking through the roof and ding onsidorad crash, breaking hrouga tho roor and doing is in the Gothic style, has been built only five jeare, a cost about 50 OH$)$ l
COVENTBY. - On Wednesday morning a married ley, two named Holmes, living in the willage of Alleschyld, nine months old, by cuttinu its thront evr to ear. She js the wife of a wheeluright in the village, and both parties have bren much respected by the neighbours. She is the mother of three children,
but the other two were at the village selionl the murder was committed. At the inguest on Thurs day, tue evidence threw no light on the cause of the deed, and it is supposed she was labouring under insanity at the time. The jury returned a verdict of wilful murder. The prisoner, who seemed to be in
very despondent state, wept bitterly when the verdiot very despondent state, w
Ely.- The fens between this place and Peterborough are under water, several thousands of acres being submerged. From all directions complaints are heard bolin of the heaviness and long duration of the rains.
Feversham. - A thind of the sufferers from the recent gunpowder explosion at Messrs. Heil's work died on Wednesday. Five out of the six survivors remain in a dangerous condition.
Hexifar. - The "Countess of Derwentwater" is preparing for a new trial in London, to eet aside the benn of the magistrates of this town, 85 to her recovered from the illness caused by the fatigue and wet whist encamped at Dilston, and now occuples her time in arranging the "family papers" for this new attempt to recover her estates.
LaNCASTEB. - The recent heavy rains have partially, and in some phaces completely, flooded the low-lying districts of north and nortb-east Lancashire. In the nelghbourhood of Garstang, St. Michael 's, Eccleston, de., a large tract of land has been under water, and on Saturday towards midnight the Ribble overflowered its banks in several of the low-lying disiricts around Preston. At Croston, Rufford, Mawdesley, \&c., the drams, sluices, and ditches have not been sufficient to carry of the immense quantity of rain which bas falled so that hundreds of acres are submerged, and the district has the a ppearance of a great lake.
the rigu Bugadke, whin was convicted隹 The execution took place withn the castle-yard, and was witnessed ouly by officisl and other persons as provided by the recent Act of Parliament. The culprit fainted away white being pimioned but soan recarered sud walked to the drop with a firm step. She declared her innocence to the last, although the facts diselosed at the trial left no doubt as to her guilt.
Maideniead - On Tuesday aman of independent means, named Henry Miller, residing at Huriey, near thus town, was brought before the mayor and other that the prin several charges of forgior $35 \%$ to Mr Dawson, of the White Hart, which bore the signature E Rigeall, Queen's Road, Bayswater.' Mr. Riggall, who is a medical man, living at that address, whe s fore two other caces, the shanture of one bill being 80l, and the other 18/, 10s When apprehended, the prisoner ssid there was on acten pending in whech he was plaintiff, and he hoped to have realised the amount necessary to meet the bills before they became due. The magistrates committed him for trial at the assizes, and consented to mitted

## THE GARDENERS' CHRONICLE AND AGRICULTURAL GAZETTE

bail in 6ool. The bail not being forthcoming, the SuLrsse-A burplary was commitled late on the exploston at Norley
prinoner was conveged to Reading Gaol.
Monmouth.-A special session was held last woek at Newport, to consider the olams made by 91 persons for damage done to their houres durime tho election Tiots in that town on the 17 ith and lish Nuvember. High Constable of the oblain comperisation from the Which the claim was made, according to the interpretation of the julqes, required that, $t$, prove a felonions iatent, hiere deoided that as it ount not be shown that the riotere had any felomous intent the claims could not be sustained. They sard that they sympathised greatly with the sufferers and othersammilariy situated, and regretted their mabillty to glve relief

Nobthapptun.- On Saturday night, James Kemp anna in the street mith a double-barrelled gun, aparoached him with the view of ascertammen what he was doins, when the man callied out, " keep back, or which the mand fired the gins, and todked the chat, upon the offizer's left breast. The perpetrator of the outrage Wes pursued and taken. He is a shoe machunist, borough to spend Christmas with his parents bingtown. The officer was removed to the hospital, and died from the effects of his wound on Tuesclay morning. The prisoner was taken before the mazistrates ing Wece prisoner was taken before the maxistrates of Willul Morder.
Nottinguta.-Many parts of Nottinghamshire Derbyshire, linmolnahy parts and Nottinghamshire deeply fooded. The Trent, Derwent, snd other rivers have completely overflowed thetir banks, nul several bridges luve been damazed by the extraordinary volume of Water. Near this tonn the works of the new bridges over the Treut have been altowether stopped,
and one part of the old bridge over that river leading anto the partion by the London roed has given way. On Monday afternoon rain and snow were still falling

than they haver ( than they have beenfur come years past The meadows adjacent to the Isíg aud Cuerwell are completely corered for minles. Clurist Church meadow is quite gubuserged, the water encrourchar upou the gravel
path. In the walks of Magdalen folle path. In the walks of Magdalen College the flowd is Park are quite inundated. Port Meadow has cutirely disappaared beneatl the water, and for some distance bilow Onford the country looks like one vust lake.
Pickzpina.- On Monday a girl named I-abel Scales under 13 yearg of age, wes charged with attempting to poison a family in which she was s servant. The crime was committed on Sunday week st a farmhouse in Thornton Marshes, the poison having been mixed With the sugar, of which Mr. and Mrs Dodsworth, three ohaldren, and two firm lads partowk.
these have now recovered, but Mrs. Dodswort these have now recovered, but Mrs. Modsworth is nol
sufficently well to give evidence. The prisoner was remanded.
PLimoCTH.-During the storm of Monday two shipa at anchor in the Sound were driven on Mount Owiag to the boisterous weather which into harbour. time prevailed in the Channel which has for some not been able to communicate with the Eddystone Lightbouse for eight weeks, so that it has boen imposible to ralieve the heepers whose turn it is to be ashore. tance of the rock, but the terrific sea runoing over it has rendered nearer approach impossible. The lightkeepers board thenselves, but have in store at the lighthouse a supply of Government provisions provided or such an emergency.
$\underset{\text { READIN } k,-O i}{ }$ Sunday morning, belore deybreak, gamekeepers Mortimer, in which Mr. Newman, isenyon, M.P., at was wounded in his head, and a Keepor nemed Duffin Whs treated in ouch a brutal manner that his skull was rious state. The phaces, and he lies in a very precaWho have been bruught before the megistrates and Rocrdale-During the stome of Surday last a ins comatruoted for a Sunday thohool, was A aew buildafternoon and about sonday-mohool, was opened in the part in the speoinl religions services whick were to
mark it dedion won to the intonded work of religious
indtruction Shortly the inotruction. Shortly atorwards the wind blaw outious congremation remanned. About an hour later the galo number of persona were seriously injured and a grea had ther lers or arms broken, a ad one of them a youm moman calien Authint, has been obliged to hate hat leg amputated
Salforis-A murder was committed on Saturday evening in one of the ulain thoroughlares of this town A young matu about 20 years of ago, named Johnson, Who was partially intoricated, went to a public-house troublesome that the landlord became co noisy, and drew a knile, and tried to ejeoted him. He then not eucoeed. Shortly afterwbrds he forced bis way ind the torne, knife in hand, and, threatening to st, y who dind it in to the thigh of e waitern no stab someromining about the minutes. The murderer, sfter walk quielly awy the byatander boig was allowed to fare with him. Whe betanders boing afrad to inter-
afternoon, whan ho wh was seon of him until Sunday neath a bod in a hom
night of Saturday week, or early on the following morniug, at Trematon Castle, the seat of Admiral have been collectors of couns and other antiquities, which were placed in the "suluare tower," a building some hun lred yards distant from the main part of the castle. On the Monday morning it was discovered that the door of the tower had been broken opeu with a crowbar, and a Narge number of the plate nas touched, the weason for which is m mystery, as the articles stolen reason for which is a mystery, as the ar
were those most iikely to be ersily traced.
Scarborocgit.-On Monday, in consequence of information that a robbery had been planned to take place superintendent of police sent three constables to Mr. superintendent of poince sent three constables to Mr.
Leadley's assistance. On their way they fell in with Leadley's assistance. On their way they fell in with Wree notorious poachers, called Johnson, Holkand, and who immed whately fired upon the officers, bringing them all three to the ground. The prisuters were appre-
hended on their return to their homes, and have been hended on their return to their homes, and have been
remanded until the otlicer, one of whon is seserely remanded unth the oflicer-, one of whom 18 ses erely SheFribld.- The storm of Sunday was felt with dreat severity in this town. The roof of the steel melting-house and coke-shed at the Cyolops Works, constructed of iron girders, covered with slates, and supported on massive iron pillars, was blown down, were just leaving: four had sot out of the house and were just leaving; four had got out of the house, and Wo were going out, when they were crushed by the
falling roof, and killed on the spot. At New Grimesproopitated, beds and all, into a yard lis feet below, but without sustaming auy serious imjury.
Stonerotse-Oa Tueslay Colonel Penrose, commanding the Plymouth Division of Royal Marines, issued an order on parade forbiduling any oflicer or private of the divisiou to attend the Caristmas pantomime at the Plymouth Theatre until further orders. entran of the thenere might at the that the order was obsed aped Government ${ }^{\text {to see }}$ policemun "as slor sald to have been present. The order is eaid to havo been caused by the fact that part of the pantomize is considered to throw ridiule on the diminution of the audience officers. In addıtion to several Marines emplayed at the theatre were obliged to resign the
yesterday.
SWanisa.-A desperate poaching affray took
I Sunday at Pentlegar, on the land of Mr. face in the morning his five keepers came about 2 o'clook five poachers and their dons, and a fight ensued, in Tren tho keepers, who had been plruhibited from curry ing any defensive weapon, were so severely minitel
that two are not expected to live. Four of the poncher: ve been ajpprehendell and identitied.- A Another stting of John Morgan, the azod farmer of lelindre the body shot through tho head while siting hefore the fire in his cottage, and whose body was subsequently found lying dead upon the floor in a pool of blood. The pockets had been rifled, but nearly $40 l$. remained undigproved than inside waistookt pocket. The evidence proved that shot and slugs had been found in the house hitherto onnsidered a respeotable pouns man of the district. The inquiry was again aupurgman of the Taylor, the analytical chemist of London could attend and state the result of his exumetion of partions of the clothes of the accused which had been sent him by evidence to tho effect On Tuesday Dr. Taylor gave evidence to the effeet that on the trousers of the accused, and also on the hair of his dog, there were rares of blood of recent date, but the quantity was not sufficient for him to be able to state with certainty Thether they were the spots of human blood or not. There was nothing inconsistent in their appearance rom that of human blood. He had carefully examined head of the deceased, and laken from the wound in the slugs were made from flattened opinion was that these usual gun shot. Previous witneases proved that the accused had borrowed a plece of flattened lead some kime previously, as he bad then said for the purpose of woighed varinous suspicious oircumbtanoes which ive a mogt careful investigntion to the frots, jury to jury, fitbor a short consultation, returned an onen verdiot of Wilful Murder against some person or
persons unknown. The cemisen chareed, but on Wednesiarsed was consequently disCounty magistrates in petty session at \&uracere the Ifter some prehminary murder of Jobn Morgan ifter some prehminary evidence he was remanded. received - On Sunday the governor of Taunton Gaol recelved from the Home Secretary a respite for Hobert steribut duriag her Majesty's pleasure. This is doubtless his innocence the fast that he has all along protested dot allow an innocent man to be huog. Bisgrove, the thill penviet, remains in the same sullen state, and is conviction the confession he made the day after murderer, although sweet was sitting alone, whe the rove ciose to him at the time. The erecution sf Monday morniag rithin place, as already fixed, on Hean.-On Thursiey of lat the prison.
searchers, sccompanied by the Goyermmen marty of aucoeeded in recovering the bodies of the itwo men,
explosion at N equeutly broukntht to shaft, and another terriblo exi
l'th, ut the haydock
miles from this toso

## everal men

ently manaked, and the sald that



it., is still at large, notwithot thit torn and con of suspected persons 10 different perme returned a verdiot of Wilfui Murder mat person unknown
by the heavy ruins of the last feen mas meadiows on either side are flonded min the Cookham aud Wind indsor the touse to I roperty part under water, and very dangerous for to tream being in many places very -
commenced at noon general fall
Rdings. The wolds and may in the Aotem country, were soun covered, and at nient in falling heavils. Frost oecurre i duriug he of
the flood waters have run in cousideraty

## frcland.

THe Irisf Prerage.-The $D_{\mathrm{w}} \mathrm{l}_{\text {in }}$ Gary the oflicial announcement that the Earl od b in the House of Londs in the room Farnham.
latw Appointurent-Mr. Iame Jojat a in the room of the late Mr. Kemmis. ture from Dublin, the luke of Abemorn letter to the Commander of the 1 their loyalty, their loyalty, daciphine, and
try ing crreumstanees trying erreumstanees whichs oecurrer
royalty. His 1 fordshnp's daughter,
Mount Edpeunbe is Mount Fdgcunbe, is conalderabls better, am
 of Aberoorn
of the week.
The Latr Dr. Cooke - The memorial io Dr. Cooke has been defiutively decerded memorial, anis, 11 addition, a statue, muct abluma or nedental, in to to be can he pro ured.
able
atre Tus
 from Tuskar Lighthouse dming the past fer ait light tender has been sent down to render sur
o those on the ruck. It appears that the lativin were in distress for water.
The Aqbabi in Or'Trafe in Mpith did not oceur at the town of Athbry, bu
niles from it. Three shots were dis iater carriage, as the distance of a forchead. Mr Rotheram's the marks of no fewrer than 20 slug, being encaged in the outrage, and they murt th perfectly aware of Mrs. Rotheram's preene day morning, at six oclock, Mr George Cns
Justice of the Peace for the county of There? Justice of the Peace for the cou
shot dead near his own house
served some ejectment processes.

## Stotlanio.

Invercauld Forfat-It is reported that pino forest of Ballochbule, the most sule th
natural-arown Seots Firs in nll Sontispd. granted on a leme Farquharson. dursing the period of the lense, is to hastel the foreat, with tho
down trees, and atich
It is also rumoured that Billoctbuie ot lease.

2 4 ailways.

## OPRNING OF THE W ESTMTMETEB BL

 Metropolitans.-ThatDistrict Railway
Bridge to Gloucester Road, Bromptot,
about 82 miles, was opened to the p
ont

## THE GARDENERS' CHRONTCLE AND AGRICUITURAL GAZETTE

Titl, fur the rurpime of organising so $\mid$ In the usual fow. The prisoner seemed quite anaffectod by Peat cultee, underneath Oxford Street, Cheapside. Resolutions were unanidruntage; that it would be highly habitants or Oxford strect and to the dof its construction it would be a publs nesing reat obstruction to the traffic and It wis elso resolved to invite the co-operacmoomad in opposing the Bill, and a com-- eppointed the opposition.
hatime thr Londos and North-Wretren hintpas Inay an accudent, fortunately unany loss of life, toot place near the trion, branch within a very short time. os the rails, but as the speed had been of the carriages were upeet and no one OH THE LONDO
ON THB LONDON $A N D$ NobTEfom Manchester, ran into an ongine ading on the main line of rails near carriages were much damaged, and
injured. Nine of them were taken $t$ Infirmary, ond, with their exception ilway clerk, who had his leg fractured,
of Leok, who was much gaken, tie Onsengers proceeded on their journey ring- branch junction on the same thne sonth of the Wigan passenger - lunt ng to an adjarent line. Tro onn across the other line, pasaing
the cnaze driver, who har fallen
forral of tho passengers wre no lives were fist.
 Birn ingham on Wednesday, Thomas
the service of the rallway company, the service of the rallway company, a, inay tuard, under of aseumstances hen described It was proved $t$ areosote at a chemist's shop in
alay of the robbery, thet the lid of
the van, was his property, that footsteps ved as to his own were found upon the guard's It portion of the money was discovered on the
ing along the road he had passed. The 1 nuse along the road he had passed. The
remanded till Thursday, when he mifthen to the assizes for trial.

## 3 3 (w.

 trinder bits wife, fromy Ghom was charged with mint be met ther in the street, and inficted several




 be carried. The Waggon sud lern
Tho privoner received an excellent


 int it it of Darid Baldy, at Kingston,






 Binh pocarmouth, on the 1 th of July, by stabbing him fin jealoung on the part of the prisoner with regard to atlack whes wiff, who had hived with him up to the very day of her
marivake. The jury petarnod is verilict of woudfing witi intent to mum und difigure, and he was bontonood to penal

 tharged with forging and uttering a will patporting to bo the fat will and teotument of Henry Trmmer, with intent to defrutd. The case was one of gome intrioncy, which was not leasened by the fact that the prisoner had npmarontly no
iknefictal intervent in tho ducuanent nlleged to the fongeal,
 trenented by the wil. The jury returned a wordict of Giulfy, Sentenco wh deferred until next wession.

## (3) ${ }^{\text {btuaxy. }}$





| en. it the t mirt af Kings Benoh in Irelan. frum 1 161. in: in the roign of Elizabeth, and eatablushed fiself ontins of Ferman wh sad Mo naghals He wan burra in Is at Trinity Cullege, Cambridge, where be touk his <br>  the har at Liocoln's-inn in the following year, and at |
| :---: |

1829 by Sir Robert Peal, then Home Beeretary, tit the poan of
 rionsly entruated. He wat nominsted a Companine of the
Bath in 1847 in recogaition of hitn offecal





 MY M, kect of Edinburghble, FRY h.8., vico-prosident of the

 resideri for mome thoie in New suruth Wales, And communded

 Mr. Reve Thompson 8uyth, of Ardmore, Londonderry. Ho
is suocoeded by hia brother Robert Ramesy Mackenzle, born
in 1811 in









 111 Istritest with pastruts of horsee drawn hy Mamikill, on well
 Thle wis lwight by the tuen triko of Marlmwi why He was




 Mr. Joasy stymoss, one of the manior clerks in the Lagacy Dativ Dopartment at Sornervet touse, diled on ("bristman Day. Mr, Chalurka, the fiventur of the Chalmers profectur of the Chanvel lafilwuy died on situranget, and hys second target ordered by the nuthorithos was on the ore o

Hit alt, at Lumy inat, the trageding died of fever, on the 'int har (the Viro if Mr Stintey fint intrndireed Mr. tercontenary in the Town Hall, when they gave selectionn from Mr. Pritoh mr l that of Othelso. This anid uurinuis wero hif Anest inapiss inations. He appenrod an Othellu at the Newantil he took his final farewell, mortly after a groat chave of lat seqe $n$ He leaves a young widow, herseif a great farourito in

## 

## COVENT GARDEN. -

We have had a rerg quiet week hero, ant no clango thant
vould command attentinn wr le'd to business, the only
 cupplied, and prices are barcly kept int Are nimandantily poundm. Amgrioan isew Tuwn frppins of exciltent per dusility



 tor. best samplet, of which there is a meanty supply in generah,
though there are large artival of Klaney Potatos of fino 10 lb . ewh. Fowors chiefy consist of Orchide, Primulas Hycinths, Tulps, Heaths, Mgnonotite, Poinsettias, Cytíaus FRUIT.



| Beet, per duz, 1 is to st |  |
| :---: | :---: |
| Cabbagees, per |  |
| Carrote, per m | O |
| Celery, p bund., 19 ed to 2 s cid | Pa |
| Cı, chumers |  |
| doz, is e: | Tive to 150 |
| Garlic and shallota, $\mathrm{P}^{16}$, ${ }^{\text {a }}$ | - Fluken, do. 19 ma to 1000 |
| Herba, per ban |  |
| Leeks, pur buinch, |  |
| Leeka, pur buncu, | Turnape, p. buncts is to |

HOPS.-Bonovor Manict. Frday, Jan 1 .
Menars Pattenden \& suith report that trite has leeen


## THE GARDENERS' CHRONICLE AND AGRICULTURAL GAZETTE

beil in cook. The bail not being forthooming, the SaLTAsE.-A burglary was oommitted late on the
MONMOUTH, - A special seesion was held last week at Newport, to consider the olanms made by 91 perrons for damparge done to their houless during tho election riots in that town on the $7 \overline{7}$ th and 18 sin Novernber The claimants soukht to obtain comprinsation from the Hhich the ollaim ซas made, accordung to the interpreWhich the elaim was made, according to the materpreintont, there muses be such a demolition of property as rendered the honses unfit for habitution, the nugutrates
deoided that as it could not be shown that the riotera deoded tast as st could not be shown that the rioters had any felonious in tent the claimes could not be sus
taneod. They said fllat thes sympatiused greatly with the sufferers and othiers simlarly siluated, and regretted their mabinly to give relief.
a delective policeman in this a detective policeman in this town, seeing o young
man
iu the treet with a double-barrelled man in the witreet with a double-barreiled gun,
approcched hum with the view of ascertanng what he

 Which the , illan fired the pun, ard lodked the charge in Wes pursued and takeu. He is a shoe machinust, named Bridgwater, Who had come from Welling, borough to spend Cbristmas with his parents in this town. The oflicer was removed to the hospital, and died from the effects of his wound on Tueslay morniog . The prisoner was taken before the magistrates on Wednesday, and commithed for trial on lie chargo of Wilful Marder.
Derbyshise, Limemhany parts of Nollinghamshire Derbysiare, Lincolushire, and Letcestershire are doeply floded. The Trent, Derwent, sud other rivers bridgee lisve beets damaged by che extravorditary volume of water. Near this town the works of the new bridges over the Treat have been altokether stopped,
and one part of the old bridge over that river leading into the town by the London road has siven way. On Honday aternoon rain and snow were still falling heavily, and the water was rapidly ris uge.
OXFURD - The thouds are hisher at (sx ford at present adjaceat to the Ishs and Cherwell are completely covered for miles. ('hist Chureh meadow is quite subuntred, the water encreanthong upen the gravel palli. In the waiks of Magdalen ( onlcto the foord is also very hagh, and the lauds in the ricunty of the Nem disappeared benesth the water, and for hom entirely below Oxford the country looks like one vast lake.
Picereinco.-On Monday a girl named I mbel Sobles under 18 yoars of age, was charged with attempting to poison family 10 which she was a servant. The crime Was committed on Sunday week at a farminuse in Thornton Marshes, the poison having boen mixed Fith the sugar, of whuh Mr. and Mrs. Dodsworth, these hase nau recovered, but Mrs. Dodsworth is not sufficiently well to give evidence. The prisoner was remanded.
Phymoute.-Daring the storm of Monday tro bhips at anohor in the Sound were driven on Mount Owing to the boisterous weather whicd into barbour. time prevailed in the Cbarnel the Trinity tend some not been able to communncate with the tender has Lighthouse for eight weeks, wo that th has been impossible to ralneve the keepers, whose tura it is to be ashore. foe tencer has geveral times run within hailing dishas rendered nearer anproach in sean rumaing over it heepens board themselses, but impossible. The lightlighthouse a supply of Governutent provisions provided for such an emergency.
Rsadinga. -Ou Sunday morning, before daybreak, eight poachers made a deaperate attack upon four Mortimer, in which Mr. Nownir. Benyon, MP, at was wounded ia his head, nud a keeper named butfin Wroken in in auch a brutal maxner that his skull was rious state. Theral pleos, and he lies in a very precarious itate. The police have apprehended four men,
who have been brought before the magistrates and

## remanded.

Rhockidale-Dibuing the storta of Sunday last a shookina colamity oocurred in this town. A new build-
infer construoted or sunday -mothool, was opened in the
atornoon and pmert in tha speopint relifious mervioes whemed to take of the windo stiortly aherwards the wind blew out one lifted ahon remanel. About an hour later the gate number of perions were seriously iomured. Six of them moman ealied leg ampulated , has been obiged to hate her Salford.-A
evening in one of tile main thommitted on Saturday A joutrg man about hain thoroughfares of this town A jouth was partially abt 20 yeara of age, named Johason, Where dancing was goinc on, went to a public-house troublenome that tho landlord epected bio noisy. and drew a knife, and tried to staje the him. IIe then not sucoeed. Shortly afterwards the landlord, but did the boves kufe in hand, and, threatening to stray into bodys thrust it into the thigh of a waiternamed to starnewho died in a fow minutes. The murderer, finter Filk quiety ant the spot a short time, was allowed to
sernoan, Nothing was sean of him until inter-
arearnoon, whan he wed apprehended conooaled under-
night of Saturday weel, or early on the following Tuoker, The admiral's father and the admiral himself have been collectore of coins bad other autiquties, whell were placed in the "square tower," a building Whth were paced in ditau frome the main part of the castle. On the Monday nornmg it was disuovered that the door of the t,wer had been broken open with viric stolea. None of the plute was touched, the reason for whioh is a mystery, as the artivles stolen were those most likely to be easily traced.
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superintendent of police sent three constables to Mr. superintendent of polico sent three constables to Mr .
Leadley's assistance. On their way they fell in with threo notorious poachers, called Johnson, Holland, and Walker, by whom tho robbery had been planned, and Who immediately fired upon the oflicers, bringiug them ail three to the ground. The prisuners were aipre-
hended on ther ret urn to their homes, and have been hended on therir return to their homes, and have been shot in the face, are able to appear agalust them,
SHEFFIRLD. The atorm of Sunday was felt with Sherfikld.-The atorm of Sunday was felt with
areat severity in this town. The roof of the steol melting-house and coke-shed at the Cyolops Works, coustructed of iron girders, oovered with slates, and supported on massive 1 ron pillar8, was blown down, the cirders haring snapped asunder. Some workmen were just lesving; four had got out of the house, and two were going out, When they were orushed by the falling roof, and killed on the spot. At New Grimetthorpe a house fell down, and seven persons were but without sustainink any serious injurs. manding the llymouth Division of Royal Mar issued an order on parade forbidding any officer or private of the divisiou to attend the Christmas pantomime at the Plymouth Theatre untill further orders Pickehs of Sarines were placed at might at the entrances to the thentre, apparently on duty, to see
that the order was obesed. A Governmeot policeuran uas alıo sand to have been present. The of the pantomime is considered to the lact that part the corps, particularly on the officers. In addition to the diminution of the audience caused by this order, resign tharines employed at the theatre wero obliged to resign their appointments. The order was revoked Swarcisy
SWANSMA-A desperate posining affray took place Llewelyn, one Pantlegar, on the land of Mr. S. D. Llewelyn, one of the marpistrates, At about 2 o'clook five poarhers and their dops, and a fight ensued, in Which the keepers, who had been prohbited from hat two are not exjected to live Four of the poacherof the coroner's ingury apd identetied - Another sitting of tho coroner's minury has been held upon the body
of गohn Morgan, the aked farmer of Velinire, who was of bohn Morgan, the akod farmer of Velinire, who was
ghot througt the head while sitting before the fire in his cottage, and whose body mas subsequently found lying dead upon the floor in a pool of blood. The covered in been rifled, but nearly 40l. remained undiscovered in an inside waistooat pocket. The evidence proved that anot and slugs had been found in the house of the accused, Henry Evans, a nephew of the deceaser hitherto considered a respeotable young man of the distrut. The inquiry was agan a journed untol br Taylor, the anslytical chemist of London could attend and state the result of his examination of portions of the police authe accused whieh had been rent him by evidence to the effect that on the trousers of the accused, and also on the hair of his dogs thero were traces of blood of recent date, but the quantity was not sufficient for him to be able to state with certainty Whether they were the spots of human blood or not. There was nothing inconsistent in their appesrance from that of human blood He had carefully examined the small pieces of lead taken from the wound in the sluga were made from, flatten opiniou wha that these usual gun shot. Previous ent ead, and were not the accused had horrowed a piecs of flattened that the time previously, as he had thien said for the purpose of kut the vall. The coroner, in summing up, pointed Weighed against the accused, but urged the jury to kive a most careful investigation to the facts. The
jury after shors consultation, returned an open
verdint of verdiot of Wilful Murder against mome an opson charzed, but on Wednesday county, maxistrates in petty gession at Nwanceq the Arter some preliminary exidender of John Morgan $W_{\text {ELIS. }}$-On Sundlay the some he was retnanded. received from the Horue Secretary a resnite for Gaol 8weot during her Majesty's pleary a respite for Robert attributable to the fact that he has all alone doubtless his innocence, and declared his bolief thang protester not allow an innocent man to be hung ther persists that the in the same sullon stete, and his conviotion the confesion he made the day aner murderer, although isweet was, and he alone, was the aimost close to him at the time sitting on the stile grove will therefore take place so execution of 138 Wigan. - On Thursdey of lais of the prison.
searchers, acoompanied by of last week as party of

explosion at Norley Colliery They
neath a fall of roof of congidenth
were taken down
 Putit, in the Haydock Collieps toot phan is is several men soverely whoh inured if il several men severely iojured hit,
Government ingpeotor, said that the nit
lently managed, and the cause of the
known. It is rumourd then brattice clothe interfored with an explosion was most violent, shatienn
intosplinters, - The murderer of the girl ult, is atill at achurst, near the notwiths sion of suspected persons in returned a verdiot of Wiffol person unknown.
by the hes.-The Thames has been so mat medows on either side are flooled, having entered the lower floone of the Cookh has caused great damage to p part under water, and very daygurous stream being in many placea very fm commenced at norst genernl fall of snom commencod at noon on Tuesiay in th country, were moon covered, and at nurst the flood waters have ran in considerab,

## Ircland.

The Irtahe Perragr.- The Dubliat Oast,
 in the House of Lrords in the room of ton Farnham.
Law Apporntment - Mr. - Iane soyut so appointed Crown and Treasiry Solit
The Late Lord-hietitevis ure from Dublin, the Duke of $A$-Berore m 5 letter to the Commander of the lormen, stabulary authorities, exproasing hit tryin leyalty, disoiphue, and conaret royalty. His Jordship's daukhter, Mount Edgeumbe, is oonsiderably b, of danger. In consequence of this chiman of Aberoorn
of the wheek
THR Late Dr. Coore - The memonal th Assembly Hall is to be detegted in dedifast uy memorial, and, in addition, athethe, mont olumn or pedestal, is to be
adle cite that can he pro ured.
Tur tre
THE TraKar Lichithor'ar, - In cememan the recent storma siguals of distress hare hean $n$ ?
from Tuskar highthouse during the pat for 14 a light teader lias been set.t down to render sto to those on the rock. It a
were in distress for water
The Agrabian OU'trafie in Mpith- $\mathrm{l}^{\circ}$ That the attack on Mr lootheraw, 12 the mour
did not oecur at the town of Athbry males from it. Three shots were disctarg:
carriage, as the distance of a fers pace carrage, as the distance of a few paces
slugat took effert, wounding Mrs M M: Ant forehead. Mr. Romerinis escape
the marks of no fewer than 20 slupin the carriage. engaged in the outrage, suld they must
perfectly aware of Mrs. Rot Agrartan OUTBagas In TIPPBBABy-UD day morning, at six o'olock, Mr. George (
Justice of the Peace for the county of Trp shot dead near his own house,
served
nome ejootment processes.

Scotlatio.
Intercacld Fobfst.-It is reported that b pine forest of Ballochbuie, the moss supeto
natural-grown Scots Firs is all Smollacd granted on a lemse of 19 years to the Quad
Fargubareon, of Inverinuld, the propruer duriug the period of the lease, 15 to ar ane the timber are to be out or sold turtiber be It is also rumoured that Balluchbule 1 impor
lease.

2 ${ }^{2}$ ailways.
 District Railway whie
Bridge to Gloucester Road, l3mmita, s. is about a fifth part of the entire cirut in
be nearly 13 miles in length, starta returbing to a give
running botwent running between :5 running betwect is
continued to run
the City with grea
the City
minutes.
The tr
ans Peopogemo
The prophongo EyDI Past ind Cry









 agreed with the verdete of the yury. After commenting on tho
gavity of the offenco, hite lordishlp sentenced the prisoner to











 fiva yeary penai ber itudio, and yet almost is os
out oprion he was at the sanie work atiln. Arwin wis nfo









 cate ber cbile Tae chlid had been "fannerd, ornt hut w
returued to the mother, who said she would not have it, bu returued to the mrther, Wha said ghe would not have it, but
ghould send it lack agrin. The prisoner'a master afterwards,
attracted by the crienof the chidd, fonnd it at the hottom of a privy, half suffocated in the solt Tho cbit $\pm$ died from wouks agoat the union, Tle jury finnt the prisoner Guify, with n
recommendetion to merey. Hy lurdship gentenced her to pemal servitude for five Jears. Klection Roo ot Shafleld,
Thomas Moore, 28, blade striker; Robert Mortor, 21, culler
 assaulting with sticics and bludgeons John Smith, and also
with mtenlong curtain money from hin dwelling-honted, and putring link in bodily fear on the polling-day, durting the

 (Lutr me, nnd sentenced to six monthe' imprisonmanti
 Ayhton whlir I.jne, and stolen a quilt, a rup, A jair of been lomken into and robhed, and the primnera were after wir is found in possession of the property, an i trwing to dha-
pike if it The eriflence ngninst Wornall was alight, and be

 wounding John Hardecre with intent to muriler him, at Bishopwenrmouth, un the 11 th of July, hy atal thing lifin in
the cheot with a pocket koife. The motive for the altan k wan the cheot with a pocket koife. The motive for the altal wan wife, whe The sury ruturmed apendict tery day of her



 lessmod thy the fet that the primoner had apparemats no

 bentited by the will. The jury returned a vordict of Guhty,
hut reomamented bim to mercy on :lecount of hin fatmily.

## Bbituaと1.

The ITun Arabelia Catherine Wolmeqholimr diod on Thristuas Didy she was sunt of the filloth Fisount Bungor, and miratred Horse. Hoehanpiton

## 











 entered the neal serve of the Lamt nida Company. H0









 N.




 int was in ugat is? the then Dutk of Marlburough. Ho was






 Mr Crackense, the invontur of the Chalmern target, and ..mpletion, furge furtlered exportme nt.s. Ile ledres a widow and

 Ieronterniry iu the Tuwn Hull, when thers kive seceetions froon



IIo leaves a young widur, Lerself a great farourito in

## sitarkets.

We b tro had a very quiet wook hero, and no charige that article keing in rather more request in Kont Cobe, which

 poun is American New Town Inppins of exceltent quality


 thmah 1 atere are lur ce ansis is of Kidnoy Putato of fine $4^{1+1 / t y}$ frum 13, 1, fums, realising 908, yer acuro bagg of about Hyanthe, T I i ${ }^{19}$, Hoaths, Mignonotte, Poinsettias, Cytiriz racemoea, ('yclamens, Deutelas, Lantanas, end Camellias









HOPR, Bonotma MaRTET, Friday, Ian I. Mesars. Patten ien \& Smith report that tride han I een inat durfay then quotintions romaining ubebanged.
'THE GARDENERS' CIRONICLE AND AGRICULTURIL GAZETTE

WNGLISH WOOL. season, but there is every appearance of firminess, and much bigher rates as the season adrances. Curhent Prices of Englibh Wo

Half-bred ditto
Kent Flecees.
Bouthdown
Bouthdown ewees and "wethers Bortz-Clothing
ditto

 Walls End Original Belmont, 18s, gd. ; Walls Fad Hartlepool, 17. ©d. ; Waile End South Hartlepool, 18s; Walls End South
 METROPOLITAN MEAT MARKET--Dec. 81.
Beat Frath Butter


## METROPOLITAN CATTLE MARKET.

We have a fatr supply of Beasta for the day as to numbers, are conacquently in demand at bigh prices. The number of
 best ciescriptions are, bowever, rendily dipposed of, at fully
Late rates. Choice Calves are mearceand dear. Our foreign
 land there are 232 Beasts; from Ireland, 280; from Norfolk
and Sufilk, 120; and 1100 from the Midand and Northern Counties.

Beat Stoty, Eice-
E. d, E. d.
 Best Bhorthoris 2d quallity Beasta IIalf-breds
Beasts, 20s0; Sleep and

${ }_{8}^{2}$ ? rt
 grinding pand distilining quanlities we observo. no quatable
change. Oats moved oft etedily, and were the turn dearer change. Oats moved oft atendily, and were the turn dearor.
Beans nud Peas contined a slow eale at former prices. Flour met more attention at fully late rates. The supplies of grain

 from active For arrived Wheat 1 s . Fer qr. Ligitr
made within the last day or two. Maize was a dull ade, but
 ment the trade is slow.
The arfula
of Eoglish grafn are small, and moderate of The arrivala of Eaglish grain are small, and moderate market, and the littJe English Wheat on offer was taken at
rather over Mondey's quotations; forcign was penerally hold for nn adrance, with which millers were unwilling to comply,
but the business done wha at full rates. Spring Corn of all descriptions was very firm. Flour brought rather more money.

Anrivals then Wifk.
Engliss
Irish
Fnreig


Liverpool, Tuendey, Dec. 29 .-There was a vory fair attendance at to-day's marlet. Wheat met a good average
demand, at the extreme rates of Tueaday last. Flour eteady. at previous rates. Indinn Corn met buta moderate requeat, at a decline of from 3d. to Bd. per qr. from last Tuesday's
rates. Pess dull, and Bd. to 1 s. lower. Oata and Oatmeal rates. Pces duil, and.
quitet, and unchanged.
Beaps dull and rather easier.


We have a good supply of Beatise nee, 31. but a small demand, lots remaina innsold. The number of Sheep conalderably exceeds the demand ; cholea descriptions, however, are comparatively acarce, and find purchasers at about late mites. Long-wools and owes ard Iowor, and a clearance cannot bo
effected. Good Calres are scarce and dear. Our foreign effected. Good Calves are scarce and dear
supply consists of 125 Beasta and 38 Calves.


 Ball-brods and no. Bh -brod 2-5: | Lambe |
| :--- |
| Calves |

Beasta, 1230 ; Sheep \& I Amba, 5070 ; Calves, $97.34-50$
POTATOS,-SOUTYwark, Monday, Dec. 28. In excess of the demand, and trade continues again be on部ate. The following are this das's quotations:-York


Whitea, 40 A . to

## MARE LANE-MONDAF, Dec

The littie English Wheat fresh up to thia norniag'a market



 OATs Foreign...grinding and distilling $31-39$ Malttoe

- Bootchand Linooin

二 $\begin{aligned} & \text { Iris } \\ & \text { For }\end{aligned}$

RyE-MEAL, Forefgh.............ick 4 - 48 Harrow

## 


Mataz........
best mas.
per dicto $43=4$
RrDar $y_{\text {ann }} 1$
Owing to the Cluristoas holidaye and the spprosching new
Frar the Whent taride throughout the cuuntry was alow and

W ANTED, in a Noblemann's fanlly,

## WANT PLACES.-Iettera to bo p

H XPERIENCED GARDENRES (or in 0 Hentlemen. - Further particulur givan oncapot
To Gardeners and Ballifis (Hoad, Foremen, e




CARDENER (HBAD) - Married; ; Un

(ARLDENER (HEAD), -Age 28; thon
 CTARDENER (HEAD). - A50 80, Ring
 (T ARDENER (Brad)-Age 40, marridit Kitchem Garconing, the Manage ineat of Lend mily
 (4 ARDENER (HBAD), where one or
 G ARDENER (FIRsi-CLAss), is now on

 recommended by his lete Ehorouge marter ath Fita ( ALiLLNER (SINGLLE-HANUED or OBCOES -
 To Noblemen, Gentlemen, and Isndad ? TAND AGENT, or MANAGER of at L


BAILIFF, or to Manage a Lary - A hare F-AKM BALLIFE.-Married, no inculimagi

TARM BALLLFF, or LAND BLKMABD
 Soven yeal
Surrey.
TRAVELLEB in the Nureery and st L 10formation, With particulars, oa applacitan A YOUTH wishee for a situation in
Cuct or Ufldo DINERFORD'S FLUID MGI Headacle, Gout, zod Indigeasion; sod the bor fur dificants.

## H 

 Ci.1m2 Non Bund



## Garientrg＇ $\mathfrak{C}$ fromíle

组安gaper．ATCRDAF，JANCARY 9， 1869 ．
Tatce ofl Botany，by Dr．Lindley．
Lator Fublished．
BOOL BUTANY；On，Tice RUDIGFNTS OF Rotanical SSCBIPTIPE BOTANY．OR，THR ART OR
 tha
 is man Acrans；Promer


## 

 \％ch，frow mbeets of nre aran nf the ri

－a deblecta ．

## Dr．Tindley＇s Theory of Horticulture．

In 8 roo，with 28 Whondents，price 21 s cipth
WRTHEORY an．P PR VCTICE of HOKTICULTTVRE；



## For the Beat Practical Information

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THE GENERAG IAAND DRAINAGE and








## A SCOTCH FARMER Falng

A SCOTCH FARMER has an OPENING for a PUPIL





## C EOLOGY－KING＇S COLLEARGLONDUN．

## 



## 

Tife Cotrt at Oebonne－（In Thurs r，tho 3tst ult，the（queen drove out with Prince lleatrice， accompanied by Prince Arthur on horse ack．Earl Hon．John Bright left Osborno for London．On Friday the Queen walked and drove in the grounds with Princess Loulsa and Prinee Arthur．The Pripce
of Leiningen visited her Majesty．In the afternoon， being Nerry far＇s Day，a（＇hristmas－tree was prepared by her Majesty＇s conmand for the upper servants of the establishnent at Osborne，and another for the remainder of the servants．The upper servants
assembled at 6 o＇clock，and shortly afterwards the assembled at 6 oclock，and shortly afterwards the
Queen and Royal famity entered tho room，when her Majenty handed a present to oarll．Her Miojecty and the Royal famaly thinn proceeded to the servants hall，
where lier Majecty distributed gifts to those assembled there，numbering about 110 ；and in the evening they were entertained with a supper．On Saturdsy morn－ Princess Louisa，Prince Arthur，and Prince Leopold Prince Arthur left for Woolwich．Earl and Countess Granville left for Iondon．In the afternoon the Beatrice．On Sunday Princess Loulsa and Princess famuly attender Divine service at Whippinuham Church．The Reu G．Protbero officiated．On Monday morning the Queen walked in the gronnds with Prin－ nith Prince Leopold and Princess Beatrice．On Tuesday the Queen drove out with Prince Leopold bury and Mrs．Tait，and the Dean of Westminster arrived from London on a visit．On Wednesday morning the Queen walked and drove in the grounds with Princess Beatrice．The Archbishop of Canterbury Was presented to her Majesty by the Right Hon．H． and did homace on his appointment．The Dean of Westminster was in attendance as Clerk of the Closet． After doing homage the Archbishop resigned to her Majesty his appointment as Dean of the Chapels
Royal．The Right Hon．Henry Bruce had Royal．The Rugat Hon，Henry Bruce had an audi－ ence of the Queen．On Thursday
Teie Prince of Wales．－Aocounte from Stook－ holm stato that before leaving that capital the Prince of Wales was made a Knight of the Froemasons of Tix inferior orders．
The Cabinet－It is stated that all the members of the Crabinet will hare arrived in town by Mondar，the $25 t h$ inst，on which or the following day the Cabinet will meet．
Pabliambatary Movements－M．G．O．Trece－ Yan，one of the Lords of the Admiralty，has been Solicitor－General for Scotland，bad been re－eleated for
the Wigton Burghs：Mr．W．P．Adam，one of the Lhe Wigton Burghs：Mr．W．P．Adam，one of the mannan and Kibross shires；The Right Hon．Edward Sullivan，Attorney－General for Ireland，has been re－
elected for Mallow；Sir Colman O＇Loghlen，Bart， elceted for Mallow；Sir Colman O＇Loghlen，Bart，
Judge－Adrocate－General，has been re－elected for Connty Claro；Fiscount Castlerosse，Vice－Chamber－ lain，has been re－elected for County Kerrs：Captain
Gireville－Nugent has been re－elected for Countr West－ meatb，all without opposition．Colonel MÍure，of Caldwell，is announced as the Liberal eandidate for Triala on electina Petifions－list of 69 petitions under the l＇arliaruentary Filections Act was published on Monday，but alterations have since been In the cases of A hiton－under－Lyne，City of London， Rye．Woodstock，Worcester，and North Leicestershire， security，and they may，｜therefore，be considered
struck out from the list．At present only $1^{\bar{i}}$ petitions， appointed for leariog．At the Judges＇Chambers on Saturday，before Mr Justice Willes，the Salısbury petition was turned into a special case for the opinion pef the Jujges at Westrainster on a point of law as to
ratine sad ratng，sad t is expected that a number of other petitions will be turned ints spectal casez，by
which a meat erpence will be spared．Mr．Baron Mrtın will take Norsich，Warragton，Bradford Windeor Tamworth；and Mr．Justice lilackbura．Bewdey Stockport，Wallingford，Staleybridge．and Hartlepool Mr． untue Willes will sit at 1 indsor on Tuesday
net，and laron Martin at Normich on Thursday．The nert，and llaron Martin at Normich on Thursday．The
trials of the sotel clection petitions lave bsen fixed as follows－Dumfriesshire，Feb 1，Greenock，Feb 9 Pleas have consented to chan Irish Court of Common Pleas have consented to change the renue of the Sligo election petition to Carrick－on－Sbannon．The hearing of the publin petition has been postponed from the 2lst to the 231 inst．The sheriffs or mayors are to recoive the judxes as at assizes，and provide proper accommodati in for them，and alt exienses are to be
defrased by the Commssioners of the Treasury，out of money to be prowded by Parlament．The expenses tume．The fudaras are to determase the casce without Jurles，and to send a certificate of the re－ult of each to
the Spaker，who is to report the same to the IIouse of Commons．
ation－－It is announced that the mecting of
Tueday，February 2，will be merely Convoration on the presentation of the Pruloculor to the President， and that．on account of the week following the meeting
of Parliament being E．mber week，the two IIouses wall of Parliannent being Ember week，the two IIouses will
 antinn of the new Primate is fixed for the wh February，
The Bishulrel of London．－Tho Gazette of Tuesday contained the formal announcement that the Queen has ordered a rongé d＇élire to pass the Great elect Dr．Jackson，Bishop of Lincoln，as B1shop of the see of London，vamant by the promotion of Dr．Tait to the Archbishopric of Cantcrbur
The bishor of Wischeater lias had a slight relapse，in consequence of the exertion attending his recent ordination．His lord－lup has apponted the late Bishop of Mauritius to the rectory of Sit Niehulas，
Gildfurd，the lons hitherto held by his sueressor， thus securing to he lordhap，who に practically Biskod Coasjutor，some status and emolument．in London on Mondas，and is expected to remasim in towa for some ＂eeks，as his state of health has ren jered it necessary that be should seek further medical advice
Consecration of the Bishop of bombay．－On Sunday morning the consecration of Dr．Douglas，late Dean of Capetown，as Jishop of Bombay，took place Canterbury officiated，assisted by the Bishop of Oxford and the lishop of Rochester
Tife Abchoeaconey of Westminsteb．－Dean Stancy has concerred the archueaconry of West－ minster，vacaat by the preferment of Dr．ordsworth Jennings，who bas been for 36 years rector of St．John＇s， IV estminster．
The Citinese Mission to Europe．－It is announced that the Earl of Clarendon and the Hon． future polcey of her Majesty＇s Government in relation to China．1．That it is necessary to observe existing treaty stipulations；2．That all negotiations should be conducted with the Central Gorernment at Pekin，and not with provincial authorties：and 3．That，when any ditferences arise before war shatl ensue，they shall be referred to tho IIome Government for considera－ tion．Lord Clarendon bas instructed her Majesty＇s agents in China to act in this spirit and with these objects，and to caution all Brtish subjects to pay due respect not only to the laws of China，but to the usage and feelings of the Chinese people．
Govbranorseip of Cielsea IIospital．－It is stated thint Geocral the IIon．Sir Charles Gore，colonet
of the 6 th Foot，has been apponted Lieuteuant－ Governor of Chelsea Hospital，in the room of the late Field－Marshal Sir Hon Dalrymple Ross．
The Nars．－Prince Louss of Battenberg，son of Prince Alexander of Hesse，who has been studying with Mr．Burney，at Gosport，havine passed a specia pointed naval cadet to her Majesty s chipe hiadne now on service as a yarht to the Prince and Princess of Wales．
Tele Admibalty．It is stated that one of the first results of the reform at the Admiralty will be the dis－ charpe of 30 elerks
Circrici RatEa－At a meoting of the arohdeacons
of England and Wiles，held at tho Charter House London on the pth ult．，to consider and advise apon the position of the Church under the Act for the Abolition of Compulsory Church Rates，a paper containing the following observations and recommen－ dations was acreed to，and directed to bo sent to all
＂They ubeerco firbt，that，although the power of legal


 visions of wection 7 , enabling all bodies corporate, trusteces,
guardnng, and others, to pay church-rates, and the provisions
of zection 8 , enabting the owner, on condition of the payment


 dramn of London (rharmian), and thy the Arechdeacons of Catiterbury, Mornberland, Durham, Lindisfarne, Surrey, II in
 Phester, Bangor, and Anglesey, Werioneth, Mameon, Lerea, Fly, sulbury, Bedirod, Hunta, Cornwall, Derandaft, Norfis, Norsuh, bufolk, ofort, Burkme Essex, Colchester, Sarum, Wilts, Sit. Asaph, Mond Essex, Colchester, Sarum, Wilts, St. Asaph, Montgomery, Brecon, Cardizan,

## ELECTION ADDRESSES

Mb. G. O. Trevflian, the nes Lord of the Admiralty, nt his reepection for the Border Burghs on Monday, spoke as follows on the reduction of naval and military expenditure -




 of the term
mont


 cbango for the lecter had boeu made in the manasement

Mh (iforiaf Yorwar, Solicitor-fímeral for Smotlan at 1 a $r$-election for the 11 iston Burghs, on Mondia spoke as follows on the buswess of the comini session :-
"Acforo tho zencril clection thero was a qreat rarcetr of



 hitcert. aprestel 11 wo that wo should, in fact, have an extrenely Atsur: 1 ind Radical Parlaament, consisting, to
 in tus course ftice rum. rit lection I took weceusm to expros
 men, and altengetber nf the amme order of men: And that
while a large moyncrity of I iberals would bo returned, vet that they wo nil be Liberals of that crucr who show their noferat
tien to all men


the framehko, haso hal therr fears spertasi, and laid is the



Sir Colyis Olncires, at his re-clert.on for the Insh Churoh and land questions.The frst ant of Wr Glahatorie's n, hing will bo to gettlo tha


## foregim

Franct,- - The Emperor received the Diplomatic Body and the Minislers of State at the Tasleries on New Year's Day. His Majesty made the following reply to the congratulations of the Diplomatic Body:"I am happy to gay that a spint of ennellution amimatos
all the Europua Powers, and that the munent a dificulty arises they agree anong themselves to smooth away and avert
cimplications. $I$ hone the year nuw comamencimy will erntri


To the congratulations of the Deputies his Majesty replied.-
"Frery year the oo-operation of the Legislutive Borly becumes more indignenasble to the preservation in France of the hiws au 1 a just halnnee of preer. It is alwase, thercf re, To the members of the Court of Cassation the Emperar adi.frese I the following:
"Thin sense if puation muct penetrate now more then eser
His Majesty spoke as follows to the clergy :-
"The congratulations of the clergy move me deeply; their Forld we can sce how indianemsable it is to nsesert tho great principlos of Christianity, which teach us virtue, that we liay
All the Paris papers agree in interpreting these
speeches in arenceful sense. Tte Consftuthonmel say s:predeace has been thantained it spito nf all the inangpicions
 concluct, as firna as it h2s bren priulent, of tha Frencls (govern with the North German ('onfederition. To pregerve peace withnat sacritiang the nignity amm the lexitimate influenee of

The Oficial Journal of the French Empire, whicin appeared for the first time on Ners Lear's Day in lieu of tlo Moniterr, sara -
"Atter the dinlomatic rupture between Turkey an 1 Gireeco


 intended deliberation alould, bo connined to the sole and well
leanmed purpore of examining to what extent Night to be made witt the demgands of the turkifinh complifiance

 Powers as rex unt the sssem lins of at inference at Pants.
The first sitting of the Conference will take place in Paris to-day, the request of Turkey that the meeting ghould be postponed for esght days, to enable the Ottoman Oabinet to forward iustructions to the Turkigh Miniater at Paris, having been with rawn, at the suggestion of the French ambassador is instrontions by telegraph The to transmi Lavalette, Minister of Foreign Affairs, will preside rer it, and the representatives of the Powers who Mettorvich: (irpat Britain, Lorl Lyons: Italy, Com mander Nigra: Pruscia Count Solms Ruenty, ComStackelhorg: Turkey, Djomil Pasha; (ireece, M. Rızo bankrupt catate of Messrs. Armina
have been purchnsed by Greece, and that is Priace Napoleon is sufferiag very siris, 18 mpin Monday to see hini. The Ment down
Minister of Foreizn Afsirs, Hes in de
state at the Forplin ()flice. state at the Forpling clitice. The elee:
frar the Denartment of ta Mavelie Monday, when I Auvrar,


 M. Baroble, res repeathes for h.a
 Imperial at Vervins, who has also rest A very severe entnce was fromoun ed the Emneror's permo "containal in
thent publiention of the 19 th ult. M. L. was condempedt of four montlis imprisontoen: of 3000 f . MI. Peeifler, the mannger, to twa mat prisonment and a fine of 3000 f, and al lut Marshal Vaillant, Minister of the Empuros, 1 and of the Fine irts, has given a Ate on model of the railway bridge from (aia The Civil Tribunal of Marseilles Las jus ment on the interpretation to he piven to that cuty, nul on wheld deponded fortine. The dereased. wha wa- umar museums in Englanl and Franco, daporit remainder of his property in the followinz tere Henry Gower or bis chidren and wr and uieces who shail exist at the date of mt emstruction of this phrase moreatel tory uneas the designation of the benther by nome word or, which implied that, in case of trex nepehir an would be merged in the nephews and mecns mentioned in a
that Mr. George 11 enry Gower, bein? miversal legatee; a verdet in acerordan e view was in eonsequence given.
obey the - The insirgents at Malaga bavina the General, supported by the nhits of warstat that city, attacked them on New lear quarter of Santa Trinidad, where they hat attacked thetr -trungeral pasia, tha hentary. insurgents were completely beaten, in Ithe the line took possession of all hie di. of the regular army. In (ieneral l'a men wero killed. bit, on the whale, the forco were 190 killed and woinded, and Of these Generat Caballero has releascu detained the 230 others, who wh11 be tried remaned farthful to the (invernment, ib. havins taken part with the mruruenta, armed. Tho last atroces arnounce that the insurrection is completery supprom Carlist conapiracy liss simee been diseoteress lona, with ramifications in Sarazossa Tortosa, and Lefida. Several mer have been the authorities. Republican movements taken place at Caluz and Seville. - Communst conspracy has also lieen but tho stato of siege has oon been ra mi Sagosta, Minister of the interior, Reactionary party, and says that the reanlved to preserve utact the untsl the assemblung of the cortpa, whive $x$ it respectfully awsats, and does not de Wrahed in from the sea wero mit
Finisterro and Cape Ort anal, on
Portcout.-The King opaced day. Ifis Majenty in his speech bratly that the ( iovernment had taken energh gond orter in the aummantration, an the iniliculty maght be overonme. President of the Chamber of Deput the successful canddate berng senhor hedaw On Thursday the President of the the Chamber that the King hut acrel gome daya mast in tho Landon pul surrendering frbraltar to Spain the on the opposite side of the strals.位ter from diminal Genrce line, the erpended by Fineland on the fortituation
erience has proved that it will never
der its harbour safe or commodious of a fleot in time of war. To these of a feet in mime of war. Lo these though possessing a better harbour,
as we have expended on Gibraltar is strenth to Gibralttra, and that
oo commanded, in the present tith

has gustained during the rung
which it has beena in our pawest



 small mountain guas, with their carriapes, hidden be-
neath straw and paroels of coods of less importance covered over with tarpaulngs. The whole weighed abolt 150 tons. The convoy was at onoo detained, and an Mquiry has been opened at Cracow and Vienna
HUNGEY.-Herr Deak has tation of the Central Eleotoral Committes, to come forward again as a candidato for the Chamber of Deputios. The agitation for the electrons has commencex throug
composed of delegates from Hunzary and Transynama, - dtthy at Peath. The object of it is to draw up a fferrs, and for the administration of the fombun afferrs, and for the administration of the funds oonstiappeal has been issued to the inhabitants of Servian the Greeks in their condict with the Turks.
Crostri- The Conference convoked by the Ban of Croatia las decided in favour of establishing a respon

Rossia-Advices from Tauris state that a violen arthquake was felt there on the morning of the ad inst which took its direction from nerth to south. N

## IraLY.- In portent

vintres of Vernms, Cunea, Modema, liaceuza, Arcabo, Bolorma, Cremona, 1'arma, and Pavia, there have been popular assomblages and people were dispersed, and order restored without Rizzio, and at Polago, in the province of Florence Where some of the rioters were killed and me of urred in the vicmity of parmarb, where the rioters have burnt the profectural archuves of sing Imonnins. The provinee of Rexsio $1 s$ ahbu agitated, and dnsturbatres are thretlented at ish Thlla A Roya Cadorna, the commander of the tronps of Contral It 13, "ith the mission of restoring order and tran-
gundity in tie prutheces of Bolegtia, Patma, an
 and of Modena, to phuce all therr available forceo and head-quarters at Parma, and has roumd a proxqamatron warning he e.oters of the consequene thit will atterid tates that the disturbances were promoted by politice parties adverse to the national institutions. The ringleader of the rioters at Campegine was an ex-dueal gendarme. Seditious placards have been posted in age been raised pe "Vival" Autria "" "Viva il Papa
Papae States.- Archbishop Manning arrived at Rorae on Tuesday from London.
Greecr.-Hobart Pasha's demand against the Eno: 14 has been brought to trial belore a mixed naval commission. The Levant forald of Saturday amounces the lasding at Syra from a Turkish Vessel, on the 31st
ult, of 650 of Petropulaki's Greek Volunteers from ufs., of 6 of of Petropurakis Greel Volunteers from
Crete, and their enthusiastio reception by the population and troops
lascostry imbue Porta, on the representation of her Hajestr'z Amhzusadior at Constantioople, has deoided that all Greek reasels which might be loadiog is Europe before the rupture of the relations betmeen
Turkey and Greace should be exceptionally allowed to Turkey and Greece should be exceptionally allowed to enter the Ottoman ports to disoharge their cargo. The Purte has also moditiod the order for the expulsion of he Greeks; alt frecks by birth or ni Greek parentage, roviled the intur bern ul Turkey, are to be allowed to remasu in the comatry, suhyeet to Turksh laws, but the expulsion of ald perxons who were
formerly Ottomanss Dut bave become (xreek'sy virtue of adoption, is insinted on uniess they resume therr
allepiance. The Twrquie publishes an aricle under allegiance, The Turquie publishes an article under
the bead "The Meeting of the Conference," in which

## "Rusgia haviog taken initiatory stops towards clicitiug a diplomatio deolsion, has dono so nuder the vell of oxacygrated Liberaligm; novertheless, her deaskra aroe ufficientl| appa- rent Ever since the year 1856 it has alwaya been Russin who rent Ever since the Year 1ss6 it has always been Russin who Boughs to revive the Easterv question and now Russia, aware that the insurrection in Crete has terminated owing to  of such Conforence will be the abondonment of the mecaulures alopted by the Porte for tho expulsion of the Hellenees. The Turkish Governuent, howevar, will not gubmit to the dis- cussion of her legitimate acts of self-dofence. should Euch step be taken, its Plonipotontiory would at once retire and the Conference Fould collapse. The artiole emeludes by

 Mr. Morris, the diplomatic sanent of the United Statees has received orders froma Vashington not to take Hellenic sabjects under his protection. The mosque of Foundoukly, at Constantinople, has, by order of the places of wordhip are lilesly to be shortly lighted in the same mannerTUREEY IN ASTA.-A bout midnight on the 17 th uit. S place called Carahournou, abont $4 t$ miles rom ine to a Turkish (callioup, which had a very valuable cargo sod a large yluntity of specie on board, foundered slmost immedintely, only 30 passengers out of 250 being saved The Charkeich was so muilh damatyel that
Capr of GOOD Hope--Acoounts from the Cape to Rev Mr. Vandewall and Commandant de vision of the deputation from the F'ree State to Bngland, is that al depatation rom the rree state to england, is that all Wodehouse and President Brand will be oonsidered 2

Basuto boundary will be commenced afresh. The tranans, on the northern border, are still giving muoh party of farmers, and carried away stoola and other India. -The Earl of Mayo arrived at Madras on Saturday evoning, and met with an entilusiastic recepish, An intuential commottee has been formed at wir ittar for the Indian oareor of Sir statue commeII. M.liaraj sh. of Edur died on Deoomber 26 . The Whutere anthry' ies have expressed their readiness to
w'mutate trule with Yarkund, vid Ladakh. Colonel furntite trule with Iarkund, wid Ladakh. Colonel ment news from Peshawur of Devomber 3 states that no battle has been fought in Afghanistan.
Crind. - It is stated that three more Chinese ports
will be opened to forelga trade at the end of 1889 . Consul Swinhoo has hoen appointed to visit and report upon them, A notification of Sir Rutherford Alvock promulgates revised pilotace regulations. They are to be applicable to British subjects only, but it is supposed that other foreign representativer w.I] 1site simalar at Hankow by the Bishop of Victoria on November 27 Colonel Meadows is dead. Mr. Cooper has been unable to penetrate into Thibet, and has returned to Hankow. ort Dun has seyed the Grand Caual (G0 mile shallow. A torpedo has been sucoessfully oonstrueted at Mikin, wy whish the Arsemal junk was blown up the foreign digrers in Chefoo have armed themselves and intend resisting Chinese interference.
Japan.- It is credibly reported that the rebellion unconditionally and that the Northerm party have Preparations were in proseress for the Mikado's visit to Jeddo. The British garrison broops ak Yokohama had attended a general parade, and fired a Royal salute to commenorate the Mikadn's coming of age. They A coed past betoretwo of he Mikadis? rempemintative Joddo to foreign commero. Decisive ollicial infurmation will be published shortly
UNITED STATES - Armed bands of nagroes have plundered the plantations near Savannah. They resoued pioketed the roads and defied the authorities. Federal troops, under General Sibley, Were sent to quell the disturbance, and the latest news states that the insurgents havo abundmed their resistance, and that the cheriff, aided by the military, has arrested the ring memorill asking that the word "white" be struck out Ccbi-T legrams from Havannala zunomee that Generai Dulce has arrived there, and assumed the roverament of the island. General Lersundi has left for Spain.
Paraguay.-Acoounts dated the 28th of Noveraber state that an attack had been raade on Villeta, whioh ended in the repalse of the Alhes. Three Brazilia
Bumvos
has been issued by the Argentine Goveramenk, offering a prize of 1600 . to the meat on a great scale
Hayti.-Acoounts from Pork-au-Prince to Dec. 1 tate that Nonuil, the President of the South, is dend into Suludre's ower Serere timhting occurred before he surrender. It is reported that Jacmel and Jeremie, the South, and St. Murk, is the North, are in favour

## Gin Intaligemce

Ofrbind, Gurney \& Co.-At the close of Mr Lewls?s gddress in the onee of Orerend, Gurney \& Ca four hours, was adjourned to Saturday, the defendente boing bound over to being bound over to appear, thenssetvesia 2000. each, man Hodgron, o Govemor of the Bank of England, became security; for Mr. Barelay and Mr. H. E. Gurbey, Sir Thomas F. Buxton; for Mr. N. A. Gumey Mr. Fowell Buxton; for Mr. Ronnie, Mr. Rober Gillespie; and for Mr. Birkbeck, Sir Joha Lubbock.
Baron Rothschild had tendered hinself as sarety for tho Messrs. Gurney and Mr. Birkbeck, but was unable To attend personally. At the sitling on Saturday Dr. Thom, Mr. Peek, of Liverpool, and Mr. Clavk, of
Haverstock Hill, shareholders, gave evidence as to their wiving been in:luced to take shares by the statement put forth by authority of the directors; Mr. Howell, accountant, then gave ra meount of his investigation of the affiairs of the old firm and the limsted comaholders - Whe ofject of the evidence so faras it went was to show that the old firm was insolvent io a large ha insolven condition of the old firm Mr. Slater, who was tempo rary secretary from July, 1815, to Februsry, I8ef, was the remanader of the sttung was taken up with a con-
 debts lant hy the old firm, were carriell to the credit o the now firm, and tha $120,0,0$, were also carried to the eredit of the new firm as interest due upon that myth. The proceedings were then adjourned to gesterday, when Ar. Howelis expmination was con tinuad. He stated that imbulities to the rmownt of sid were kept lltogether out of ito mooeuntry and that
the old firm, for five or six iyears previons to the Howell's examination-in-chief, and the iuquiry wa then adjourned to Fruday vext.

## Money Mafet, ipridiy - britist Finds for Acrount; New and Reduced Three per Cents, 2, to 93 ; In lual Five per Cents, 112 to 112!: Bank Stock  51t to 5 13: Tobicen Loan, of to 11 ping. Turkith Five  to 80 , Nicolas, 66 to (his); Moscow, $28 t$ to 791 

 $2 \%$; Illinois, 4 2 .
## stictropolis auty fts Ficinity.

Adurfar to the New Lord Chancellohfubl. Peter and of the united parishes of St. Margare and St. John, Westminster, was held on Saturday at the Westminster Palaco Hotel, for the purpose of presenting to Lord Hatherley (late Sir W. Page Wood) an address of cmingratulation on his elevation to the meeting, which wa, of the most infuential character uas densely cronded, and the mont hely interes
was manifected throunhout in the proceedmaz. Ir Was manifeted throuphout in the procepdinkz. Dr openius the proveedmest in a brief speech, read the address, whech expressed the grateful and alfectonate
sympathy of the parishioners, and sympathy of the parishoners, and said that during an
unbroken readence of 35 years the new Lord Chanoelior had been the foremost among the residente of Westminster; a never-failing stay to its inhabitanta whelli.r as a julluin and munificent patron
of and mont work, a zealous defonder aganst misrepresentations, atse counsellor and helper in al.
difficulues. It said that the abbey claimed limamong the earlest and mont punctual of its daily worshippers St. Margaret's owned him as amongit its most faithful
pariwhoners; St John's had recetved ho constant and cordial co-onorat ion The Free Library of Weatminater first of its kind in the metropolis, looked back to him ss its founder. The Sunday schools of the district his presence and instruction. The Westminster Was fostered, in sreat measure, by his Renerous interest But, more than all, the parishioners desired to acknowinflacuee and character, aramorer out from cursona

 the duty of uprght dealing and of unsearied
tinuance in well-doing. The ristng to repll, was received with preat cheers, and appeared sreaty moved by the enthusiastic reception
given him. given him. He said
"Ho decply felt the feeling manifonted towards him by his









## 

## his duty in thut state of "位e to which it had pleaged God

Mr. Justice Williams then moved a vote of thanks to The Rov. Canon Jennings seconded the resolution
by Dean Starioy in by acclamation, and acknowledge

## apor

London to Thi Ay Working Men of Sottit
gathering of working men assembled at the South
address to Mr. Reverdy Johnson, the American the part of the working men to show they had no sympathy with the proceedings of those connected
Nith the Reform League, who a short time since withdresw the invitation they him gisen to Mr Johnson to and the proceeding were marked throughout by the reatesi enthusiasim. The chair was taken by the Locke, M.P., ard Mr M'Arthur, MP. The Chirman and the Rev. Mr. Murphy having addressed the meet of South London desired to convey to his Excellency,
and through him to their brethren of the great republic he represented, their sincere respect and hearty Rood will, that they recognised in him the repre-
sentative of a free and a kind red nation, that they bad watr-hed his coures since his arrival in this country with the liveliest interest and the intensent satisfaction and beleving as they dud that any rupture of the rela-
tons between Great ibritain and America would be the irest calamity and tho most heinous crime, the esteemed more highly than they could express his zenlous endeavours to remove all misunderstanding ars. In conclusion, he said that during the late civil war in America they needed no aboured arguments to convince them on which side their sympathy was due. Their brother workmen in the cotton datricts were prepared to starye rather than support a slave empire, and they were ready to stanc and than and now, with him and them, they regolee mion and of liberty it leverdy Johuson who wa recres with enthusiastic cheers, replied as follows:-
 which you hase received mo to night gatisfies moc that in that
belic I was nut mistaken. If thore be Any persont prosent

 Wef the :mpreasi,n, therefore, that 1 stand to youn in the slantll address freen la When 1 was first told that it was the
desulre of mone of the working men f y our city to entertain
 mome pernons tho rught I mikht lee unwilmag to necept atch an

 workine mann, mow a very hard-working man too ; mod all that
in my character is of any valuo is owing to the fact that I have




## happy who has notbing to do. But the suggestion i, wlat.



 puhlic opininn, but tucy are not therly meanans of forming
 rf rring to incilients in nyy own courtry, but you will pardon
 Greit men of the time, atanding infintiely In andyance of
those to whom that polley owed ita exiftence, and the pomplo of England, began to agitate, and from year to year

 so as to put cheap briag within the reach of the duty on com, tritmplact was resisted from year to year, but at last it farner Sext cunc thr rxtension of the suffrage The man


 the Holy Land. Mackonochie, 1 tr aoknowledging the recapt al bishop Tait's letter on the recent judgreat, wams




 0 fear of senessi
$i$ to be entertaned.
 der the matter, and report to an Wilworth, of which the Rer. John in un, bent, the Communion sersice
ted in a manuer wheh, perhass, more if High Mass in Roman Catholic churches ted Cnureh. Two practices
diacu by trivy Council-thoso of using lyhts rostration or kenuftexion-were adopted at bad all the appearance of those in Roman by the lhes $G$. Abbott. Immediately after the lee ( $\mathrm{i}, \mathrm{Abbott}$, who wore a surplice
the embroidered with gold crosses, said shoull remember that if a Church was to bey had not ret resisted unto blood, but be forgoten that the blood of the martyrs seel of the thirchich had been the weapon of the Let thenimive a passive resistance, for true it was, ue it alsays wothd be, that they who took up, ret sireet, tho liev. Iton Ruchards, in his sal! he doubted not that days of prosecution rencurn were in tore, and that some would
er enfention with their blood. Ho considered nas an attack on one of the great Christar -ote which he had always tausht and incul-
that charch, and one which he would alvays ch, and one which he would always
ne of the real presence. The day, hy come, and come soon, when the the church would bo triumphant. He be fathfal in kneeling in the Creed at the themselves as in the words of the psalmhamselves as in the words of the psalmthe ollice of the holy eucharist, and Lord lieq on the altar. At the celeblessed Lord lies on the altar. At the cele-
after ithe wrmon, the candles on the altar were
and remained so during the service. Prostragenuflexions as desired were also performed church of St Mary's, Aluerstone, on
Edward It usband preached a sermon erent judkment, in which be decounced the purely secular and world)y court of law," etate to (atholics what the Ritual of -mstituted Church should bo to which r.ee belonge:" Ho sald that as an individual carnestly and fersently hoped that the
catholies throughout the land, as a body, o to trnore the judkment altonether at all "oncluded by adding that, "if by this act drisen from the Church of England as an thent, God would then build up for them a ference, and endowed with the liberty witich rel.yon afforded, to worship Him in the Sprcial Prayer.-The past week ed, according to the practice which has Evangelical Allance, as a veason of er. In London, becides meetings at varions Iresses at the London Tavern and FreeLord Radstock presided at the latter ay mornınr, and in his opening address during the past wich had principally the means which had been provided in , and especially in Spain, for extending Freders were offerod up for an actress persons who had made spectal requesta, the Rev. T. Nolan, of Regent Square theral Walker (ine remaining days of the Bart, M. P' , Mr. Lnckhart Gor-
urice from llinens of Mr. Charles Reed), , aud Mr Sl . H . pattison. Mr. IR. C. L. $k+r_{\text {, }}$ prended at the London Tavern on
die Rev. Dr Edmond, of Highbury, hes E, Miankment.-The planting of trees nee at a meeting of the Metropolitan the ground. The trees are placed at brut 30 fect from each other, and alreads
he hine of ground between Westminster has been thas planted. Tho ngerford and W aterloo Bridkes pria approachng completion, and

For Homen.-The tiniheif of Lir Teschitive FOR WOMEN.-The Uai-
i4.cmenen in May mext, and to continule the exami-

Women," "R has publating to the the exsminations for procelure, so far as it has yet been settled, and it appears from them that there are to be two sets of pretty nearls equivalent to the matro ulation examt nation for young men; the otlicr "examinations for TIIE SPECLAL SERvCES IT ST. PATL', - OD S. I'aul's cathedral were resumed. The preacher wa Dr Atlay, Bishop of IIereford. The congregation was overflowingly
Mr. Milon Wobktng-class Repbesentation -Mr. G. Howell, who unsuccensfully contested AylesJohn Stuart Minl, thanking him for a contribution of $10 \%$ towards his election expenses, and expressing the might have had the honour of placing the seat at his disposal. To this letter Mr. Mill has sent the following reply:-
"Dear Str,-I mat "Amignon, Dec. 30, 1909 sentence of your letter if fou hal heen fetirrie for $A$ yles bury, sud had matu the pulhe eprited sffer of retimnk hit uny
 class candidates and of most of those of any nther clans in
whom the working classes take especiul interost, would have
 (t men of idtanced oplinions. It hipe the warkmhe eluses will


 hung over the metropolis, enveloping it almost in darkness. In the busiest hours-from nine till twelveall offices and shons wero lit up, and much inconvenience was caused. The traflic of stemmers on tho Thames was interrupted for several hours. In the City and in . orth London the fog cleared away about noon thoso which adjoin the river, it lasted till nearly two
The Reltefof Vagrants--Animportant circular has been issuad by the poor law hoard to various
 racrants, and sugkesting several relorms. In order to Whose real destitution gives them a claim to relief, the Board suggests that the name and occupation of each applicant with the place whence he comes, and the place whither ho is going, be recorde in a book of refercnce; that the apphicant should forthwith (exeept कhen inf be put in a bath; that as far as practicable he should be lodged in separate cell, and that the performance of a kuficient task shmald be required orfore he sets out in the mornm., For reasons which the recent publieation of tramps opinions as to the relative confort of certarn worrhoures mako manifest, the looard point out the advantage of providing a wards throughout the country. With a view to the attainment of such uniformity, the Board append to the rircular a scale of food and work which they submit for the consideration of the several Boards of Guardans, and ask for an expression of opinion as breakinstrable tramps above 15 sears of age cither $60 z$ or 807 . of bread (at the discretion of the Guardians) and one pint of gruel: women to have an equal
quantity of cruel, but only $50 z$ of bread. In return for thas food and lodgung male tramps will be required to break from $1 \underline{\mathrm{cw}}$ to 3 cmt of stone, or to pick 1 lb . of oakum, and women to preck $\frac{1}{6}$, of oakum or to persuitable and the Board may sanction. The lioard intimates that when the answers from the various Unıons have been received and considered, an order embodying these suggestions, or such modifications of Loce of TME CAbTMET-The Court gave judgment on Monday in the case of the ship Calumet, which was abandoned at ses ou tho 1 nvember, on her royago Caplain M'Gavin had prematurely nbandoned the ship. and that sufficient exertions hall not been used by him to keep the men at tho pumps. They therefore sus bealswain, Thomas lireen, who in hlis eridence deposed to the ship having been sruttleri by the captain, the Liverpool magistrates on Wednesday committed him for trial on the charge of perfury.
REST MPTION OF MILITARY
-On Thursday an order signed by The Polite mondiere, actung chief commissioner of the metropolitan police, came into operation, directing some of the Barracks to undergo a course of instruction in military drall.
Sending Digeasfd Meat to Tite London Kingsley, a farmer of Lon ford, Bedfordshina brought hefore Alderman Fianis for sendiug four quarters of bect to tho lond market for saio a buman food, he same being disease, unsound, and unwho:csome. Mr. James Newman, and other omers meat was totally unfit for human food. It had
evidently been killed while it whatering from disease and near the point of death. Alderman Prinnis
fined the defendant $20 l$, and $5 l$, $5 s$. coate, or in default of pas ment one month's imprisonment. The fine and ent-were paid. Mr. Robert Phalip Dodd, a farmer, of
Great Ryburgh, in Vorfolk, occupying Great Ryburgh, in Norfolk, ofcupying 200 ancers of
land, was then charged with sending four quarters of unwhinlesome beef to the Imndon market Evidence having been given to thls effect, Ilderman Finnis said thas was one of those caves io which a fine ought not to be inflicted, for here was a man of position in the 0 whom a fine would be no punishment at all. He therefore felt it to be his duty to send him to the House of Correction for one month.
Tate Different Fogma of Feter in England. - A committee appointed by the Rogal College of diseases sumtable to England and to all countries where the Euglish language is in common use. This nomenclature recognises the following forms of common fever- 1 , typhus fever; 2, enterio ferer; 3 , relapsing ever; and \&, simple continued fever. Neither cerebronot prevail here. nor febticu referred to, as they do The majority of the fatal ferer casea in Eagland may probably he demgnated enther as typhus or as enterio pever. The two forms are thus defined by the committee -hsphus reser. A continuen fever, characmottled rash, without sprectic lesion of the bowels Enteric Fever. Synonym, tsphoid fever (or typhas) rove-coloured spots, chariefly on the abdomen, and tendency to diarrhim, with specelific lesion of the owels. Enterte fever orcurring th the child is often General has issued a notice requesting nedical General has issued a notice requesting medical practitioners to use these names, in order that the hegistrar-fieneral may distinguish the sev
of fever in the returnc of the ensuing year.
EMblezathyent hy The Aucocintant of the BOABD OF WORES.-At Bow Street on Saturday Mir Edward Hughes was brought up on the oharge of Metronolitan Board of Works, at which he was chief accountaut. The prisoner, who was clected a few jears ago out of numerous candudates at a salary of 8001 . a year, had every confidence placed in him, and was intrusted with various amounts from time to timo for payment of weekls wages, petty cash, and other miscel-
lancous matters on behalf of the 130 ard . These sums lancous matters on behalf of the l3onrd. These sums
had not been accounted for, and the evidence went to had not been accounted or, and the evidence went to
show that the prisoner had appropriated them to his
 decmed the eridence sulticient to juttify hum in remanding the prisoner for a neek, taking bail in two
sureties for sool. each. It appeared that the whole sureties for sool. each. It appeared that the whole
loss will not fall upon the Board, as they lold a surety for 1000 . from the Guarantes socieiy, which, when "oxpressed their astonishment at the position in which "oxpressed their astonishme
Tie Fatal Explosion of a Fibehore Factory -The inquest on Mr. W. Londbeck, a commercia traveller, who lost his life in the recent explosion a the frework factory of Mesars. Baker, in the Cambridgeheath Road, was concluded on Wednesday, when the ury returned a verdict of Accdental Death, with the quantity of cosustion materisls kept in the house and that all places where fireworks are manufactured ought to be regularly visited by Government inspectors. Time eiflosion at albany Steeet Polick . The goung man who was arrested on the the moment of tho recent clplosion, wh le-bone polic remand before the magistrate at liary he reason to suspect tho matter into the area, he was discharged. The police do not appear to bave any clue by which this singular
The Prblic Health,- The Registrar-General's weekly return states that in the neek that ended on Saturday, Jan. 2, 50, 6 births and 3 tin deathe were the kingdom. The annual rate o- mortality in Iondon, 30 in Edinburgh, 25 in Brastol, 2.5 in Dublin, $2 t$ in Birmingham, 90 in Liverpool, 31 in Manchester Leeds. 21 in Hull, 32 in Nowcastle-upon-Tyロe The rate in Vienna wha 2 per 1000 during the week ending the sith ult., and ult th 31 per 1 mon during the week ending the 3 is in all 550.3 childred, were reglstered in the week the average number, corrected for increaseof population the average number, corrected for increaseof population
was 2037. Tho deaths registered in London durimg
the week were 16.9. It Fes the 5sd weol of the year, and the average numbor of denths for that weak, present return is therefore 31 below the average.

## Probinctal.

Caybridar-The following regulations rospecting examinations for wome
suthorities on Monday

Thero will to an examination, eoramcucing on Mondas, ango of 18 gears before the lat January, 146s smet candidate yamine in in oreh list January. $n$ binch
pletermin
placea
guaranted. Beforo any applicatlon for "an examination be pints -i. That there hus a counuitted of tudes hullowing Millertake to act, ts loeal secret.irs. 2 Thit this Cumimitted

 Doncaster.-At the annual meeting of the Corporation on Fritay, a report from the race committe to the Geptember race meeting from 1500 l . to 2000 l the cubirse of years, the receipts from the races increasing, however, in a far greater ratio, until thes mendation had been read, a letter was read from Dr Vaughan, the vicar of Doncauter, who is also chaplain lay a heavier burden upon the borouzh fund for the
 that, but for the races, the Corporation would have been unable to make the grants they had made towards charitable and religious objects, including a contriand Alderman Sir Isaac Morley moved that the vicar's letter be simply entered on the miautes. Councillor Clark moved is an amendment that no
notice should be taken of the letter. This amendment notice should be taken of the letter. Thas amendment Was carried by amall majority, and the grant to the
race fund was then unanimously incrensed to siont?
a fryershim - Two more men have ded from the injuries slistanned hy the recent explosion at Messres
Hall's powder mill, making six fleaths altonether One of the two now dead, a uills right nanied Gutteridge, was the man for whose evidence the inquest on the 2 dith ult. Was adjourned, as it was he who whs
driving an iroa rod home when the explosion ocenrred LREDS.-At the recent ansizes three maratters wed entencert to rereive os lashea cach, in afdition to their ou Tuestay in Armbey Grool, in the presence of the governor, the surgeon and his assistant, the town sentatives of the l'ress, and about a dozen of the more refractory prisoners, who by way of warning were
made spectators of the scene. Two of the delinguents proaned and bowled dreadfully during the inflintion. desceut of the first stroke to the last. a sound from the Liciribed.-Bishop Selwyn has this oity from Now Zoaland, and will at once arrived in ass accomial wort in his new dincese. His lordship Bishop of Wellington, in New Weme by Pr. Abraham
LIVERPOOL - At the Borough Po
Saturday a tobacco-pipe maker, named Courts, on charged with the willuf murder of his wife. From the erimence it a peared that the prisoucr and deceased iware that his wife had an jmproper intimanoy with soother man, by whom she was pregnant. On New quarrel, morniog he went to her lodginge and, during a abdomen in a frightulul manner. She died from the injuries the same nighto. The caso was adjourned until affer the inguest, whirh tork calare was an Thourned what the jury returted a verdet of Wifful Murder agrainst Mustiomeny - The mazistratrs at Machynilleth, in case of burglary and atempted arson. The accused Was a hady-like pervon, nawed Mary Jane Grey, who until resently was governess in the fanily of a gentleman resident in that nelghbourhood. His howve had attempt made to fire the place. The evidence aqainst the prisoner was purely circumatantial. Sho was Nomwict -
Nopwich.- On Saturday a centlemanls-lookand that he was 5 years of age, was brought before the mapistrate at Lambeth Police Court, charged on his
 diferenk plicoes in the weighbourbood, and preserved expectation that the roystery would bo uncarelled
but no suspicion had ever attol He had since married arain, but had suffered attenpted to remoran and had more than ance longer ahle to bear the reproncl and being now mo hat determined to guve himacel up to ju-tuee. He, was rellanded to give time for inquiry, and on Tuesday Constable of the Norwich Prom, Mre, statine that he Chief other members of the forre had inrestigated the circumstances of the murder, and that there was mo reason to doubt the accuracy of the confesmon made by the prisoner. It appears that in June human body were picked up in various portions of a around Norwich. On the list of June a hand was found, and the next day a foot, Dear the same sput. On when the who week other remains were found, and, pronounoed by a board of surgeons to be they mere young adult femalo. Fo elue man ever obtained towards a solution of the mystery, and no suspicion ever attached to Sheward, who poseed among his neighbours
or a ruuet, inoffensive man, and who explained the home or ance of his wife by stating that she had left appears to have excited scarcely any notice, and it had become forgotten, when the news of the presenticonwhich have pmaced between Mr Mitchman and the metronolitan polic'e, the prisoner has been rearoved to mici, mare the magistrate Irchering.-On Friday, a servant girl, named
Isabel Scales, was brought up on remand, charged with Isabel scales, was brought up on remand, charged with
attempting to poison the family of Mr. John Dods Worth, a farmer of Pickering Marshes. The prisoner, of complaint against two boys of the fanily, obtained
some tartar emetic and nitre, which was used on the some tartar emetic and nitre, which was used on th Which the coffee at breakfast was sscetened, and o which the whole family partook. Several were seriously affeated, but fortunately there was not enough to dentroy life The pirl, who admitted her knowledge the sessions
l'onishuctar-The new mon-elad serew frizate peed at the measured mile on Friday rith trial o success, the mean rpeed attained being at the rate o 14.691 knots, or 17 statute miles per hour. The burnmg power of the ship proved equally satisfactory a complete circle being made in four minutes, a shorte time than the same evolution was ever before performed in by a ship of the same length.
murder of John investiration in reference to the ocrupied the uttention of the county juatice fint enture daye, uprards of itt witnesses having been ramined, was brought to a close on Friday, when th unantoous in cormmitting the prisoner for trial wer

Wells-Bisgrove, the man under sentence of death at Taunton, and who was to have been hanged on Mon day for the recent murder in this city, has been respited thepearsharta forap an to the Hom secretary praying for the respite, on the ground tha the murder was unpremeditated, and without malice iected, might have impaired his intellect. No answer was received by the memorialists for several days, bu on friday evening a Queen's messenger arrived at th ounty gaol with a respite, Mr. Bruce having satiffie himself, by inquiry, that the man's mind had been stopared that Bisgrove will pass the remainder of his lipe n penal servitude. The respite has oceasioned grea dissatisfaction in Taunton, and more so in Wells and
Shepton Mallet, on the ground that the culprit had confensed to the perpetration of a foul and deliberate Wigav,-The lisk of persons killed by the recent explosion at Haydock Colliery has been further hareased by the death of a lad of 18 , who was very to 25. The inquest was opened qu Monday and diourned.
Winissor.-A meating of the Corporation has just Colonel Fior he purpose of considering the report or Colonel Fiwart, R. E. the gentleman apnointed by the Home Secretary to give advice on the drainage of the
towns in the Thames Valley when the ndions 1. That the separate system he the systen of Iramage Flonted in all futuro dealine with the sewerage of retamerd to draty the pins for the draingea worke provided that their terms for doing so are satisfactory to the Board. 3. That notice he given to all parties Fhose irainage is connected with the sewerage of the o the connection of their ament must hat relne he replested to obtain an alvance form the Public per cent The exnenses of camerg out the onatem plated drainage of Wigdsor and Liton, exolusive of


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The Five Eopd-Lievtranait. - Farl Spencer onfer upon his duties, either on the arrive at Dublin, THE MURDER IN TYPPERARY. At An inst. held on Mr. Baker, at Ballydavid, on Friday, an open tenant, waldine ment, and colled ous Mr Bunce the day before the which Was refuscd the withdrawal of th.c ejectroent. Thursday moming the decesased left his residence to neighbourhool heard Mr. Baker. A mman in the sing dend on his nusn swenue, and found the deceased The skull was fatally fractured, and the body bore the his son were both days, but no fresh information has yet been obtainest to the people arrest of any other persons. The feeling o assaspmantion. Those residing in on the subject of hi bourhood, who knew the murdered mediate neighesteemed his good qualities, feel indignant at and adjage; but in more remote localities, even in the adjacent town of Tpperary, the frst announcement of of satisflection at the doom of another tyrant landlord.


 torerb-light proceasion 10 honetur ot the malitart were under arms arad the strongly augmented from the the gusp commotion prevalual the the cify flurng the ar the Government magistrites were ou dut. extensive miltary and police arranrementy
 any serious outrages. Mr () yumhul making une of his testareute tio geal justice than to gran for hime the careur Souse publicans Were oll the police-court in which the su proper oharboters, and similar believed the evidence of the consightha

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 the entan who holds on lease considerth Tueadivise kome from the fired Theur glugs and some sho whoulders; but the wounds are no Was accompanied by his son and the destre to avoid injuring the man who Mr. Prerce is stated to liave provoked
 gius in tho mark at Waterford were foul morbing to have boen overthrie
and lying on the ground. They we former position in the courne of the discovery of the oflenders

## DIBTURBED STATE OF MXATE-ME Rem

 divine servioe on Sundsy last, srmed with barrelled gun, and attendod br s sprma, mula, aud a gentioman who was recently attacked

## geatland.

olich Inspgetor at Grbenock bay an "Irısh Yankee named and was creating a disturbance. Mr. on the mouth Fhich knocked out
A young man standing by offered tull a policeman was sent for; lut. We was yeedly calught, howpersuade him to go home instead a amed a blow with his claspstruck him with great It ear. The wounded man was I.en athbourng shop, where he died in 10
ni sheer luss of blood. The murderer was If $n t$ sheer luss of blood. The murderer was
the erowl and taken to the police
ta surlas he was brought before the magisand rell 37 years of age, and had the reputation I2. - Mily of the quietest and best behaved men in ATTMIThi, Mi'RDER AT KilMarnock, -On New ar lay a man named James Drummond bought a would give her three minutes to prepare for nad into the fire. The explosion threw his en mer ins ther side of the room, and severely burnt , purs, bearing the explosion, ran in and Helonband was taken into custody, and charged with ninnt to commit murder. He adzunted the charge, -hmod not besn blown into eternity. Both were ?nis of ase and has a grown-up family.

## 

Tisw Rroviations at Stations.-On New Year's pithe following provision in the new Railway ReguAct trok offect:-
bo bod altar thitad ist In anuary, 1889, every company ehail of exch stution on their line a list or liste, palnted, dor mritten in legible characters the fares of pussengers

Ormive of Mhe NBW Sufburban Link8,-The Insiztors and Bichmond and the Kingston and . $\boldsymbol{T}$ Iommers Day, Gringing into dırect communication of the London, Chatham, and Dover, Sonth-Western, North London, Metroand London, Brighton, and South Coast lines.
Kingstan and Wimbledon line trains run frome Wai to Herne Hill, Tulse Hill, Streatham, Wimbledon, Maldon, Surbiton, and Kingston. Boad) to Richmond, from kensiugton run from Chelsea, Ludgate Hill Clapham, and nd Kew Gardens. The advantages of this 'tend to the Metropolitan line, as passengers
is stations on the latter can, by changivg eranith, no on direet to by changing
Richnound,
on H. from liston to Miohmond, trains run
lietsech lithmond. Kew Gardens, Brentford hartini Strcet, Dalston, Highbury, Comdas her ti-n Tnin, Willesden, and all stations on "in the tramjement the train serviee bo and hin n . Twi henhim, and Kingston, by Kew S. ershe of trams connecting Virtoris Staton it onn cstoms, "ras also commencerl on Friday. At W. Whi the express traios to Bromingham, Haierion Junction, aou the north. The opening Fridn, hrought the South-Western and , ulies into direct communication, and
lif.ike Missengers access to Charing hhon liridze. More than 3 ath additinal
h.it be run on the unted lines in conseIt itas - lt nypeara from the report the Metr, voltat the number of passengers aud the IIammersmith and City Inccubter, nelusive, was 800,072 of this
ros were parsengers on Boxing Day, the 1 oocurred on the sist ult. ou the Tan wotherham branch of the Midland. As Tras shunting to the giding leading to M. Hith.rian The passengers were very much in and st merable damage was done to the rolhug
 Witien the ethser ana mand tender left the rails, and the

On being released from the carriages thoy recent heavy rains liaving loosened tha sleppers.

## - Oittaxy. $^{0}$

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 remained till 1843,
potentiary nt Muni
Flanipotentiary at
on the death if his fas Honle Fw succend d tor the brronetoy on the death if his fatuer, the tiv, and in 868 , in complisnce
 Mansfield, of Liggeswedl TMvet ITurtf ishiro Ite in Was born at the Hague in , harn, on the 5 th tist., in his sidd year. Ho entered the navy in $179 g_{\text {, and }} 1$ was present at the blockede of Malta, the capture
of the Gérérelix, tho expedition to Egypt, and at the curture of the Gúnerelix, the expedition to Rgypt, ind at the cupture
of the Dandsh West India [shands. Ho gal sequuntly rendered


 few duss ataco. He had seen conalderablo servies in India,
where he served as kient. Oolonel of the 08 din the campaign on the Sutlej, including the affair of Buddtwol, the batties of



 titue cormandied tho sth tughinaders, 10 commanjed
brigade during tho Porsian war in 1857 , , wnd was prosent at the landers in Havelock's coltumn from its firat taking the field in 1857, focluding the actions at Fattehpore, Aoung, Pando (nit). Buscorut Gunge where his harae was killed by a rount






 survive Ife ongigated the measura by which the nommal
 and Privato secretary
anill tealy on Weduesdas, at tho Ficeregal Lodge, hublio. He ha been for some tinu in bad health, and fell on entering his hinit been athehed to the Vieeregal Court for ncarly 20 years.

 and an more than one ocoation was honourod with visita fron

 that the Frince Consort made hutha beem so long in failing Hedth thitl l is le leth $\$$ is ilt unexpect 1



 ho was readiding for the heneft of his health He lud atturne

 Lul 1 is as stu lent of naturna philosophy, and at an early age

 Physival meftinco Ho alan recelved tho Keith Medal of the Ruynl society of Eatabursh, and the Rumford and other trabuted by han to the "T rankactions
resigued his l'rufensurship at Ethaburgh in 1880 , wa boing till within the last fow montho. He marriod, in 184 the


## 用artets.

We are still vory quiat here, no changes luving takon plaoe that would compmand attontion; the only article ratber

 of Refnetto de Bordeaux and Dieu Donne Alsws from Bordeanx, reatising from 12s, oki. to 159, per cisk. Urances




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METROPOLITAS MEXT MARKFT.-TIn 6 .

 repor a coutinued eteady
 rates beung filly maint wine. 1 .

POT ITOS.-Sinctiwark, Mminy, Tan. 4
Niring the pats weak the arrivals have been heary f forenta, the trite enntinkes in a sery aluggish atate.





[^47]> THE GARDENERS' CIRONTCTE ANT AORTCTYTIRAL GIVE:TTE

Walls End Orgtual Bolmont, 18 3d. Walls End Hartlopool, 18s. 9d, ; Walls Find South Hartiepool, 16s, ; Walls End South

LEADENEALL AND NEWGATE POULTRY, *O.
 Freah Butter, 18, 4d, to la. id. per ib.
METROPOLITAN CATTLE MARKET.
We have a grod smpply of Beasts, and tradu is by no means brisk; choicest qralities are makiug about the same as of late
but Inferior are lower. The anmber of Sheep is considerable trade in, bowner, active far best descriptions, an 1 prices are
 and \$uffolk, 50 ; and 2262 from the Midland and Northern Bett Scoth, Hero Best Shurthorns 2d quality Beanta IIalf breds an Du. Stoorn $\begin{array}{ll}2 \text { to } 5 & 6 \\ 0-5 & 4\end{array}$ Bert Long-wools 5 . d. s. 0 to 4 - $4-5$ Ewes \& adquality $4.0=4.0$ Buasts, 3cso ; sheper and Lambs, Lambs


 22 ealves dear. Our forcign supply consists of 184 Jieasts and Beat Scots, Horc.
\& d. Best Nhurthorns 2: quality Itcants Weat downes al
 $\begin{array}{llll}5 & 2 & \text { to } \\ 5 & 0 & 6 \\ 3 & 4 & 5 & 4 \\ 5 & 4 & 0\end{array}$ Neaste, 970 ; Slucep an SEED MARKET
We had an average attendance of buyers at our market to day, and a fair nmount of business doing. There iss good specusumples of home-grown eect are oxceedingly acarce, and are ofier, the quality of which in fery inferior new little on meets witha ready sale at enhanced values, white and Alsyke Clover aeed are without quotable change. For Trefoil secd the trado in quict, but firm, Now French Italimn Rycegrasis in better request, at an intmoremicnt of taries. Rer qupe accd is wo bare a fofr inģulery Small orders continuter tird seeds hand for Enilisls winter Tarcs; Konlysherg spring excite just Pow and Benss of isll surts are in lively detuand, and come eed trado in exceedingly frm, and in epite of the agricultural good business has recently becn transseted. Our advices from frmneas in the Clover trade, With pricen, tending apeak ol great Join Shaw \& \$oss, 16, Wator Lane.

## MARK LANE. - MoxDis, Jan, 4

There was a short mupply of Engilish Wheat fresb up to this per ur ca the prices of lastMondyy. There was a fair attendment of 19. por qr., but the businesa done for an inpprove. Flne English malting Barley extromo prices of last week and grinding unchanged in value, Beans and Peas, frovight lato quotations. The Oat value, Beans and Peas brolught Flour was rather dearer.
Price Pkr IMpertal. Quartiar.
WiEEAT, Emeax, Kent, Sutoik, - Tane solected rums.. do.

Forfolavera.
Batier Forpign
 Oata, Essox and Stfilk lk datiling 31-33 Malting

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Tlue advanee groted last Friday hiss toado further progress,

 opchate, at existing rates. Malting Barley has contanger other qualities maintain late rates We bare no aiteration Flour has continued in the pitco of Beana, Peas, and Oats, tovoured holders. The supalie, but in some fastances prices frook conainted of JA cargopes, of which, with those cingt this The absence of frach renaiued for salo last night 13 citrg ves. ratos were pald firm, and in tho few gales off toc cinst are overdue and held beatimate that notheut 50 Wheat cargoes paissigese and for forward ahf pment prices are, in the absencen of
The arrivals of all grata afoce Monday bavo been moderato. Erinay, Jans



 (ARDENER (HFAD), where

To Noblemer and Gentlemen.
ARDENEK (wher ascintance is given), - Age 31



## M 





## per sack 43-4

## per fittorel $24-44$ C' untry

Thoro whal a fair nttendanco at this morring's market,
and tho fow samples of Endiah what
 Thero was no chango in tho vilue of Barles, Bcans, or Pent Oats were in falr demand at a slight Edrance.

WANT PLACES.-Letters to be Post Paid.
HXPERIENCED GARDENERS (or as GARDENER Gontleman - Fartherparticulars givenoanpplication to minearded to To Garderers and Batlifs (Head Foremon or Thder) JAMES CARTER AND CO. having many arplicration


 (ARDENER (Hran), - Ago 39 married, no
 (TARDENER (HEAD)-Married, two children , has
 - A. B, 1, $\Delta$ delaide Cottages, London Lane, Eutald.


OARDENER (HRAD)-Age 40 , married, two chuldren

CARDENEK (Hzad) Age 36, married, no incum


Fomaximatim
 GENERAL MAMAN and PK!

 CHRISTUPHER SCUIJ, Stren ?

 mont,-Are 25, bine jeara' practice expert
HOREMAN, in the Flower Gardu

To Nurberymen

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REMAN, or FOREMAN and


NUESEKY FUBEMAS
TOREMAN, PROP \&GATUK,
1 and Soft-wooded Plants, and could take che
DRUPAGATUR-Age 23, can grow store

Drol'agaluk (IN-booss) -Age 20, yim
A. B. B, 10, Wellington Rras, St, Jobn $s$ Hoock, Nin

HARM BAlLIFE,-BLurred; thorouphly eme


Road, South Norwood, simres, $t$.
IMPHUVER-UACd to the Poreng of
Greenl onse Planta, $P$ bes, Yasa, and Pachan
T MPROVER, in a Gentlemante Garjen -des Bue Oear nnd nine mus

TTRAYELLER, TO the Beod Trace, Man. Gootail (England, lreland, or Beothnad) - Ar auphere II 0, Lawes Road, Brtghtor.
 titmell, near Fottinglam.
H HOPHAN (AssistaNT, or otherwisel-i - : 0, Guyn itreet, Bodford.
BREAKFAST. EPPS'SCD Frepared by JAs Eppy \& Cin, IJomreopathic Cumbish
$\mathrm{T}^{\text {i }}$
Sauce. Les \& Perring
HE $E$ WORCSTFRSHIRE" Appetite, and Aids Digestion. Conrwailed for piquen




(YORNS and BUNIUNS.- Gentleman, mation by whioh he ovtalned their coimples not
 -TALSE'S GALVANIC APPARATLS
 Calse, No. 40, Addison Road, Keusiogtob, for ais
contans the particunrs of the most extrionther
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## the Gardenteg Chromicle 2tosipaper.

IATURDAF, JANUARY 16, 1869.


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 or through all respectablo Ironmongers. catrige.
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Tho duty performed by all C., B. \& Co.'A Enginees ot this occasion, considerably azeecied that C. S. \& Co. refer with pleasure to the fact that the duty of their "COMMERLCLAL" or 8 BLidil
ENGINE, at Chester, zo long ago as 1858, Was not equalled by any "ordinary" ENGINE, at Chester, so long ago as 1858, was not equalled by any "ordinary" PRgine at Bar.

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 D ESCRIPTIVE ROTANY. OR THE ART OF




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##  A of the GRAPE VINE By WILLINA THOMzon, Gard

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Akive Hereford Cattle that be in nlly informs the Breeders of


















THE REV. CHARLESE HOUSA, Rugby. Serrice Examinationa.

| SCOTCH FARMER has an OPENING for a PUPIL and a great extent of Sntural Pasture reclnimed the system purnued tr combined Sheep and Com Farming Tho Duke of TIHE SOCIETY of PATNTERS in WATER <br>  Ten till ate. Admasion is. Gas on dark fayal wiLLIAM CALLOW, Secretary. C EOI.OHY-KING'S COILEGE, LONDON, I,ECTURES on GEOLOGY on FRIDAY, Jnduary 22, at of A $x$ They Fill be continued on ench guccoeding Wednesday and Fridny, at the bambe hour. A Ahorter Course will be given on Thurday eronings from $R$ to $\rho$. First Lecture, January 21 , Text-book, Lyell to the Pubic Musc ums and to placeso of (ealogical interest in the <br>  |
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## 7 \#nnte xerng.

Tife Cocrt at Osborne.-On Thursday, the 7th, the Earl and Countess of Clarendonarrived at Osborne Tait the Risht Archbishop of Canterbury and Mrs. Tait, the Right Hon. Heary Bruce, and the Dean of the Queen walked in the grounds with Princess Beatrice, and in the afternoon drove in the grounds Beatrice, and in the afternoondrove in the grounds
with Prince Leopold and Princess Beatrice; and on Saturday the Queen, recompanied by their
Royal Highnesses, drove to Bonchurch and took luycheon with Iord and Iady Alfred Paget. The Earl and Countess of Clarendon left Osborme for london. Earl and Lady Constance Grosvenor and Sudy Elizabeth Grosvenor arrived on \& Visit. On Princess Beatrice, attended Divine serviceat Whipping ham Church. The Rev. G. Prothero officiated. On Monday the Queen walked and drove with Princess Beatrice. On Tuesday morning the Queen walked and drove in the grounds with Princess Loutisa, and went out in the
sfternoon with Princess Beatrice. The Countess afternoon with Princess Beatrice. The Countess
Dowager of Carnarvon, the Countess of Suffolk, and Lady Fanny Howard had an interview with her Majesty. On Wednesday morning the Queen walked and drove with Princess Louish, Lady Augusta Stanley arrived from London on a visit. On Thursday the Queen held \& Council, at which the Duke of Norfolk the oaths as Earl Marshal; and Baron ofu Jardin Belgian Minister, presented his letters of recall. After the Council Mr. Matthew Digby Wyatt was iotroduced to her Majesty by the Lord Chamberlain, and received the honour of knighthood. Earl de Grey and Ripon and $V$ iscount Sidney had audiences of her Majesty.
The Duke and Duchess of Abercorn arrived from The Duke and D
Ther Prince and Princess of Wales left Copenhagen yesterday for Trieste, where they will embark for Egypt in the Ariadne fripate. In consequence of the Prince has determined not to pay his intended visit to the Court of Athens. Princo Albert Victor, Prince George, and Princess Louisa of Wales, are expected at Mariborough House on Monday gext from Denmark. ARPIVAL OF THE DUKR AND Drehess of
SCHLEEWIG HoLstern.-On Monday afternoon the Scaleswid Holstenn.-On Monday afterioon the Prinoe Christian, with the Duchess and the Princess Henriette, arrived at Frogmore on a visit to Prince and Princess Cbristinn, and are expected to remain their guests for two or three months.
Accident to the Duc de Guise.-On Thursday, the 8th inst., the Duc de Guise, only son of the Due d'Aumale, was thrown from bis horse while hunting, and broke his leg. His Royal Highness was at once conveyed to Orleans House, Twickenham, where the broken limb was set, and the duke has since been progressing favourably.
Election of a Bishop of London:-On Thutsday morning the Dean and Chapter of St. Paul's assembled in the Chapter-House, and, in accordance with the Queen's recommendation, elected Dr. Jaekson, by the eleration of Dr thin to THe Negotiations With America.--The Times. of yesterday announced that a Convention was signed on Thursday by Lord Clarendon and Mr. Reverdy betwreen Lord Snost precisely the terms agreed upon Lord Clarendon took the American Minister. tion exactly as it was left by Lord Stanley, and Mr. completed by the Taited States' Yiniste negotiations it adds "b bas heen ather Minister. "Nothing," ments, involving nothing wave some practical arrangedifference of opinion
Parliay
Fortesoue, Chief Secretary forts. - Mr. ChichesterFortesoue, Chief Secretary for Ireland, has been efected for county Louth, and Lord Otho Fitzgerald, Comptroller of the Household, has been The election for South Kildare, without opposition. Thursday in the return of Colonel Wilmot the Con on servative candidate, by a majority of 29 , according to the numbers puhlished by the Liberal committee, oyer as 40. Colonel Mure of Caldwell, gives the majority he candidature for Renfewshir is withdrawn trom Bruce, the Home Secretary, who is expeoted to returned without opposition.
Tha Trial or Election Petitions, - The first arial under the new Act for the sappresion of corrupt
practices at elections commenced on Tre member petitioned apanst was Mr. Rope tive candidate, on the grounds of bin The examination of sitnesses occup yesterday, when Colonel Gardine
feeling bound in honour heeling bound in honour to admer that Mr. Justice Willes then sald that the Speaker that Mr. Etkyn that or his ageats of corrunt practices did not and that the costensisely preval petitioner, Colonel Gard.ner al mua not appear frivolous and r
onened the commission at
began yesterday tbe inquiry into
apainst the seat of Sir II. Stracey.
each to induce them to Court of Common Pleas vote for Sir question whether the amount of had disputed election cases in which members are attacked by one petition the petitioners in the cose luce m why the decision case of leever security given is sufficient, should not IIereford, Wigan, Prestis decision are Coventry, Penryn, and Oldham Court gave judgment on an appli Smith, the sitting memb
claime that the off the fila be petition against him sio persons said to be bribed formish then them. The Luord Chief Justioe refuts Court adhering to the orders laid Second Division of the Scotch Courb
Tuesday, rejected the reclaiming by Mr. Grieve, |the sitting meraber against the decision of Lord Cowan, refor the petition against his return beraus Court of Common PU on the petition syainst the return of Mr . Mr. Wexford. It appeared that reux demanded a poll. Mr. Motte af drew from the contest, and the She the formality of polling a fers rotes that the election was null and rod was not entitled to tha seat, that there m be a new
own costs
The Conservative Partx.-Mr, Whito for Bridgnorth, has resigned the office of co Whip, to which he was appointed by Mr Manchester
New Barowetct The dimnity of a Baronet of the Unitod Kingd county of Miaziere Brady, of Hazolir county of Dublio, in recognition of hit essive Liberal Administrations.
Police Magistracy of Gibradtarhas appointed Nicholas Kendall, Esqu, of M.P. for East Cornwall, to be

OFFICE OF Works,-Mr. Layard, the missioner of Works, has appointed 1 Fergusson, the architect, to the
Board, in the room of Mr. Alfred

Recordership of Liner.-Mr. of the Norfolk Circuit, has been app on consequence of his age and infirmit Thr Abmy.-The colonelc on Major-General Trollop Grant has been appointed Col and Major-General Moore has been Commandant, in the room of the late $G$ REDUCTIONS IN THE ralty.-It is understond that hl little delay as is compatible with the service. The Steam Department Lloyd, the Engineer-in-Chuef of the Ni and will bo succeeded by Mr Murtar of Portsmouth Dookyard, whose app be illed up. Mr. Mden, mang the chief alere of the Steam superannuated. The Storakeepar Navy wiso retire, and the office that of the Controfler.
departments at Whitehall and $S$ reduced in number or altogeth expected that many of the junior cla only the that reductions are to be made in t

## forctit.

## France- The first sitting of the

 After the formalities had been con Frere drawn up and degpatohed to tho stantinople and Athens, requestio he status quo pending the durat. n th the Turkish representative and an
 ommunication eaused mach surprise and Prinoe Metternich, the Austrian Plenipo-
 Conference before making
He askent that this cenure Pleninotentiary, howeunt Stackel. 1 not sumn the protocol if it contaninel the mare. wiless it, whlule condemmng thi Put formard by (Greece, whe the hubutance o hell an unolfical sittina in the orenung and The Conference met again on Tuesday, rfumed to continue their deliberations even hrepar thas Grepon maintaning ber pretensions. 25 mh tatruct ons from his Government, was not fe das, an 1 at for nearly three hours, A1 Ranzab. aring recerred A reply from his forermment, was armentro in spte of his absence, and entered into anh enszzement to (ibserve absolute secrecy as to

 Goverament not to insist lupon a mere question
 nined, nnd negotiations on the subb
being oarried on with the Russi The Franch Minister with Athens hassian positions in whlireek Governred at the Conferenec in the follownag litat are entitled to take part in the and that Torkey was admitted as
lower There should therefo

- montion which could offend the suscen zme, Minister of Finance. Was pulibished on V. T . The following is a sumanary of the Budpet:-



## The




arf $11 s$ de Moustier was slightly better on Thurs
"is still very ill. The Moniteur de ? article reviewing the year 186is, says:
paper announce the sudden death of M with apoplexy on Saturday, while at etasel on a picture destined for the
mani
ned bs all the memben addreased to the itnas approval for their conduct, and fulfilled their promises made at the the revolution. The manifesto recalls the nenformity with the pros which hrve been masreat economy and extensivenmprovements I of monopolies, prohibitions, and other arther development of trade and comer fralithonal Goverament will observe berai, shoult unite, resterate that that they former declaration of the urrounderl by monarchical principlefriture than any other form of (iovernand of siege at Malaca was rased The Qazette publishes an the rising in Mrlara, recording slight contusions were whitnded, giving anout io take measures with the
poclesmastical corporations. Three ladies
Marchioness of Santiago of Tigasti, and

Serrano, as head of the Provisional Government, a do-
cument, signed by 15,000 females, remoostirating against religious freedom and religious toleration maintain the Roman Catholic and Apostolic faith then all its integrity and purity, sad upbraidion them for hic impious and ascrilegious line of policy they have at Corunga states that there is no foundation for the report of bodies washed on shore at Carril, and along the adjacent coasta.
Portuanli-The Duke of Saldanha, Portuguese to forma a new Ministry. The merchants of Lisbon have addressed a petition to the King, praying his Ministers, on the ground that they were the onls Ministers who have shown a disposition to carty out a course of reform and economy. There is much popular agitation in favour of tbe late Mivisters at Lisbon and were forced to sield to the factious oppasition of parties interested in maintaining the ruinous expenditure of the State.
Prussit. - In the sitting of the Lower House of the Diet on Saturday, a motion of Herrt Twesten, requiring mant of the Prussian public debt, "13s recurded the payBismarck especially opposed this proposition, on the ground that no pressure was necesary to bring about
the incorporation of Lauenburg with the Prussian the incorporation of Lauenburg with the Prussian
kingdom, That consummation, he said, would follow Berlin, committed sumecte last week by hangug homeelf Hitherto Jews havo not been admulted in Pruscia to the functions of judges, but M. Joel, a lawyer of that nersuasion, has been raleed to a seat on the bench at tralsund.
Hungary. - A rich and eocentrio octogenarian oamed Stanislas Poltzmary, who lately died on his pro servauts, and alms to the poor, has made MI. Francois Lotz, a Hungarian notary, practising in a little town near lenna, his residuary legatee, on condition that Milan or the San Carlo in Naples, the part of Otello in the operas of that name, and that of Elvino in the my wealth in this minner for the sake of being thourh an oripiual, hut havinv veen present firt years ag? a is gentleman beautiful teror winem Therefore I lbolle

## ublic birsina

thren mallions of florins which i leate lim ", II latz language, and preparing to carry out the wishes of the decersed
RUSSIA.-The Suburban Gavetfe of Vieuna states that the Governor of Poland is actively occupied in the equipment of the Russian srmy of the south rest, which is stationed in that kinadom and on the Pruth, and which consists of 3 - divisions. It is said that Russia hrs advised Greece to adopt policy of moderation. The first number of the ficial journal, the Gorerment Messenger, appearer mportant political farts, communicated to it by the Iinistry for Foreman Aftairs. It is said that the revenue 3udget for $186 y$ amounts to $482,000,000$ roubles. The covered by the surpluses of 1866 and 1867. It will not be necessary to have recourse to extraordinary resources Min Majerczak, Roman Catholic Bishop of Kielce, in Poland, being in fear of transpor
ITALY. The Duchess d'Aosta was safely dalivered of son on wednesday. He recelved the title of Duke of ?uglia. The Chamber of Deputies hare nominated a and the Duke d'iosta on the occasions to the king and the Duke dasita on the occasion of the happy event. The Chamber of Deputies reassembled on Tuesdey, but there was no quorum. In the sitting of Wednesday notice was given of various questions
relative to the application of the Grist-tax, the riots in the provinces, and the nowers conferred upon Genera Cadorna. The Minater of the Interior ard he could nece then make any reply on the
necessary to await the reception of documents from the provinces, He added that order was perfectly restorest Chamber the impossibility of providug all the merha nical tellers required by January 1, and added that the Government had acted towards the millers in the most accommodatag spirit. One-fifth of the mills on Governmeat account, and the remaining seventenths were working and payiag the tax regularly The tax was now applied in 6y provinces. The for the discussion of the questions of fhich notice had been given, and the Chamber then approved a motion brought forward by Siguor Mussi, a member of the Left, fixing the debate for the 2lst inst. Vo furtlier Regcio, and are rejorted from Bologa, Parma, or kingdom. Garibalds has been once more elected Ileputy by the college of Ozieri and has this time accepted the seat, and addressed a lone letter to ho electors, which is rirtually an address to the whole of ten centuries" and says that tha morement which terminated to Montana had for its object "tho most beautiful, the most splendid the moat the mos beautiru, the most splendid, the moat generous
ment of Satan." He insists that the Italisin Governuntal they were crushed under the walls of the metropolis of the world-" the asylum of all that the human -our cespital. in ehort he grentest of ltalian glories Italy, hut a mere word exesting a smile of pity," He ontional barty in Itals and the leaders of the ConstiKing of Italy and his advisers suggest to ants of the resemblance to those of the sreh suggest to lutm a ciose Papar STatrs. - The Ceumenical Council will be held in the right nave of St. Peter's. The bishops fortnight in Lent. The Council will laet sing the last ortnight in Lent. The Council will last six montbs at andlege on the ferchishoming officiated at the Eaglish ollege on the festival of St. Thomas of Canterbury. hignore Cesere lrua-ane, one of the best panters of
Rome, has just died, at the early ape of 31 years. IIs come, has just died, at the early ape of 31 years. His Rome, the Pope having on this occasion relaxed the law against funeral processions, His grestest work was the "Martyrs of Garinchum."

GRFECE-It is reported that anmeexcitement prevails take refuge at Nauplia in case of certain eventraalities The municipality of Missolonghi certain eventraaities. the spot where he died in their town, in April, 1824, to Hellenic independence. One-half of the expenans will be defrayed by the municipality, and the rent by The Prixciption.

## the Chancifirs.-The Budget for 1869 voted

 has henn samber, and placing the revenue at $74,362,8881$ m the sliting of the Chamber of IVemuties on Sundas the Miniater of Finance stated that the late Cabinet had left a deficit of $21,000,000$., shd that out of $48,000,0001$. had artisally been receiven by the Ex chequer. The Minister expressed a hope that the recovery of the arrears will restore the balance of the of the momentary aris 1000000 hes bear subsaribed by capitalists. The Sultan has sent an antorraph lettor to Prince Charies, congratulating him on the peacefol policy of the Roumsnian Government and on it evident desire to preserve friemdly relations with the Porte.TURKRY- I despatch from the Porte of the 30th ult jusifying the attutude taken by Turkey. It siya that declaring war or breate alterabtive of immediately relations with Greece. The Govermment chose the general European confuncation It did not causing a practical result from the proposed Conference an could not poscibly esree to it in pinciplo knowing beforehand its programme, nor could it make any concessions with regard to the five points of its titmafum, which constitute the winim conaivion renewal of relations with Greece. Moroover, it ha the moment then jolentary to leave ta Conference nending question and touch upon the orerstep tho or any quitorial or adminith or the allars or Crete rith the Ottoman Mmpire. The Porte in comly communicaton fromithe Porte, in reply to to the prication from the Marguis de Livalette relative of Pe proceedings at the first sitting of the Conforence ffairs, has informed the Irench minister for Foreign tatur tat Turkey will do notaing to aggravate the uspend the decree worpit ins no measures to aspend the decree expeling Greeks from Turisish Reritary haviog beor aiready virturily revored. Greak ship the Greek ships, he Government says thst if will await the General the Coneral Ignatieff, the Russian Minister, bas asked the porte recall Hobsrt Pashas Irom Syra, but the ornand has beon rejected, on the ground that Hobart Pasha is only blookading the Fnosis, and not the port of Syra.

## Egypr.-The Viceroy of Egypt has deputed Colonel

 Muohir and Pingari Bey to visit Franoe, Fngland,Holland, Belgium, and Prosais in order to study the systeme and implements of agrioulture in those Invies, and report on the subject
INDLA-The Farl and Countess of Mayo and Lord apter reachet $B$ nmbay on the night of the 19 th ult. tions had been made for thoir nublic recention but the procoedings were marred by the day of their arrival bemp Sunday. Lord Mayo visited Poons during the eek, and leit on the 30th for Calcutta, where he with tue Countess and their suite, landed on Tuesday vening last. His lordship proceoded in stotuesday Government House, and immediately took bis seat at the Council. ifter the Queen's commission had been read, he took the usual oeths in crean had bee tion was given to him by the inhabitants of Caicutta Ar John Lawrence will not leave India before prolong his stay. The native chiefs and nobles of the Sirjab are activoly preparing a farewrell address to ment as Commander-1n-Chief on the 21st. The Broach Exhibition was opened by Sir Sermour Fitarerold the wird. Relief committees have been eatablish. in the Jorth-West Provinces, have been establishld in famine. Some rain has fallen in the Northe West and Central Provincex, rausing a redurtion in the price of food. A battle has taken piree nephew, Abdul labnan Khan, in whicn the int his complotely defented The news of the the latter was made known by Koral salutes at Cabul cory was

Alı Khan had become possessed of the territory in Turkistan, where his nephew, Abdul Rahruan, had Oreviousy ruled, It is rumoured Onat Cubsian agent, is now in Cabul, and that Russian Cossacks have beon scen on the southern side of the Hindoo Koosh. Meer Hajee has been convioted at Delhi of the murder of Captinn Doaglas, commandiug the Palace Guards on the llth May,
18.7. A lind of Maine liquor law has been intro-
duced into the State of Rampore by its Nawab, who duced into the State of Ramprore by ats nawso, who ut his commons.
CHIN L-A despatch from Hong Kong, dated the 20th ult, states that her Majesty's gumboat Guat, after
gonn ashore on the coast of Balabac, one of the Philliypine Islands, was struck by lightning and blown up. No res were lost.
JAPAN-Hakodadi has been besieged and taken by a rebel fleet of seven vessels. The assault was headed by
foreigners. Her Majosty's ships Satellite aud Argus, and the French war vesoel Feuls, have propetle to IIrkodadi. The forefyrs community are in safety, and lave not been molested.
[ Nited Siates.-The Bill
I Nited Siates. - The bill for repealing the Tenture
of Otlice Law was passed by the House of hepreientathes on Monday. The vote was 110 for, and 17 (all leapublicans) agganst. The Democrats uasnimously voted in the affirmative. In the sitting of the House on Wednesday a Bill was introduced by General Banks, for astablishing an A merican Protectorate over IIayth, table. The wote was 121 to 30 . In pursuance of President Johnson's Amvesty, a nolle prosequi has been ridge, and Attorney-General Evarts has ingtruuted tho district attorneys to discontinues all prosecutions for treason snl rebollion. The Republicun, Press generally condemn Mr. Reverdy Jobnson's acts thing defnite, appear to believe that he is saarifioing American intorests. The Democratic journals at first Amencan interests, The Democratic journ
supported Mr. Jobnson, but are now silent.
olt at St. Thomas - A severe shrek of earthouake was felt af sit. Thomas on December 23. A tidal wa
been experienced on the cast cuast of Trindad
Cebs.- Lecounts from Havannall state that General Dulce, the new Governor, has proclaimed liberty of tents surrendering within 40 days. Cespedes, the leader of the insurgents, has proclaimed the emancipation of the slaves. The insurgents still menace Puerto Principe. General Dulce has asked for a reinfurce-
ment of 4000 men, who will be sent off by the Minister ment of 4000 men, who will be sent
of War during the present month.
Mexico.-An earthquake took place on the 20th ult, in the cities of Colima sand Kanzanillo. Several persons were killed, many houses destroyed, and nearly ParagUar.-The Paraguayan army was completely Paraguar.-The Paraguayan army was completely routed on the llth of December nt Filletio. Thare
thousand prisoners were taken by tho lirazdiane, and Iopez escaped with only 300 mea. The Brasslian squadron was asceuding the river Pararusy to take possession of Asslimpcion. The war was considered to be at an end. The Earl of Clarendon has received a Buencs Ayres, disted the 2lst November, reporting that as far as and be ascartained, there are two British subjects in prison in Paraguay, named Alonso Taylor and F. G. Mastermen, who, it is believed, are suspeated of complicity in an extensive conspiracy. Mr. Stuart Newton, WF. Fien, G. Miles, ant G Hiliginhotham Who were in Government employ, have been distunsed fromat, sad that the three former of them were then at San Lorenzo and the latter at Parggari. Mr. Stuart further reports that the commander of her Majeaty's ship Beacon had received from President Lopez himself a posisive assurance that every British subject in ParaGuay should receive the best posisible treatment.

## City Entelligente.

OTRREND, Gubist \& Co.-The case for the prosecution was ooncluded yesterday at Guildhall, and the inquiry wes adjourned to this morning.


## fletropolis and its Vicinity.

MEbTing of Rifealisss,-On Tuosday afternoon 8 Freat meeting of Ritualists, clergy and laity, was held
at Fremasons' Hall, to receive the report of the committee sppointed at the meetine on the 30 th uit, on the of the Judicial Com reference to the recent judgment of the Judicial Committee of Privy Council in the case of "Martin . Mackonochie." Archdeacon Denison called an "advanced Ritualist," and his taste inclined rather to simplicity than to complication of ceramonial,
of all and each one of the many links which bound the
Church of England to the Church Primitive and Catholic, and for the liberty of Clurehmen as estab lished at and by the Reformation. Aad lo would say, that they should never cease the work of all then Chureh of God in this land of the Court of Final Ippeal as now exinting by law. Mr. Turner then read appointed on the 30 th ult, criticisits under various heads and in great detail the recent rejort, and recommending that a memorial from cleray and laty be and Wresed to the archbishops and, mufatos mutandis, to both Houses of the Convocatiols of Canterbury and lork praying their ordsatps Chures of En character of the Church of England, disparaged by and to claim for Churchmen the lawful liberty now invaded and denied, and so far as in them lay, to relieve them from the contradictions, the dilticulties, and the dangers in which they were placed
by the late moterpretation of the lat. Mr. Turner moved and Lord Lhot seconded the adoptinn of the report, wheh was carried unanmously. The Rev. the adoption of the memorial. which was also oarried unanimously. The Rev.J. W. H. Molyneux, vicar of
St. Peter's, Sudbury then moved and the Hon. C. L. St. Peter's, Sudbury, then moved and the
Wood seconded the following resolution :-
Final That this meating does not recognise the existing Court of Final Appcal as a Court competent to declare the law of the
 fundamental principle of connection with aud roference to the
 uch law shall bo further declared or amended.
The Rev. W. J. E. Bennett, Vicar of Frome, expressed his regret at being obliged to differ from many of his riends, but though le might be placed under the obey the law of God and Ifs ('hurch rather than the aw of the Queen. He objected entirely to the miserable conclusion" of the resolution, and moved less" should be struck out, and the followng words ns

And therefore it is unabie to reconolle aubulasion to the present decreo with ite paramount and primary duty of

The Rev. C. J. Le Geyt seconded the amendment which was supported by the Rev. T. T. Carter, vicar of Clewer; the Rev. $G$. Nugee vicar of Wymering; and
the Rev. Orby Shipley, and others. The Rev. T. The Rev. Orby Shipley, and others. The Rev. T. W.

Littledale, and the Rev. M. W. Mayow opposed it, on the ground that they had no other 'ourse ojen to them than to submit under protest,
'The Rev. $J$. W. Holyneux vicar of St. Peter's, The Rev. J. W, H. Molyneuz, vicar of St. Peter's, is conviction that the judgnient was unjust, ho had reluctantly removed the altar lights, which he had used for twelve years in spite of the remonstrances of Bishops Turton and 13 rowne; and he had done so because, as long as the clergy retained their nosition as ministers of the Church of England, they were hound court of the law of the land while the highest a division Jr. Bennett's amendment was lont. Th Rev. T. W. Perry then moved to omit from the resolu the Rev. Canon Cooke seconded the motion, whieh was agreed to. The Rev. C. F. Lowden, vicar of St Peter's, St. George-in-the-East, moved as an amend ment that they should strike out of the resolution al the words from "neverthelass" to the end. Mr Beavan ecconded the resolution, which was carrie With but few diseentients The Rev. C. A. Fowler Golduey seconded, an fumendment that a deputation should wait unon the Church Association (the Evan gelieals), to ascertain whether the two bodies migh not act together. On a division it was lost. The Rev theso words:

## no altermitive for Mr. Mackonochic but choduence time this meetiag maintafns that if the unpre

## phited impartinly

The Rev. J. Edwards seconded the amendment, which Tus los. The Charmen said that the resolution as hing would we nonsense, and he hoped that someNhe would be added which would make sense of the fev. M. W. Mayow then moved that there should be added to what was left of the resolution these words-
it at the same time, this meeting, fecling the prent difficulty of the prisent cise, and thank, there are many who
have used the coremonis now condemned by the Judiciat have used the caremonial now condemned by the Judicit the practices or ceremonill in quention
The Rev. T. W. Perry seconded the motion. After C. L. Wood rom the Rev. Orby Shipley, the IIon the original resolution, which had been pasaed by a marge majority of the committee, and embodied, in the most unexceptionable terms, the great duty of obedience, of only one constraction-pamely, that that areat meeting would not consent to any obodience at all. I the amendment now proposed was rejected, he must,


Mr. Turner seconded the motion Tue
Perry moved the following ameudnent -


## This amendment was accepted by

 Mr. it Was carried instead of the oric:nsa following resolution, which was carried cussion :-
##  of tho Socraments hes issuled only wis

The Earl of Limerick moved the list roure follows:-

##     had Felded immediate subunis

Mr. J Shaff Stewart, in seconding t through the Bankruptey Court English Church Union had borme is expenses, and he thou, he a!t appel adopted, the leveral. L. Fish no Upton Richards seconded, Archacacon, the dionsed the meetion Wednesday another meeting of Fital Freemasons ${ }^{2}$ Irall, composed almus and other prantices condemned by ine mittoe of Privy Counctl. There earnest discussion, in which the
Rev. Orby Shiples, Rev. J. Elwa
L Lowder, and other gentlemen
admitted it wouk be very una as a body, to any particuiar might feel it to be their dut law of the Church on those from the law of the land as cxpound Committee. It was stated had determined to co

## authority. Aquestion

shecree of the Judicial Comnat

necessarily jroceed by monition or o planued of. Any person, it was sals indictment aganst a clerfr man been the real promoters o slip. I'he ruestion of the $p$
on doctrinal matters was alluded to rally admitted that, in the evea rist is antaconistic to the doetrin

## Figland, the Hijell Church par

## The Fafncir Amrantle Eastern commenced shipping Eastern commenced shmping Thursday morning. up to Thursday nig

STREET ROBBERY
elderly gentleman, was
asked him the time.
through the intersention of
chapel, at whose shop a female co
brought up at Clerkenwell
day, and committed for trial
THE PEBLIC HEALTH.

## on Saturday, Jan

the Inited Kingdom. The
wras 97 per 1001 persons
in London, 10 m Edinburgh

## in Salford, 53 in Shettelat,

## and is in Gl Hull,

Berlin during the week
berin 32 per 1000 during
cormponding weeks of 10 years，1859－68， nombor，correctled or inc irease of population，
Tbe desths registered in London during 25e 1501．It wis the Ist week of the the sverage number of deaths for that week， for increase of population，was 1681，The retura so therefore 180 beiow the average．

## Zobrobinctal．

Anr：：The－Theproceedingsagainst Thomas Morris， charged wita the ouurage at the house of a if the Bth ult．，were resumed at the Police town on Tuesday．The prisoner had powder from a mining magraine in farmhouse and fired it．The roof iren the windows blown into the garden the ton persong in the house mas hurt onever，was found at some distance， hes burnt of his body，and frightfally Ho has been in the hospital over since，and bofore the Fas guficientiy recovered to trial．
－Martin Brown，who was convicted at the I miso of the murder of an old shepherd，oalled hat Brichton，has made ofull confession of circumstances comnocted with it．
lupposition that he committed the
upposition that he committed the
uf tho paltry sum of money that the sahe of tho paltry sum of money that A the，w．th tho other circumstances now conrlet，will，at his own request，not be H Th The remaing of the on Monday next． 14． 7 －The remaing of the body which were \＆mt Jorwich in June and July， 1851 ，were they had been deposited，when it was found ha been put into the jar of spirits of wine thair presarvation．The result of this is now has bern destroyed，and nothing now bat bones．It appears also that the medical who ersmined the remsins when they were noman，whereas，at the that they were those Foman，whereas，at the time of the murder ard must have been approaching her sixtieth the witnesses exsmined on Friday，when the brought before the borough magistrates， unt the medioal men had completed their t．rampitus ；but in consequence of the of Identifying the remaing with supposed that he will retraot his nad that he and his friends will endeavour I lus when he made his statament he who T－yOH TII－ 1
n boari the Victory has been sitting for rashurst，R．N．，acting Governor of Isle of cottong from on wreckod ship called the and afterwards sold the ship and articles in oum boneft，The Court，after hearing wine found on Wednesday that noither of the 72 s （ally and lonnarably acquitted．Admiral ri－1 artan Wry，as Presilent of the Court，then
－The gove
farodsh governor of the county gaol reobived remeryed the intelligence with ereat mani past in the Wells murder that，he had bad at present in T＇aunton gaol．has had a succes ont．It is sand thatly affecting his already haging himself he attermpted spierde on haging himself，but was unable to earry $+\mathrm{F}=\mathrm{O}$ m
wore of Thursday week the shaft pillars noar ture foulad No bs on of the Rainford Coal ato the dumpesst shaft，And eight men water Yting neat the burning ；eaven of the number upon them，by the revergal of the of them hare inficted such berere rfented to recover．A still more singular amozements by mon were left in charge ribert down upon the flames，the alag went wroug，and the platiorms of a diped，as they，thought place being alated thene of about 2 feot，but thoy iom of the suatt is 60 or 70 yerdg bollo the fre 18 extinguighed，The the inquest Wen it was staterplosion was opened Thingsore the bondies could be recovered jomman the inquiry．Ultimately it was anjured bquiry for a month Another and there is now only one survicolo－ n the who were emplay one survivor of in the tumat wore employed at the time of nderuded on Thursdisy The inquest in met Acovidental Doath，when found jury arome a＂romown ant gradual accumu－but
lation through deficient ventilation，or from a madden was no evidence to shom from the body of the coal，there

## 致號

Ther Inisy CHuthce．The Erecutive Committee meeting on Saturday，Sir Edward Grogan in the ohair nising opted a series of resolutions in favour of orge nising bin once an extenive plan of deputation to tous questions impanding and to topople the momen－ the delence of the iming，and to tare other means for advised the branch associstions to Another resolution their several localitios for obtaining sisnaturns in petition and declaration，and also for collecting funds ind oalisting the co－operation of the clergy and laity a suppor of the movement．The last resolution dechared that the proposed disestablishment and dis andmeat of the Estabished Church in Jreland con－ tained the seeds of incaleulable disaster to the country and thatit is the duty of the lrotestant daity to resist it as arievous politioa mistake，an injustice，and o w rong QURDINAL COLIGEN ON THR IRIEFE CEI＇ROE QukBTION，At a meeting of the National Association on Tueeday lettors were read from Cardinal Cullen and a ny comper of Roman Cathoilo bishope，declaring afailust thorourhdisestablishment and quastion，adad clamaing THE REGIDK DONUM．－The suthoritay of the Presbyterian Chareh have been officially informed the the olfice of distributor of the Regum Doum whivin Wes held by the late Dr．Cooke，has bean abohshed a that tha stipends will in future be paid through tho
Coush Of TEE FRNIAN Corvict CobTarlo．－The Court of Queen＇s Bench have sranted a naw trial in the case of Augustus Costello，the Fenian convict，on his assignment of error on the record of has conviction at the late Speoial Commisvion．The argument is to commenos on the s4th inst．

## Stotland

DEGTRUCTION OF \＆GLASGOW THEATRE－On Wed of Wales Thestre，it after the olosing of the Prinoe flames spread with it was found to be on fire．The flames spread with sreat rapidity，and torminated if been built within the lest 18 monthg which has only boen built within the last 18 monthe，

## glituaxy．


 Frederick Willam Smythe，We tho youngeat of the thres Elens




 of Boxgrove，Subay？
 from Corunna toak part to the who on the nilght of the retreat roum Corunna took part in the burnal of StiJ，hn Moore．Ho campatgh Ho we the liventior of msiny projectiles of great

## fearkets．


 price．Frult and Vegetablon are abundent，and prion higber gopt up limadre Grabe are aburdant and priond barely
 of Reinotio do Bordomu and Dien Doone Apples from aro very plentiful，French Asparapina may now．lat kad，at



 mons，had Solanur Hearn mignobettion $P$ PRIIT．

 bl．GETABLES．
Cabbences，perdos，is int，juer bench，ofl to 8 d Carrots，por buach，if to 10 d Sushnoums，por putt．，is to
 Curamivers，each，Is to 2n Paralcy，per bunch，4d to idd
Endive，per doz，Is od to 2n Hotatou，Yort Regents，$p$ ．ton Herbe，por bunch， $2 d$ to $4 d$ ．－Mikes，do．， 1208 to 160 m



 Harrow School，and was afterwar As one of the＂Postrated at service being ape，Oxford．In 1845 La cinternd the diplomatic
 His futher died in $1 c^{5}, 5$, nud，his gecond bruttiet baving died
young，ho guceeded to the title wh the death of his eldest
 peerige of Btrangford，enjoyed the Engligh barony of Peas
hurst，which hat bean conferred on his father in recognition of his diplumatic services；bat these bonoura have Married，in 19C，tho youngeat daughter of the leto Admiral Sir Frands Beaufort，by whoma，however，bo hao no faraua this country has efer pruduced．His knowied efo of Oriental wogld have recugnised in hinn a perfect achalar，and in all tho dienecty，at wome．
Lonl IHAWke dicd on Fitag at Womersley Pury，near Pontefract，weri 6．r IIs lordibip，on the denth of his fother cone third harom，in 189 ，gacgeded to the thtle，which was admiral，He was born in 1799 and wha oducated at Eton He married，in 1821 ，the second daughter of Sr Jolnn Rumpden， and aflerwands，in 1848，the oldest daughter of the late Walter Featharstomhargh，Beq，of Ohaster－le－gtreet，and has issue one daughter．Hib lordebip＇s death was asused lyg 解他 in the thrown off his horwe a short tíne ago whflet hod from being to which ho was particulatly attachod，haviog boen，a sport than 42 omsecutive seatons manter to the Badswonth，athrine unparalleled in the amals of spirtin， 5 ITe is succeveud in the atle by his brother，Captain the Hom，Stanhope Hawke，wh has been for sume time so seriously ill that lititig hope in entor－ tanserd of his recovery．He way born in 1804 ，died bocsore
captan 14 the srusy in $18 \% 8$ ． ADMIRAL Sia LicHs Clurdo，K．C B．，Souior Adrairal of the
 residence atcorgewn ini，now the viliage of Conham，at a
very advanecd age．Ho entered the service in 17ys，and was
present it the rediction of the Isle of Bourbon，nad fin the the Lele of Franee．He was takon prisumer and kron off the Lule of Pranes，He was tukon prisumer ard kept for
several months in captivity Ho afterwards comananded frigates in the channel and othor atations Ho became Rear
 Grecnwich Ifompitu，died of Friday lut，at the gye of 96. He was the third scn of Mr＂harles Gurvion， ant kildmanaing，Abercieunhliro，he was born in 1794，and entered the mafy in 1．9月，no that he bad served for
cramary periud of ind years，hat was the thst
iowe，Lurd $\$ 3 \mathrm{Hd} j n \pi t$ ，and Lord St．Vincent，and hilur L of the Nile．Ho serve in the Weat Indien and at the bele and Adriatic；and commatuded the Activo frigate at the bastio Polagosa，in the the ane year，when Franch frigate Pomone，at Pelagosa，in the same زear，whon he lost a leg．He com－

THE CARDFNERS' CHRONTCLE ANJ AGRICTITTTRAI GIZFFTTE.
 and 960 Irom the Midiand and $N$ orthern Countles.
Best Scots. Herc.
Boct Shortionens 5 s. 2d quality Bcaats
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Do Shoms
 Wo haven gnod supply of Beasta, and trade da dull, conse-
nently prices are lower, and a clearatice cannot le cffected. Thently prices are
ere stull scarce and dear. Our forelgu bupply consists of 436 Beasts and 83 c'alves.
Bent scote, Here-
fords, se
Nest Nurthorns
2d nuality Be: 0 to 5
$10-5$ Beat Downa an Do. Shorn
Beasto, 1200 ; Silueop and Lambs, 5340 ; Calves, $152 ;$ Figge 50 . SEED MARKET.
We have had anaverage attendance of buyars on our markets doring the pa at weex, and a iairamout ormusiness doing. The rapidly tending upwards. New English Red Clover seed fis unusunlly small, nnd having quite a foreign appearanco From France the arrivals are kmall, and a large proportion o tho fminorts from that conntry in in reality German aced.
 for Clover need; under these circumstances it is not purprising tbat the med trifo rilles extremely firm $A$ syka and White For Trefofl we bare abetter demand An oxtensivo business

 Mustand kee ? Very dear, a lively demand hat Reprung bup fre Dutch year Rinners, which are being largely used in the place of lited Hemp seed are slow of beana, ne bave a brink inquiry for Windsor and Longoor dngeed. Kunigobery. There is a gool demand for feeding

$$
\text { MARK LANE, MoNDAY, Jan. } 11
$$

The supply of Wheat from Essex and Kent to this mominge hy the wenther: tho dry parcels were taken at the quotations of this day aernight, but the remainder was difficult of sale, ness transacted was limited, bit the aales made wero at ahoni
the priecs of last week. Malting Barley was rather easicr to prirchase, but grinding met a pood in atiry at extreme rates trade was steady, and prices unaltered. Flour remana as Frae prat imprrial Qrabter.

## 

 40and distilifg 31 - 33 Malting OATX, Essex and Suffik k and distiing 31 - 33 Malting
## 8cotch and Lincolnshro. Potato $25-33$ Feed Irish . ......... Potato $30-32$ Feed Foreiga .... Poland Brew $25-30$ Fed

RyE....... Fore....
 - Foreign.......... Small 41-46 Eqgypod Pear, White, Essex, and Kent . Boilers $45-46$ Stfolk Malze, $\qquad$ Grey 44-4
Floir, bentin

- $\quad$ dit dit

handed place Can have the fer yearrid yond clarject to a single-
(ARDENEE-Married, no incumbrance; experienced;





(TARDENER (HRAD), age 32 ; married,-mine Adver his sorvice. Aotive And thoroughly practical, with good olisracter in (TADENeR (HEAD) Age 42; thoronghly practical Colk, Daify, or Laundress, Several good referevies.-S, D. N. (YANENELK (HEAD), to a Gentleman requiring the

(TARDENER (HEAD) - Age 40, married, two children
 diengerged Fobruary i. Leaviny through emplojer leasing the neighborbood, T. God reforence for threa nid ath
( $X_{\text {brance, }}$ ARas a thorongh practical knowledgo of his profersion Including all kinda of Forcloge Fractical knowledge of his profesion
Kitchen Gardentng, Laying out Groundas, and Pinntinga and the Kitchen Gardening, Liaying out Grounds and PInnting and the
Manngement of Land and Gtock. Firat-class roferencos. W. T.



(YARDENER (Hzad), where two or three are kepto-

ARIENEN.-Age 19; areapectahle Young Man wishea
CAKDGNER,-Age 27, single; understands Forcing,
(iAKDLNEL, Age 23 , single; would take a place
Four dull and unchanger in Falue, Beans steady; Saidi, 41s. od. to $41 s$. od, Onts and Oatmeal quiet, at late rates.
Indian Corn glow at the decline of Friday last ; new mixed,



POTATOS.-SOUTHWARK, Monlsy, Jan, 11. Suring the part weok the arivals cosstwise and by rail The following are this day's quotation:- Yorkshire



WANTED, a PARTNER, who can introduce Crpital


D ANTED, a MARRLED COUPLE, middle-aged,

WANTED, A MARRLEU CUL"PLE , Ho objection to oftho LAUNDRY, Apply to Amine Hempresox \& Co., Pine-apple VANTED, a GARDENER and his WTFE, without Comn-Garden under 2 acres, twothtrod of Whichicis Lawn. The
 gufred No perron under middtie-ago Deed apply, Addreas Fín - 1 NTCED, an IMPROVEK, in a tirst-class Forcing
© HOPMAN.-WANTED, a Young Man, as SECOND tate whore last omployed and salory required.-Hit. Chase Counter. 8tate whore lagt omployed and salary r.

WANT PLACES.-Letters to be Post Paid. F XPERTENCED GARDENERS (or bs GARDENER

To Gardeners and Bailifi (Head, Foremen, or Under) ABES CAR'LLK AND CO, baving Many applications
for the Rhove requeat the thos WANTlNG SITUATIONS

 duna in reterence to testimoniala as to ability honesty, de.
(1ARDENER (HEAD),-Age 32, Imartied, no incumArnace ; threo Years' etaractor. Can be highly recommended.
Address, J. B, Jout Umine, Hayes, Middlesex.

TRAVELLER, TO the seed Trade,


To the Nurgary and bood ter

$\qquad$ I MPKUVEK-Age 19; where he wh



## $\mathrm{H}^{\circ}$ <br> ODiSEKEEPER (to a single Gentlemtin




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Are offored as a cheap and permanent subatituto for WOODEN and ZINC TALLIES for the Labelling of Plants in Pots, and in the Open Border, apd for angne Rowes, Orohidg, Ferns, Fruit 1rees, \&c. These Labels, unluke Wood and Zanc, combine perfect durnbiaty with a lastung legible inscription, and form an clegnat sdund
 Garden and Consprvatory for the yaming of Horticultural and Botanical Collections. are also invaluable for the labelling of Wine Cellars and for general uso in sirnatios ther materials are perishable by danip.
Commended by the Editors of the Gamienery Chronicle, and the Floral Commituer Royal Horticultural Society. (See Gardeners' Chronicle, July 11, 1868.)

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the paint is set. paint is set.
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[^49] of maces proposed to be Paved, will be supplied, accompanied by estimates of applioation, and Drawings, free of charge, of any of the Designs adapted to the given mind accompanied by an exact plan of the space drawn to scale, with all the diates of cost, including the expense of layiog or otherwise. Applications for Estinn
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Noy whe terns for arodit and for delivery at country

I1 $=$ ค CHETEON'S PATENT BUILDINGS for "Drichanticolitiork Patty.

- Votiliction whtout Morig Lighta"


Ph. eon hat mater free on applicstion. Doscriptuve Book fally


Ueard's Patent Non-conducting and Ventllating detallic Glass Houses.









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 E.




 Warohouse: 81, Mark Lane, London, E.C.
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 Muptyng tilis useful himplement to Her


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Large sheet bquarrss, 1603 , per 100 foek



 SHEET GLASS Is madd onit in
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 Linseed oil Spocial Dryers for this Palat.
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The above ino Net, for Onah, and wos molh conoot be booked.
BREAKFAST.-EPPS'S COCOA.



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THE "WORCESTERSHIRE," prnounced by
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IJTCKlI the rap otully mforms tho Breeders of


 and wilt the happy to supply any of the proplous Yolumen of tot © Buysham Comit, Ross, Il eruforisiare.-December m, 150 .

## Nesb1t's Practical Mersuration


 Mensaration of superticies Nemberntion of solids. disms, Embankmonta, Qungries,
Coat-heaprs and Mar-leapa The ITse of the Carpenter"s




 EY to NESBIT'S PRACTICAL MENSURATION, contaning Solutions to all Questions which aro not answered th
 London: Lotoxame, Grafen \& Co., Paternoator Row, C. E.
A FARMER, in Waltshire, wisheg to receive Two TUnis The sgetem is Corn, Sheop, and Butuck Farmilug 'Ierms



 THE SOCTET Y of PAINTERS in WATER
 WhLilam callow, Secrotary.

## 

The Covrt.-On Thursday, the 14 th, the Duke and Duchess of Abercorn grrived at Osborne on a vistt to the Queen. On Friday morning the Queen walked and drove in the grounds with Princess Beatrioe, and drove out in the afternoon, accompaused by Princess Lovisa and the Duke and Duchess of Abercorra. On Saturday morning the Queen walked in the grounds. The Earl of Kimberley arrived at Oshorne on a visit. The Duke and Duchess of Abercorn left for London. On Sunday mornugg the Queenand Royal family attended Divine service at Usborne. The Rep. R. Duckworth officiated. On Monday morning the Queen walked and
drove in the arounds with Prince Lennold and Princess drove in the grounds with Prince Lennold and Princess Beatrice. The Earl of Kimberley left Osborne On Tuesdiy morning the Queen went out with Prince
Leopold and Princess Beatrice, and drove out in the afternoon with Princess Louisa. On Wednesday morning the Queem walked and drove in the grounds with Princess out with Prinoe Leopold and Pringess Beatrice. On Thursday morning the Qusen and Prinoees Louisa walred in the grounde
The Princt and Prinesse of Warss arrived at Vienna on Thursday evening from Copenhagen and ber in, on their way to Trieste, where they will mhari nesser arrived at Osbotne on Yhursday mornin'g from Copeahagen. The Deke of Sutherland, the Marquis of Stafford, Colonel Marsh, Dr. W. H. Russell, Captain Sumner, and Count Arrivabene, member of the Italian Parlisment, embarkea at Erindlar fir Monday for Alexandria, to join the Prince ald Proncess in their Petverss C.
Princess Christiain may - The socouchement of
 more erounds.
AN Ordire of Mrkit for the Coloyits.-A deapatoh irom the Duke of Buakingham has been Orders of St. Mioblael and St in the statututes of the enlargement of its numbers, as will reedider it avyilibble part of her Majestys colonial mosesessions.
 Jameess, is lying serionsly ill at his residence, New THE BISHor or si to bome extent within the last few days is snid to thed a prearious condition, the affection of the heart from Whioh he iis suffering having beoome worree since his $T_{T E T} N$ Lrw
THE NEW CANON OF Worcestrp- MTr . Gladstone has ounfered the caronny of Worcesiot, raceant by the
 Shoreham.
Pabliamikntary Movements. - The deciaration of the poll for South Derbyshire gives Colonel Wilmot a ${ }^{\text {majorith}}$ of 33 over Mr. Evans, the numbers being 3511 to 3478.
Thr Election Petitions.-In the Court of Common Pleas on Thursday judgment was given on the quastion of the securities required for election petio
tions. tions. The question raised was whetber on a petition
attacking two seats, it was sufficient that there should be one security for 1000 , or whether two such securities were required. The Lord Chief Justice said thast the Court had found great diffculty in deciding What was the real meaning of the Act, but had unanimously come to the conolusion that one security petition, decides, of course, all others of a like nature The trial of the Norwich election petition concluded on Monday, when Baron Martin gave judgment that Sir Hensy Stracey was not duly eleoted. He con-
sidered that Sir Henry had not beon suilty of personal bribery, but that bribery by agency polioner, did and, consequently, does not obtain the seat, Baron Martin reserved certain questions as to costs, and also the question whether he should report to the House that there was reason to believe that extensive bribery provailed at Norwich at the last election. The trial of Justice Willes decided that Mr. Onslow Was duly elected, and that corrupt practices did not extensively provail, bat he considered the petition very properly costs, The trial of the Bewdey petition commenced on Monday before Justice Blackburn. BaronMartin will try the two Bradiford petitions on Monappointed to be heard by Justice Willes on Tuesd 18 The Second Division of the Justice Willes on Tuesday burgh on Wednesday refused an application by Mr Grieve, M.P., asking leave to appeal to the House of Lords against the recent judgment of the Court The Court held that the appeal was both incompetent and inexpedient. Major Walker has lodged an intimatiou in the Court of Session that he proposes to prith draw altogether his petition against the election and return of Sir Sydney Waterlow for Dumfriesshire hedace ketition to the judgment on Tuesday in the Drog daiy elected, that the system of intimidation and undue worth must pay the organisect, and that Mr. Whit petition commenced on Tuesday in that Limerick Baron Fitzgerald. The trial of the Dublin petition is fixed for to-day, and that of Cashel for the 11th of petitions will be withdrawn Athlone, and Enniskillen

## frotetgnt.


 armament rendered perfect, our arsenals and our magazine
filt $f$, our reserves well traned, the National Garde Mobile in
were as follows: - Monarchists, 223 ; Reppher
Absolutists, 15 ; doubtful, 10 . In M chical majority was more than 2 Republicans had a majority in Sevil
celona, Saragossa, and other citie Catalonia, and Arngon. It is ciide Aosta, youngest son of the King of Ital
be proposed by the Monarchista as a cand
throne. General Prim has ordered G throne. General Prim has ordered General president of the Senate, protested a tion in an address to the electora
Pezuela and Gasset have also been Portugal,-The President, their posts. The Duke of Saldanhat has te the King from Rome, declining the task new Ministry. The King has consequentl) the Marquis Sa da Bandiera, and instructee
present Ministers to continue 10 oflice that one of the first acts of the liniste dismiss the Chambers.
Monday. The speech from the Diek mas belief that the marriage of the Prino Sweden with the Crown Prince of Denser unite more intimately the three northera further announced that some new propose submitted to the Chambers in reference together with a Bill for the re-organizatio Army, and a loan of three million rix dollas way purposes. There will be no necessits increase in the taxation
night. His Royal Highnessal died on in changed for the worse since the lith inst Jenner, who bad been summaned from Lodim abandoned all hope on Wednesday the king is said Forkmen being engaged in filling nated by the 1st of July. MM. banker and Odysse Barot, MM, Jecker, the y
 bunal of Brussels to a month's imprison fine each, for having foupht a duel soms tume The significance of the judgment The sipnificance of the judgment lies in of Frenchmen choosing the territory of Be place of settling their "affairs of hono sion charged, on the proposition of the Rora priety of employing women in mines, has report, which expresses the opinion th
to be excluded from such occupations
Prossia-The Prince and Princess of Talest at Berlin on Sunday evening rom Prince of Prussia. Their Royal Highenesses their residence at the palace of the Cromi Pr Monday, at a chapter of the Knights o the Black Eagle, his Royal Highness ree of the order, which had formerly
Prince Consort, On Wednesday and Princess left Berlin for Vienna the North German Confoderation will co With Bavaria and Wurtemburg simila Baden, with the object of enabling
and Sonth Germany to go throu service in the armies of eilher Vort Coi countries. The ordinance confscating the pr perty of the King of Hanover whin come lome next week, as reported on by the Committet unaipilities preparations for the elections to the Hungar
The Roumanian members have announced to will fake no part in these election
 dividing the Bavarisn army into tho systen Forth German Confederation, has receivedt of the King.
Austrata. - The Prince and Princess arrived at Vienne on Thursday evening. The Highnesses were received by the Emperor st Fay station, and escorted by him to the paiso
sititing of the Lower House of the leethst Friday, the Minister of Finance brought forme Friday, the Minister of Finance on introder
for smending the tax on trades and
income-tax. The Minister of Commeth th German-Austr
HUNGARY,-The Emperor and Emph
at Pesth at the bexinning of February. It 5 Transylvania. The Hungarisa part agitating for the reabil of the doya
town. M. Szemere, Minister of the and President of the Ministry in 18 The trial of Prince Kara Georgew come publicly before the tribunals on ITALY-It is semi-officially denied Cambray Digny has opened negotrations or operation on ecciesiasuica
the Miniater to
means to remove the forced prrenc
Papal Statess. - Monday being the angup the establishment of the Pontifical
. His Holiness enjoys The Turkish Goveroment on Tuesday -
he reolutions of the Conferenoe, and
itb plenipotentiary in Paris to sigut the
 nerroes, was resisted by the blacks, and a sergeant was killed. The negroes were thereupon attacked by the that the blacks were organisiog to renew the attack the rebels in Arkansas had committed outraper tha Unionists, and that he had organised a moilitia for his protection, and had authorised them to subsist upon the properiy of the rebels. George
Francis Train, under the auspices of the Fenian Brotherhood of New York, delivered a lengthy the 5th in the cooper Ireland, and assured his auditors that he would be the President of the United States for 1872 . The steamer Gulf City was wrecked off Cape Look Out, on the five persous were drowned, and tbree were saved. Canada has been prorogued until February 25.
Cuba - The Government of Madrid has
Cuba.-The Government of Madrid has received telegram from Havana announcing the capture of insurgents were obliged to resort to pillage in order to obtain the means of subsistence, and were flying to the mountains. It is hoped that the insurrection will eny ordered all statues of Issbella and other Bourbon symbols to be removed from the public places in Havannah
Paraguay.-Further accounts from Paraguay state that the success of the allies in the recons and the, which of Lopez, was the result of a flank movement on Villeta, which is now occupied by the Brazilians. The war is generally considered to be at an end.

## ditp Entelligence.

Oyerend, Gorney \& Co.- At Guildhall on Friday, in the case of Overend, Gurney \& Co ., Mr Ernest Robins, a clerk in the Bankruptcy Court, was called, for the purpose of officially proving the bank-
ruptcies of a number of firms who, at the time of the ruptcies of a number of firms who, at the time of the
transfer of the business, were all largely indebted to transfer of the business, were anl largely indere firm, and whose liabilities were transferred, as valuable securities, to the limited company. Further evidence of a similar nature as to other cases Was
taken, and the remainder of the sitting was occupied with the cross-examination of Mr. Howell, the accountant, On Saturday the principal witness was Mr. Harding, one of the official liquidators, who gave
evidence of a long list of unrealised and valueless evidence of a long list of unrenlised and valueless mous sum, handed over from the old to the new firm is worth 20 s . in the pound. The hearing was then adjourned for a week. Mr. Harding in the course of his evidence stated that the liquidators had determined on the previous day to make aunadible to realise the remaini which will fall due in March next; and intimated the possibility that in August next a further call of some amount may be necessary to meet the promissory notes which fall due in September: The liquidators have since issued a circular announchag "flled a bill advice of emineat counsel they have ith a view against the directors of the company, he shareholders arising out of the purchase of the business of the 'old firm, and the mode in which the arrangements for offecting that purchase were carried out." The inquiry was resumed yesterday, and
after several witnesses had been examined, was again diourved to to-day
Mrrchants Company (Limited).-At the Marsion House on Monday Mr. Richard stiart Lane, Mr. Horace Edward Chapman, and Mr. Frederick John Helbert, three of the directors of the Merchants Company, were obarged with conspiring to defraud Mr. John Somerville, of Glasgow, Mr. Lhad, of Litchurch, Derbyshire, and others, by the issue of a prospectus, knowing it to be false. The case appeared to excite extraordinary interest, and the durke-roon was orowded during the hearing on Atter severs winnesses had boen examined fofendants wore admitted to bail-themselves in 1000l. each, and one surety in 1000l. each.
Money Market, Fridat. - British Fends: Consols closed at 93 to 931, both for Money and
Account; New and Reduced Three per Cents, $93 \frac{1}{2}$ Account; New and Reduced Three per Cents., $93 \frac{1}{2}$
o 93: India Five per Cents., $112 \pm$ to $112 t$; Ezehequer
 Egyptian (1864), $87 \frac{1}{2}$ to $88 \frac{1}{2}$; Ditto Rail ${ }^{2}$,
 IIt to 12; Mexics, 15 ! to 155; Peruvisn, 761 to $76{ }^{2}$
 Orel.Vitebsk, 80 to 801 . Nicolai, 661 to 688 ; Moscowt,
 Illinois, $92 \frac{1}{4}$ to 93 t.

## 3 fietropolis antil its Ficimety.

## the ST. Albans Case. -An Order ia Council on

 Court of Arches to the Queen in Council was published in the Gazette of Friday. After reciting in detail the report of the Judicial Committee, stating that Mr. Mackonochie ought to be admonished to abstain for the future from kneeling or prostrating himself baforecration, and also from using lighted candles on the communion table during the celebration of the Holy not wanted for the purpose of giving light, the Order announces that her Majesty, having taken the said report into consideration, bad been pleased by and with of what was therein recommended, and to oreof and of what was therein recommended, and to order that whom and carried into execution. themsetves accordingly." On Wednesday Mr. Mackonochie was served with a monition from the Privy Council, admonishing him to abstain from the practices condemned by the recent judgment. Mr. Mackonochie had previously addressed a long letter to the daily papers on the subject of the judgrent, in Which he are "outraged" by its injustioe, and of the "marked and delibera the decision is based cuts them off as ar the act of de decision is He says that they are to stand quiet, though in danger of being called upon to break their ordination vows on some matter which to the world looks trivial, though them essential, aud that "by a Court which has no piritual jurisdiction over them, and whose decrecs, matters spiritual" He calls upon Churchmer to "begi at once and stick to the work of insisting upon properlyconstituted ecclesiastical Courts, in which Clurch
aw may be impartially and equitably administered by men really learned in the matter on which they aro called to adjudioate." Mo says that the conviction is gaining ground thet the time has come for the Church and that the union of Church and State is an int" "hat right," he says, "has the Spouse of christ to ally herself
with the powers of the world? Surely to do so is to her Lord has so often marned her." He calls upon the a dise " wadly avery power to obtain a dissolution or this ungodly thay will begin to feel as a body, and not merely as individuals, that they belong to a kingdom which "f not of this world." He concludes by saying that it is a great blessing to find that "secession" does not appear to suggest itself to the muds of people generally a possible solution of the present difficulties, and take courage out of defeat, and rally themsolves in hefore them-freedom for the Churels of their fathers, At All Saints', Lambeth on Sunday tho Rev. Dr. G F Lee, on enteriug the pulpit read the following protest against the recent judgment
haring in ming Frederick Leke provistona vicar of Magna Clis Saints', Lambeth, and the terms of my ordimition, o bereby solemnly proteat ngainet the eaid fudgment, and ayginst the iraposition of pains and penalties
The altar lights and the use of incense were discontinued at St. Mary Magdalene's, Munster Square, and ing and prostration by the officiating ministers after the consecration at the latter church as well as at All Saints', Lambeth The Rev. W. J. Bennett, Mat vicar of Frome, the leader of the party who intend to resist the decree of the Judicial Committee has issued statement of his views, and invited all who agree with him to join in the following "declaration:
"Wo, tho undersigned priests and deacons of the English
Church, yielding to nooe in deroted loyaty to hee Majeity
ecclesiinstical and civil supreme, are noverthelesess constrianed,
by prior obedience to the Catholice Cburch of Chritt, to
by prior obedienco to the Catholic Cburch of Chrit, to
repudisto the anthority of the Court of the Judicial Com-
mittee of the Privy Conncl, which bos lacely
jurdgnient in regard to the rites and ceremunies of the Church.
We fecl oursel severnit rhurches thoes intes, ceremionice, and nisages of the
Primitive Church whi puraly secular and contrary to the English constitution.

Archdeacon Denison, at a meeting of the clergy
at Taunton on Monday, at Taunton on Mondaf, expressed himself rather Be said that he was an advanced Ritual ist himself, but it was impossible for him to understand how men et refuse to obey the law. This had led him to draw bimself quite clear of men who would not obey the law. He would not say, "This 13 the law, but because
it is against me I will not obey it." 'The Archbishop of York has sent the following reply to Canon Trevor, who made inquiry of his Grace respecting assertions which had been circulated as to the opposing votes, the neutrality and the castiag woice of certain members of the Judicial Committee at the recent sitting:-
 the judgment of the Privy Counctl in the Meckonochio case
Was arrived at. Tha whole story in an fivortion, with no
ground of truth. More you will not expect me to
Bey. If II

Tam, ever Case of thr Rev. Mr. Bennett.-The report of the commissioners appointed by the Bishop Bennett, of Frome, has been sent to the Bishop of Bath and Wells, and the case will forthwith be sent, by letters of request of his lordship, to the Irches' Court. both the curates of St. Mary's, Soho have been received into the Church of Rome. The junior curato Teces ordained only on last Trinity Suaday.

The Balzor. - A meeting in support of the ballot 4 results, there was an end to anything like discipline in Was held on Fridas evening in the great hall of the in the obnir. About 700 persons were present, inoluding Messrs. Buxton. M. M.., Hardcastle, M.P., Onslow, M.P., Holms, M.P., Reed, M.P., Fowler, M.P. openinc the proceedings, said that the Chairman, in the suffrage bry llucing votes in the hands of many who were more helplesy than those who possessed the
sufrage before, and having shown confidence in the people they were bound in commom justice to protect,
thenen in the exercrese of the franchise. Mr. C. Read,
MPP ${ }^{\text {N.P. That }}$, moved the first resolution as follows :-
 many porrons expected) tho fantimidation and corrupt pric-
tioes whech bave alwiys been, murc or less, atterdant upon our present gystem of otiog "
This resolution was seconded by Mr. Richard, M.P.,
 moved by Mr. C. Buxton, MP, seconded by Mr. G.
Onlow, M.P, supported by Mr. Beales, aud carried
unnom,


 tho only maans of preventing thio recurrence of thooe evils Other resolutions in acocordanco with these were moved and seconded by Mr. Hiolms, M1.P. Mr. A. Arnold,
Mr. II. Cossham, and Mr. Fowler, M P. A ater which Mr. Ashworth, of Roochdale and second ded by Mr. Canning
ton, was carried by auclamation. THE Movvasert To SIB Riciard Mave. - The total sum subscribed by the metropoltan police for the erection of a monument to the late Sir Richard Mayne,
Chief Commissioner of Police, is 574 l . 18 s . 9 d . The Sollowing letter has heen addressed by General Grey to the Secretury of Sinte for the Inmme Departuent- "Tho to


 arrived at Pymouth on Wednesday, has brought
among her passengers Captain Duviop, wife, and child, Empire, whioh has been lost at sea. They wero taken Madeira The Dane has also brouione, and landed at Captain Anderson, of the ship Sir Ralph Abercromby. Crom Lindon to Yokobama, which foundered ofl Tristan D'Acuahs on the stiz of December. The brig Hannibal, arrived afew dars sincain Liverpool from Ceara, and reported that on Christmas Day he
apoke the America, bound to New York the apoke tho America, bound to New Yorks the crew of
which hailed that they had on boord 39 of the which hailed that they had on board 30 of the
pasengera and crew of the Hibernia. The weather was very stormy at the time, and it was with dificiculty that any communicaton could be kopt up between those on board the two vessels. Captain Gylea
understood those in the America to say that they had got on board 33 of the crew and passenters of the shortness of profistons and want of accoinmodationhis vessel being a small one-he could not take the Whole of them on board, but he offered to take 1t, but as he could not take them all they preferred staying
to gether and proceding in the America to New Tork. Furtber details are anxiously looked for, as there are some reasons for thinking that the picked-up crew which left Quebec on the loth of November. It waia hoped that some of the missing crevr and passengers of mail kteamer, which left that island ou the 14th inst has broughs no news either of the steamer or sailingvessel of that name. The Court of Ynquiry into the the following effect


## roman Catholic Prisonfers in Metropolitan

 Prisons. - At the Court of Aidermen on Tuesday the mininter attending the City Prison Homan Catholl for aocess to the registers, for leave to hold Divine service on Sundays and holidays, and for free admission at all times to the cells. Alderman Cotton predicted called upon to furnish a pool for the Baptist, a barem in the Mormon, and a danciog circle for the Shaker. instruction of prisonerzied fulily for the religious instruction of priconers and respect for thair peculiargaols. On the motion of sir T. Gabriel, the matter was refered to a standing committee. At a meeting made br Mr Beshew that Romarsay, should be appointed for Westminster Prison at 2002. ner annum, for Coldbath Pields at 250l., and for the House of Detention at 50l. Mr. Sergenat Payne moved an amend ment that it was unneoessary and inexpedient to entertain the question, which was carried, on a Devse Fog ix The Metropolis.-On Monday a heavy foz hung over the metropolis for the greater part of the day, causing several accidents in the
streets, almost entirely stopping the traffic on the river, and creating great inoonvenience to trade, placess
of business having to be lit up ail day. About noon it of business having to be lit up aill day. About noon it was impossible to discern objects more than eight
yards in front The traffio in the streets was carried yards in front The traffic in the streets was carried
on at a walking pace; and cabs and other vehioles appared with hamps lit.
The late Case of Sending Disfased Meat to THE LoNDON MARher.-On the 4th inst, Mr. Dodd, a
farmer. of Norfolk, was sentenced by Alderman Finis farmer of Norfolk, was sentenced by Alderman Fionis
at Guildhall to a month's imprisoument for sending the carcase of a beast to market in a state unfit for human ood. It was atated for the defence that the cow was not organically diseased, but "blown," by eating turnins, and that the head, tongue, and heart, were bought by the shepherd and yardsman, and eaten by Mr. Dodd was amiles. The Alderman saia cana whom a fine would be no punishinent, he felt it his duty to send him to prison for a month. Mr. Dodd's friends, and the farmers of Norfolk, considered this sentence so severe as to constitute an injustice, and accordingly presented memorials to the Home Secretary, sigued
at Norwich by 74 landowners, farmurs, and tracter including Sir Robert Harrey, Bart.; SIr W. Bage, attention to the faots, and praying a remission of the sentence. On Tuesday the Home Secretary addressed a cony of the depositions, be dectined interfering in the The Convict Williay Roupell. - William Rouneil, who way convieted of forkery, and sentenced to penal servitude for life, hass been liberated on a ticket-of-leave, on the ground of his daurerous condiHon of health, lrouuht on by confinement.
$H$ IGHWA R ROBEERY ON
Highwar Robberf on tim Nobter Road.-On Saturday week about half-past 5 P. M., Mr. Shiriey, a
martuer in the firm of Smith $\&$ Co,
 at Barnet, was stopped with his horse and gig, in the
neighbourhood of South Mimms Church, by thre young men, who robbed him of $45 l$. It was afterward ound that three men answering to their degoription ordered a ivery stabie at Barnet about six o'clock, and as the horse was harnessed they drove as far as the Archway Road, Highgate, where they discharged it
and walked in the direction of Lndon and walked in the direction of London. Three men one of whom was formerly in Mr. Shirley's employ Lave been apprethended on suspicion
Tge Public Healith- - The liegistrar-General's weekly return states that in the week that ended on Sasturday, Jan. 16, 4582 births and 3261 deaths were registored in London and in 13 other large towns of the United Kingdom. The annual rate of mortality in London, 27 in Edinhburgh, 21 in Dubling 20 per 1000 20 in Birmingham, 30 in Liverpon, 26 in Manchester, 33 in Salford, 25 in shellield, 24 in Bradford, 31 in Leeds. 25 In Hull, 29 in Newcastle-upani-"Tyne, per 1000 during the week ending the 9 th inst in London the births of 1179 boys and 1091 kirls, In tie corresponding weeks of 10 years, 1859-68, the average number, corrected for increase of population, was 2192. The deaths registered in London during year, and the 130. It was the $2 d$ week of the year, and the average number of deaths for that week,
corrected for increase of population, was 1830 . The corrected for increase of nopulation,

## 3robinctal.

Bewplef.-At the sitting of the Court for the trial of the election petition in this town on Tuesday, there Has go much pushing to gsin sn entrance into the
Court that the police-officer on duty was ornshed and had to be removed. It was announced on Wedresday,
at the sitting of the Court that the Who was sufering from disease of the unfortunate man Crpsteprins he received.

## Cifesterfield --There has been noother death from

 the boler exponion at the colliery near Clay Cross who was standing in the firc-hole of the proprietor, ancident, has died from the niuries time of the Three deaths have now resulted from the secident, and fourth man is nont expected to recomer.nen killed by - The adjourned iaquest on four of the Son's gunpowder works, was concluded an We Hall \& when thp Jury found that they died Wednesday. reoived by the explosion in the presss-house while the foreman was drving out the connecting-bolf from the to prove how the spark was drawn which ignited the the works should be gergested that the supervision of seemed a little neglect on the part of the mata, as there KNabrsborodar--Sir Chantes Slin men.
shoot hum as they were shoot
It appears that Sir Charles had
to do tenants
to-do tenants from gardens in
men, with the intention
really needed a patch of letting theer lo to tom borough, and that the letter reterers to thd to seems to think it incredible that
should ever think of shoting a lany
this. 'rhe document he has inazo
"C Slingsby, you know they are'
lords in Ireland. I have got arny
is 'thume' you had yours. It
is thme' you had yours,
your mother. - A Fenian."
matter public, in order manly to
serving the notices
LBWES.-The execution of far
murder of Daniel Baldeg, near Bry
and shooting him when returnung h
night with his week's wages, took
gaol on Monday. The culprot mad
Which he stated that he had shot
for a shenperd named Tuppen, who had,
about his going after some rabbits.
penitent, and his last moments were mes
ness and resignation.
officials of the conaty and priss,
that quest as antwards held an
the legal warrant.
Liverpool.-The liquidators of the made will not enable them to drday tha labilities, and that another call upo
must be made and met before the affir can be wound up. It appears that
yet to pay, and ouly 41,500 . na hand
et to pay. and outy 41,500 . na land. Wo 4 hal nom
F. R. Grey, reotor of this parish, in the oiver :
sermon referred to thise "
the Judicial Comunittee against the Re whan said that they would now preach more st than ever the doctrine of the Real
and he hoped before long to hear the length nad breadth of the land. As had uttered these words he was assalled wo prinesponal memberson," of the curtigreazat sents and lelt tho church. The in
deal of discussiou in the town. and
that a publlo meeting will fiorlij
matler puble meeting
Norwich.- Sheward, who sturds
own confession nith the wifful nurde
This city in 1857 , was argain before the n Wednesday. The evidence threw no whose ret between the supposed age
wile, but it was proved he was intiuxte waic second wife before the desth of the firit. The an gain adjourned.
PobTssiov'ri:-A court-martial was hild on he Victory on Monday, to
botham, of her Majesty'
negligently performing his
on to 2 zith November as to do
whereby the barque was sunk, and
drowned. After nearly an hour
proved in that found that the charge and take proper measures for clearing the do
but, takiog lato considerat ton that this
octasion on which he had been placta
Watch on board the Crocodile
officer and a seaman, the C
lose two years' seniority
lose two years senion
severely reprimanded.
STaFFord - On Sunday morning a fire brovery
Beaudesert, the seat of the Marquss of angle threntened the total destruction of ins housemaid, having occoasion to go into bedroom, discovered it to be in Hames. sided by the tenantry and others in the the fire wos extinguished in the co some room was panneiled, and onall nictures were damaged, und m articles belonging to her lady shop were TAUNFON. - The visiting prison have found the convict Whinam Blise mendation, he will probably bo remore
Monday the for con vict lunati
Monday the Right Hon. HE.
Renfremsliire, addressied a
this subject.' He sald -
 lint. He put it to the mineetngrg if


a. $i$ he would hase been acting an unworthy mart 1 i, is account of any fear of ofence to

## Irrlatro.

The New Lobd-Liet TEAANT.-The publio entry Fan Spencer, turdar but the unfavourable Dubin a on suturday with the spectacle. On Tuesday sere presented to his Excellency by the the Corporation expressed the hope that his ofico would be marked by measures of conciliaharminus amons all classes, and that it would anmpint of a new era in Ireland. It also
at an ampesty of the Feman prisoners would thas an ampesty of the Fernan prisoners would
aoch andisfuetroa to the country. His Excellency, that Enghand desired to mete out to
measureof justiceasshe herself enjoyed, measure of justiceasshe herself enjoyed, arrying out such measures as were and personal liberty. The proposition of an , he sadd, would receive the anxious attention seroment
Tue Frinan Convicts.-The Dublin Corporation dedeputation to London to present a petition
 ben offered by the Government for information the discovery of the murderer of the

## Scotlamu

 thet the Earl of Home will be appointed to Emprbrgall I' vivissity.-On Monday the Right Jame Moncreiff, the Lord Adyocate for Scotland, i. lord Rector of the University of cer mony took place in the Music
in the presence of the students of the a large company of ladies and qeatlemen add of Trade and Bottle - Nosed Mr Alexander Drew, of Nairn, and Mr. for of the Board of Trade. Mr. Drew for clearing the seas of bottle-uosed In uletter to Mr. Bright he said:-"I bes attention of your great mind to the subject, that it may be satisfactorily solved for the public the enterprise, so as to induce partios to enter centure, which I have no doubt whatever fur nufuence writh Parliament to thd that you tatronise the laudable object in viest of these pests, which are depriving our their living, by devouring and - "I do not think of the fish." Mr. your facts are for the purpose to which gace some of your fishermen to make the isherman succeeded, and yoa call them? would follow and and the renture "would follow, and you would not need and he "Ir. Drew did not accept on contracted view answer:- I think ropose-the clearin the great nationat cmin which have bean feaskne in those n extent, fastine three kingdoms have been, You to our fishermen believe that it is a take a long training hon to learn the ect I propose would be a company, but that would be useless by the Government offering a small re a stimulus for other companject, lation to Breduco thation. As I see it if there were any redundancy it heir enermes to the undertaking, and com M1. Drew elicired the follovino Calcralt, the private secretary:-"I 2bth of December transmittin upon the bottle-nosed whale."

## Tailmays.

Putz aud City DNDer Oxford STREET.of mion, in concay has been abandoned
 ATheme by the Oxford Street to
app
Boc
kno
mal
184
181
-In the fog of Monday a fatal scecident took place at of a coal train from Holloway to Knes' Cross was unable to see the signals, and ran off the line to the siding, dashing eventually, at the rate of 20 miles an hour, against a brick wall 10 feet thick. The engine was knocked to pieces, and the driver and stoker were kulled on the spot. The guard in the van at the end of the train jumped out and escaped with a few bruises. Collisions on the Nobth London.-On Monday night as a train from Broad Street to Bichmond approached the Acton Junction, the driver failed to to perceive, in consequence of the fog, that the Kew and 13 road Street live, when the Brond Street train to Richmond dashed 1 nto its centre. The shock to both trains was very serious, and great damage was done to the carrages. Sis ladies and pentlemen, who were riding in the first-class carriages of the Kew troin Moreinured, but not to a very serious extent. Mrs Brogd Stho was in the carrage dashed into by the lying in St Gean, hald both legs broken, and is no another collision on this line took place ot the Watham Green Station between two trains, by which gevara passenger carriages were shattered and overturned, and procured at the station for the wounded passenvers who were despatched to the r homes as soon as possible. COLLISION ON THE (GBRAT NORTHPRN. - On Monday afternoon a collision occurred st the Ardsley consisting of 30 wargons was emerging from a siding at the moment when a London fast train was running past. The engine driver of the latter laid lumself on the plates of his engine, while the fireman jumped of disastrous in its eff cet upon waggons and materral, but neither engine-driver nor fireman was seriously hurt.
dTtempt me Bren Stetion-at the Ied Town Hall on Friday a young man named John Clay who said that he came frow Clerkheaton, was charge prisoner was sentenced to be imprisoned with hard pribour for two calendar months.

## 刍 10

Cextrar. Chimixal Court. - The Bamabury Murder.
Geovye Campbelt, the young scotchman clanrycd with slooting a fellow-countryman at a Christmas party Bt Barnslury, was acquitrod on the capital cliarge an 1 fund (iuzty of man Monthe hard lahour, -The Leicester Spuntre Firc. Joseph MM
 - Willo. Ball and Tr thrma R. Her. two chive whe found ing a forged cheque, and were sentenced-Ball to lly years' Midolesex sessoovg.-The late fito
Police.-Willzant Summers, 30, Benry Smith Burglars on the Benzett, 20 , wair chargod with assaults on several polioo antempting to commit burglaries in Percy Circos It will be remembered that these men wero well-known burglare, who penal scrvitude. but yid bcen released on ticketaur years The court sentenced summers to five years' penal servitude,
Bennett snd Smith to two years' imprisonnient, with hard la bour.

## Eporting.

The Case of Day $v$. Rove. - Stice the death of the Marquib of Hastings Mr. John Day has withdrawn the action brought by hum against Admiral Rous, who has consequently with
drawn his letter pahlishad in the Times on the 16 th of Jume with an intimotion that ho
in desiring it to bo published.

## 80bituary.

Sre Henry Eurta, R.E, one of the oldent of our publio servanta, who held for nearly 30 years the post of Principal Bedford Square, in his pod yuar. He cume of an oid Yorkshire ismuly, and wha born in 1777. He received his early education at Merckant Taylora' School, whence In due course ho passed
as a scluclar to St. John's College, Oxford. He tool him degree as a sclucinr to St. John's College, Oxford. He took hindegroe which, howover, he vacated before he bad held it mauy yeap,
by tis narringe in 18vJ with Frances Jang, daughter of the
 for many yerrs wh one of the most aetive officers of the
Somety of Antiquries in midale life he was indefatigzble
 Notes and Hilustrations, mainly from the autograph originals
In the Britsh Muselize, the State Paper Offes, and other
so interesting jepertory of important facts, which his industry
ing linought to light. He was also the responsible editor ofth
onlarped editwo of Vugdalo's "Monasticon Anglicanum," in
 several volumeen for the Record Commisetion, and edited publications on the biatory and antifuities of Engignd. Ie Warce circle of attacheded, both in the Muevuma and among a faduztrious of antiquaries. In recognition of bis liternry merit.





#### Abstract

1854: "A Yacation Tour in Brictany"   pamphlots on Nubjocts connected with Arctic explorationa pampblots on bubjocts connectod with Arctic explorationa, Ho took an active share In the arrangement and mana foment of tho Phlosophical Departreent of the International ExhiExition of 1862 ; he also represented this country at tho Pari Exhibition as one of the Assistant Comrsisaioners, and pro- duced an elaborate Report on the Horological Department.


## ftarkets.

## COVENT GARDEN -Ja

No chango of any fimportance has taken place. Kent Copt
are still in request, and command a good price. Fruit and Yegetables are abundant, and prices harely kept up. Almetr Grapes aro excuedingly fine, and worth from 8 , to 10 Dona 50 . per cask, Reincte de Bordenur and Dior per cask. Uranges are very plentiful. Fromeb 128.6 d . to 15 sparagu may be had, at 15s, to 20a, per bundie. Gery fine Oniona frome fur bast camples, of which there is etsto trado is dull, excep for boat eamples, of which there is a scanty tupply in genaril, quality from Belgitum, reakting 90s. per seone bage of about 110 lb each. FIowern chiofly conaint of Primulas, Hyecmeht Tulips, Heaths, Mignonette, Poinsettias, and Cyclamens. FRCIT.
Apples, per buahel, $4 s$ to $8 s \quad$ Melons, each, $2 s$ to 48


## VEGETABLES.




 Horso Radibh, p.bund is to 万s - Shaves, do, 120 a to 180 m leeks, per buach, 2d to 4 d Seakale, p. punn, $2 s$ to $8 s$

## HaY.-Per Loard uf 36 Trusses gintayeld, Thuradey, Jan. 21.





| Inferio | 5 | 90 | Inferior do do. | 65 | 105 |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Prime Now Hay | .. - | - | Prume 2d cut do. |  | - |
| Inferior |  | - | Now Clover .. |  |  |
| Straiv .. | 28 | 33 | Inferior do. |  |  |

##  Walls 13.

METROPOLITAN MEAT MARKET, Jan 23 .
Best Fresh 1,
Seecand do. $\qquad$ to 5 s . Od. : Large
Pork, 30. 8d. to
HOPS.-BOROGGR Manket, Jan. 22.
Mearra. Pattenden \&s Smith report the trade qufot, quota tions being nominally unchanged. The st

## ENGLISE WOOL

There has been a brisk demand for wool, and pricels in
mast inatances must be quoted id. dearer. Coneumption if going on freely, and with peace, and every prompect of a doa
 Flesecns-Southdown hogget

Kent Floceds
Southdown ewes and wothers
Leicester ditto
Forrw-Clothing $\qquad$

POTATOG.-EOUTHWARR, MOMdBy, JMR. 18
During tbe past week the artivals both coastwise and by extremely dul, and second rate sannples were neglected The following are this day's quotations, - Yorkshire Lothian do., Regenta, 20 120s. to 90 . Perth. ; Dunbar and Eas 60s. to 110 s . ; do. Racks, 60s. to 75 s . ; French and Belgian

## LEADENHALL AND NEWGATE POULTRY, to

KHUBSDAY, Jaty. 22.
Trade dull: bupply ingeneral good, but a singular deficfency of Suglish Ducis and Geene.
Geese, F
Gobling
Turkeys
Turkey
Ducks
Witd Dugl
Surrey Fowlis, couple
Do. chiclkan
Partsidges.
.. erech I O- 18 Poraiga do
Fresh Butter, 1s, to ta od, per Ib.
METROPOLITAN CATTLE MARKET.
The supply of Beasta is rathor larger than on Monday last choice Englinh Beasts are not very plentiful, and find pure oarly almanoe fir amiectod at higher mites. Calves ary ; an

THE GARDENERS' (ITRONICLE AND AGRICULTCRAL GAZETTE
 Hidand and Northerra Counties.
Best Scots, Here-
 Beast shorthorns 8d quality Beasta Halt-breds Do. Sloman
 Wo have had a short supply of Beasta, traile is rather briak; prices for all Binds are quite as good ns 3n Monday, and in a few instances are excceded. There is a Inir average supply of Sheep: the demand is protty grod, and average rather lower, still, for chioce qualities prices are
ifgh. Our forefgu aiupply consigte of only 158 Beasts.

 2d quality Beasts 3 4-4 $0 /$ Do. shorm
Half-breds
O. Shorn

Beaste, 820 ; Sheep and Migs
Firmness of tone contind MARKET.
Firmmess of tone continues to characterise the agricultural need trade. New Bnglish Red Clover geed in much jnquired for, but choice qualitios are exceadingly scarce, and for the
fow parcelin on offer erery long prices are ememander. It is now quite orldent that the quastity of horne-urown Red saved is very
therecent adivanco: yearling, fand, indeed, nll descriptions of
Red Clover sced, aro beld for more money. Trefoil teed Red Clover seed, aro held for more money, Trefoil seed
exhiblte an improver ent beth in demand and value. Alsike and whito Clover seed are in invint aiteration. For new French prices on the other sido are rapidly advancing. There is pricell speculative inquifry fur Fracheh santooin seed. Kreniga berg epring Tarea are still very searce, and are noted 28 , par
 For feeding Lingeed we have a rendy sale, at linte currencles. Canary, Hemp, and slaw seed meet with asteady sule at tilure to realise hifh rates. The London beed trade now exhibits oach week increasod activity, and a husk buqiness is
shortly anticipated. Our latest advices Irom New York кperk of Red Clover seed betigy in short supply and improved deman

## Mark lane.-Monday, Jan.

Tharo was only a moderate supply of Fnglish Wheat to this moruing's market, the condition of which was much affccted chasers, and a portion only was dieposed of at a late hour, at a decline of 3 n, to 4 A , per qr. on the highest prices latoly current.
There was a fair ntteudince, but no disposition shown to purchase forelgn whent; the fcw offers made were at $a$ reduc tion of 2s. per qr , with which factors generally were дo willing to comply. Malting Rarley was 23. and grinding 1s. The Oat trade was quiet, at a decling of 6d. per qx. Flour Wab very dull



 OATs, Fssex and Suffolk . Fist distilling 20-31 Malting ATs,

Rye ...... Fo......
RyE MEA, Foreign.
BEAN\&, Mazagan...

 Eas, White, Essex, and Kent. . Boilers 45-48, SuIfolk

 Fridat, Jan 22.
The business in wheat bas been slow, and the condition homoogrown bing much affected by the weather, wo have to but farmers bave in some instances resieted of this kingdom withdrawn their sumples. Malting Rarley was dessinc, and than of late, and pricos were 1s, to ses, perqr. asaingt hollers Peas, and Oats found but littlo attention, at a amal

boyers for fayrived Wheat, ow great portion of which pethition be
 lower, both articles closing somowhat frmer. Cargoes $g$ Wheat lias been literal, but the demand bas somply of
 the Have is estimated at $11,203 \mathrm{cwts}$.
have arrivals of all grain and foreign Wheat this week There was a fair attendance at this morning's market, and was Leld for the extreme rates of that day, sud the busines done was not extensive. Spring Corn was Arm without bange in value.

|  | Wheat. | Barley. | Oats. | Flour. |
| :---: | :---: | :---: | :---: | :---: |
| Englifh . | 480 qrs . | $530 \text { qra. }$ | $960 \text { qus. }$ | $150 \mathrm{gkg} .$ |
| Forefigu.. | 2370 , | 6300 " | 26,940 | $\{2310$ brla |
|  | 2850 | 6830 | 23,480 |  |

Livmaroon Tuesday, Jan. 19. - We had a fair attendance a
(GADENER (HEAD)-Age 31, married, one child; mranches. Can be wighly recommended Three jeass in last all tua CARDENER (Head), ape 32, marricd. -The Advertiser

CARDENER (HEAD).-Age 35, married ; practically Forcing, antso the 3 Madakentemt of Gras Land If requireca. - W. K .,
CARDENER (HRad).-Age 26, married, no incum-
 Kıtcben and Plower Gardening, Can be well recon
present emploger-A. B, Dutorlan, Tunbridge Wells.
GARDENER (Hrad),-Age 40, married, no incumbremehance Five years' charator from a oentuaman where bie he had tho Manacenent of FIrritcluas Garden -Hoarce, Mr, Siley,



 (TARDENER (HEAD, or Single-manded) married.

Gardensi ${ }^{\text {To }}$ (Head Nen and Gentlemen
CT to any Nobleman or Gentleman in wid and BaILIFF,
 GARDENER (Head, Workino)- - Age 27; thoroughly
 GARDENER (HEAD, WORKING), age 28 , married,
 -E. W., Lilford Ha Mo Ounalle, Northamplonstire.-



CTARDENER.-Understands erery branch of








$G$ ARDENER, or GARDENEQ and BAILIP?

 $G_{\text {incumbrance: }}{ }^{\text {To }}$ Noblemen and Gentiemen
 TOREMAN, in a Nobleman' or Genden Peelkana, S. E . FIOREMAN.-Age 26 ; several Yearr' erse Mr Jobemenne Gardons Tw
FOREMAN.-A young man ; mine
N. B., stanley Bridge Post Omce, Fuhanm, , w.
DROPAGATOR, or FOREYAN


PROPAGATOR, \&ce in the Glass y yph

PRUPAGATOR art GROWER (LADDOB

B aILIFF, or FORESMAN. -A Age 39, mamt


BALIFF, - Age 32 , married; will
 TMPROVER in a Nobleman's or Gentleman' A. H., The Garteng, Haverlabd Hal, Xormel IMPROVER in the Houses, where Frut an

TIRAVELLER, in tbe Nursery and Sef
Hurte $\&$ son, 6 , Leadenhall street, London, EC .
To Nurserymen and Flortian RAVELLLER -HIs represented one of
Housea in the Tmde, nnd poseases ar exter
 To the seed Trade
SHOPMAN, WAREHOUSEXT, or
A Young MEn, having seren years expertene of
 Mr. John McIntyre, io, Primces Streot. EAIIDourgi -

To Noblemen and Gentleman CARPENTER (HPAD), - An Experier

 CLERK, or otherwise
 To the seed Trace.
UNDER SHOPMA: CHOPMAN, or
Sydurest, orpriface
Lyants. COWMAN, \&C.-Married Man, no incuump
 Nico youri daracter. J. II, Posi Ompe , Wan



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SATT'RDAX, JANUARY 30, 1869

## HENRY ORMSON,

## HORTICULTURAL BUILDER AND HOT-WATER APPARATUS MANUFACTURER,

STANLEY BRIDGE, KING'S ROAD, CHELSEA. LONDON, S.W.

ese 10 call the attention of the Nobility, Buthy, and Gardeners, to his

## mproved welded

WROUGHT IRON BOILERS, por heativg horticultural builmings, HANBONS, CHURCEES, *o,

By the use of which all danger of sudden hawe from cracking 18 avoided, being mado d the best Trelded Wrought Irou.


ORMSON'S PATENT IMPROVED WROCGHT IRON

## TUBULAR BOILER (No. 1)

Is the Boiler erlected for heating the Plant Homson at tice Royal Gardens, Kex, under the nex arrangement, now beng carned out hr order of Her Majesty's Government.

Made to heat from 1,000 to 10, non Feet OF 4 INCH PIPE.

## elefation. <br> ORMSON'S PATENT IMPROVED WROUGET AON MUBULAS BOITEB

No. 2. INDEPENDENT WELDED WROUGET IRON BOILER for Heating Small Houses, whern room is limited No brickwork required far seltinm Made to Heat from 125 to 600 feet of 4 -inch Pipe.

No. 5. WELDED WROUGHT IRON TUBItLAR SADULE BoILER, with Waterway Check End. Mude to Heat from 750 to 4,000 feet of 4 -inch $P$ ipe.
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SURVEYS MADE, AND ESTIMATES FOR HEATING ALL KINDS OF BUILDINGS FURNISHED FREE ON APPLICATION.
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THE QUARTERLY REVIEW, No. 251 I.
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HANDY BOOK of the FLOWER-GARDEN:





A PRACTICAI,
FMh vaition, price $\mathrm{Sa}_{3}$ of the GRAPF, YINE. Hy Witliax T Comantivation PRACTICAT. TREATISE on the CULTURE
 THE GARDENER A Mmnthly Magraine nf Horti-




${ }^{\mathrm{T}} \mathrm{THE}$HE BOOK of the IAANHEDIHSTATE. Containing


## M BAILET DEultural Improvements. he UNDERTLANGGED Of LAND at a chargo of ha an acro and whil 

-To Landowners. Whether Tenants in Fee or for

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THE GLNARTC RANE MRANAGE and




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## 解ome Netug.

The Court.-On Thursday the 21st the Queen, accompanied by Princess Loulisa and IPrince Lecopold to St Lawrence, and visited Earl and Lady Constance Grossenor. On Fridsy morning the Queen, acconipanied by Princess Beatrice, walked and drove in the grounds. Prince Albert Victor, Prince George, and and will remain with her Majpsty during the absence of the Princo aud Princess of Wules. OnSaturday the Queen walked and drove. Mr. and Mr: Gladstone arrived from Lomdon on a visit On hauday the primess Bealrice attended Drynesartice at Whpping ham Church. On Monday morbing the Queen went and Mrs. Gladstone left for London. In the afternoon the Queen drove out with Prince Leonold and Princess Beatrice. General and Lady Alise Peel and Miss Macpregor arrived on a visit. The Judge-
Advecate-General had an audience of the Qucee On Tueday murning the Queen walked aud Gruve in aftrenoon. On Wednesday Beatrice, and drove out in aftrernoon. On Wednesday morning the Queen malked and irove in the grounds. In the afternoon the Queen, accompanied by Princess Beatrice, drove to Carie-
brooke, and visited the Roman Catholio convent whirh has been founded there by Lady Clare. On Thursday morniag the Queen drove out with Princess Beatrice. Princess Mary of Teck arrived from London on a visit. It is experted that the Qusen will return Her Mrjesty afterwards intends to pay several short vints to Claremont, and during the Jondon spason the Quecu with reside for a time at Buckingham Palace. Queen will hold a Court at Buckinohom Palo the luesilay, the ad of March to receive lomatique, her Mrjesty's Ministers, and other oflecial personages, twith the ladics the Lnril Chamberlain. The (Queen will holld a Levee Drawing-Ronm on Wednesday, the 10th of March; dates of whaw will will be held at St. James's Yalace by Prince Arthur, Fn her Majecty's behalf, on Friday, the 12th, and on Tréperan of
The Wrincland Princese of Wales Ifft Wienna Alexandrias for Trieste, and there embarked for Alexandria.
Acrocchrment of Pbincess Alice.-A telegram from Hesse Darmutadt states that tho Princess Louis Ernest Louis given birth to a son, who will be named
Ernest Louis.
Trie Cabrnet - A Cabinet Council was held on thesdry at the official residenre of the First Inord of Pablamentapy ing Street.
Parliamentary Movembnts.- It is understood the Throtio on the re-axsembling of Parlament 10 brure, the Home Secretary, wat elected for Renfrewshiro on Moudar, whe throm of the lato Mr. Spiers,
without opposition. Mr. Greer prich seat for she Radnor Boroughs, in favour of the Post master-General, the Marquis of Hartington, who will
bo opposed in 1 he Conservative interss
M. Philips. Mr. Edward Waren addrees as the Liberal candidate forner he beal
been doclared vasent represented for some years.
Willes on liriday ave jefitiong election petition, to the effect that duly elected, and that corrupt practice sively prevail in the borough, but petation very properly brought, and ref Black burn gave judgmeat in the Bewdis had no nersonat howledge of corrupt that his agent and bis clerk were puily 1ng, thated extensive corruption add corrupt
prevailed, but not what was called " and that all the costs, excopt those inc pation of a scrutiny, must be pad by the
Mr. Lloyd, the petitioner, having withde War the seat, the scrutiny will not be po 3 Baron Marin gave judgment yesterdar 17 petition, and declared that Mr. R.ple tices did not extensively preval. 1 Lat Mr. lipley. The trial of the Lichfiels p in progress. The trial of the Gloucc gave judgnent in the Limuerce pet elected, and that the charge ond Ru intimidation had not been proved, at denounced the systat of hirg ano the amei another, recretted that tho las di for punishing such a system, the andest a disprobal trates and clergymen taking part in such a
Mr. Justice O'Brien gave rudgment no Tue Carrickfergut pet tion, declarnan Mr Ir Ualway elocted. The trial of the Dublin lethion on Saturday. The trial of the Belfast and toons commenced on Wednesday, The Athlone petitions have been withdrawn.
County pettion will also be withurnan. County petition will also bo withirnwn. The friesshire was withdrawn on Fruday
The Consebvative Pabty.-The Earl of Me bury has resigned the leadersbip of the House of Lords. chosen to succepd to the pat. Mr Hart for Mid-Kent, has been appomnted assistantr in the roons of the 110 MIIr. Noel, Whio has su Colonel Taylor as head whi Order of the Thistie.-The Belhaven, has been filled up by the nppoul Lord southesk to be a knight if that 0 rie M1.P., has been appointed Lord-Licitenast of hire. in the room of the late Lord Belaren Bishop Jistopric ar Londoy -The Conirms Bishop Jiacksom as lishop of London toot
day, at llow Church, C'lizaphide, with ceremonips The Gazelle of ist cveubs that the Queen has appointed his lord-h.p of the Chapels Royal.
THE Bishop of Salisberay-It is during the hast few days there has been
improvement in the health of the B. shop 0 slome of the more urgent sy wiptens have out
the Retiol Combission.
von, the Bishop of Chpster, and Mr. Carle M ${ }^{\mathrm{P}}$., havo been appouted members of Commission, one vacancy having been death of the late Arehtrshop of Canter 1 and of the Lord Clancelor.
Governolsimp of greenvich Hosp not the intention of the Grov Gordon, mlo mas in receint of 3utho Hospital funds It is stated that the intie Greensich will be oceupled for milit? ReDorerove in the Civil Spryice-T of the admuaty thaye zetermined on oflices anmiraly Admiral-Sunernutendent yards, the Captain-Supermendent (f) D3 victualling-yards, no of tho two oftices Attendant at the dockyards, and the Master-Shipwriuht, and
in all the offices of th

## ist, and others are to

## entered lor the civil dep

no promntions are to be maue uuti the eqtablished list have received $n$ appointments on a certain date unnecessary for the business
Aresses have been iotrodicecn the bumber of conylsts.
oflices of Comiroller-Generail and mation with the
Anc. Sculy at Whitechl.. aro engaged in kimplifyim graming the officen, with

Lerks Measures have also been taken to aris of the Ausuraliy bave issatied

that the nex mary dut
lo nut waste. reguring all othoress
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teal wodreaned to the remumbiders-in chsel at is furure no Anpliatjans will b at id u'ure of Parliument and onthr odindusl ffluers for uppinintmentes s.a
ti the Wir Office an order has been gigeles of volunteer artiliers itirnugh m, hith an order makime compabothe subyent, it may be mentinned that Mr ntmilitr of the Srationery Departiont. has malar to all the publace offeres, specially modncme their clerks to meud thear quall dof throming themaside after having been

## PARLAAMENTARY ADDRESSES

PaECHANCLLLOR OF THE ExCHEQUER Was present Hed what (brymp at a publindinner at Glouccester the recent General Election. In returnmpg
the toant of Iler Majesty's Mibsters, Mr. of tooke as fullews -
Par \& Lun wht as to what wo have amnounced to the

 The ciritr, nor in the raiting of one clase nothe

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of his wefry man who might then dealing with mercely tenporal
 your neighbour ask of which is, that you
wh bave apporimeat our intention to him do trust we ahall not and dikentablash the ('blirch of and loheve mnst firmly that o that the irjustice of imwhaterer,
State, on in then with the State, we slall leave it to dhother bas bect wheh the Govermment has at been broukht very prominently for-
these clections, the Secrithry lur War ram tho First Lorrl of tho on in the establisbabontuic to cut down whatever Whare ti a not the wish of the Government, any more

 thy being difetributed all over tho werld. With rendered ming the principle on whin h we propose to zet in to
 at by our acts, seen. We roust bo judgen, not by our

 He been et.deavininine to gain instmetion in the




 fost If a child burns its finger with a ludfer
 country fo reatorto resisted. Whenever the constitution of the thon has oonfldence in ite own princtplee and atandat by thema, thene considerations will not ajply; but until the Tory party


Mr. Mruce the Home Secretary at his election for Renfrewshire, on Monday, smoke as follows -
'The Government had undirtaken $n$ heavy tank, and mich whe expented of them. Mr Gladgtnpe had undertaken to dend

| oppion, but I must frankly toll ynu that this opinton ioen net <br>  undulime tu 3. lut |  |
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## forctix.

Prave - Mr Burlmahame and the members of
 the Frearh Court Tte Chinise Aubasoador made the fofltowing space hi to his Mntwesty
"The wish of Chins tas enter into the fimuly of nations



 1.jeat

The Emperor, in reply, dweit uno the same senti-
 Fratee wished mare than ever to proutase in Chollas



 Made a ppeecth in whelh the urged tha mudifination of
the colontal constination. M. Rusault de Genoully, the colontal constifution. M. R'gault de Genouilig,
the Minister of Marine in reply, stated Ehat the the Minister of Marine, in reply, stated that the the troops were obliged to enforee respect for the law. This speech was much cheered, and the simile order if
 Berume
 MM Bothmont ath buarpt,

 The ale thon in Dunta, Jun 'or the bepartment ilu recommendaton of Marshal the Eyperor, on the facilities shall be given to re-pulisted non-commissioned ollicers to pass from the military into the civil bervica of the State. The Transatientic steamer Persire, which sailed for New York on the loth, has returned to Havre, haviug been di-abled by a heavy sea, by whic
three paswengers and three of the orew were hilled, and 1 wounded Sue war clowe to the banhs of vewfound land when she encountered a terr,fic hurriane and tremendous seas, one of which, calculated to welgh Fiv) tous, lell on her douk, and committed such havoc that but for the coolness and juikment of the consmander the ehip must have been lost. The passenger Mdlle Fickenberg The Imperial Court of Lyons has deivered a judgment by which rabblis in warrens aro classified as noxious animals, and landed proprietory who have austaned damage from them are permitted to hunt them with ferrets at all seasions.
Spain. - The Civil Gesernor of Burgos wes eggessinated on Monday morning in the gathedral of that city, when on the point of making an inventory of the booke, jewels, and objects of art which it contained, in complance with a deree of the Guvernment, that al such objects in cathedrals are henceforth to be cansidered nationai proporty. The Secretary of the Governor escaped, but the inspector of the police, who arcompanied him, was wounded. The borly of the Guvernor was dragged alone the ground ann terribls mutulated, and the members of the chanter present looked momplacently on during the whole procend ngs. Uuward- of 70 peratime inchaditig the dean, 13 of the oanous, and four studenta who hed wo rranda atter the murder, have been arrested. The Arohbishop has been ordered by the Chief Judze to ennsider himself a prisoner in his own palace. The cathedral and seminury have been closed, and a large number of persons
hare been arrested at Parapeluna, Alsasuna, and at lave been arrested at Parapelune, Alsasuns, and a Valencia, on suspiaion of tomplitity in the orime. Burgos has been proclamed in a atate of siege, and the military governor removed from h1s post. The assassination has aroused a deep feeling of indignation through out Spain. On Tuesday nikbt great akitation previled in Madrid. Cries of "Death to the Nuncio!" were uttered; the Papsa arms at the Consulate Fere demolished and burnt; but the Nuncio was protected by the municipal authorities. Deputations were sent to the Provisional Government demanding relliplous freedom, The removit of tor Punuein.alid revenge fiy stated that The Minister for Pubic Worsbip. in repiy, ststed that by Suas to the Nuncio, and withdrawn the power granted to him. The Propisional Government has suce issued an address to the nation, bromistar the punishment of the Burgos mumberers: bitembirming the unwillingness of the authomites to decres religious
freedora. The Iberic Novededes and other Progreaista
newspapers hichly censure the address The Diplomatic Rattazzi supported the motion in its modified form, Body have addressed a note to the Minister of State Nrotesting against the manifestation against the Papal visional Government, who replied that be had seen with rain the nianifestation in question. and wa the representatives of friendly natious. The rumour but it appears that he is in hultog The Editor and stuf of the Pensamiento and Espanol have been arrested. A Protestant religious service was performed on Sunday in Madrid for the first thme in public. The the Tvited Statec and the Provisional Government for the pirchase of Cuba, is categorically denied. The Provisional Government, as interpreter of the wishe proposal of such a character. A decree has been issued, granting a complete amnesty, without any exceptron granting a complete amnesty, without any exception, of the 23d September at Porto Rico
Portugal. - The Marquis de ST da Bandeira announced officially in the sitting of the Cortes on
Friday that tho Kine had empuwered the Ministers to remain in office. He added that the Council of State On Sunday the Chanuber of Deputies was dissolved by Rosal decree, and ther new Cortes are sumnoned for the 4th of May. The Kung has assigned to the Treasury eight per cent. of the annual income of the Royal family, in consequence of the financial difficulties of the country.
obnmari.-The Folkething has rejected a resolution to authorise the purehase of a large ironclad shall be built instead in Denmark. Notice bas been siven of a motion for the appointment of a committee to inquire into the conduct of the Commandsnt at Alsen at the time of the surrender of that place to the Prussians.
Brearum- The funeral of the Prince Royal of Belpium took place on Tuesday, at the Palace of
Ineken. The King and his brother, the Count of Fisnders, were present at the ceremony, the A rchbishop of Malines performing the funeral service. The deepest
sympathy was shown by the neople generaily bympsthy was shown by the neoplo generaily. Brussels funeral seryice Fas held at the Cathedral in honour of the late Prince, at which all the different bodies of the Count of Flanders and an ing did notatted, but the Were present. The Archbishop of Malines ofticiated. On Thursday the King received a deputation from the address of condolence upon the presented him with an Brabant. His Majesty was deeply affected, and expressed his gratitude in lively terms.
perty of King George of Havover, at present prounder the administration of the Prussian authorities, amounts to $2,071,800 l$, which, placed in the Prussian The expense of manazement, whet is under the direction of the Suparior President of the Council of Prissia. - The
probably be closed in the last week of February prospeoted that the North German Parliamen, and it convoked for March 5. The Editors and journaligts of Berlin have adopted, on the suggestion of Herr Berthold Auerbach, an address to General Grant, to be presented to him on his assuming the office of Preinitiative in a Bill for the mutual protection of literary and artistic property in Amerca and Germany. The various literary meieties of Germany bave also been invited to unite with the Berlin Editors in this matter. the Prussian Order Pour le Mérite for Arts and Sciences, awarded to his Majesty by means of an election in which the Kaights of the Order entitled to vote took part.
Hesse Darmstadt.-Several shocks of earthquake Were felt in the duchy on the 21 st. The atrongest, sound, lasted twelve minutes. In many places bells Fere set ringing, plates thrown down, and plaster detached from the walls.
Viemparin on Wednerday morning for Trieate, where they arrived at $10 P M$., and left at nidnight for AlexTrieste, being hurt at apers atate that the Bishop of Capo-dintria, where, the day after his arrival, he "My kingdom ts not of this world," demeonstrated tha with spiritual powers. The rallway station at Trieste Whas barnt down on Thursidg evening.
Opposition moved a resolution charing last week the Opposition moved a resolution charging the Governtion of the Grist-tar, and censuring the measures applicaby them in levying the tax in the central provinces Count Cambray Digny, on the part of the Government, declined to accept any resolution implying censure, and required, on the contrary, sn explicit vote umreervedly approving the whole course taken by the Ministry, stating that the authority of the Govenmout would otherwise be fatally weakened, and it occupied the whole of Sunday, Monday and Tuesday, When Signor Ferrari modifed his motion by withdraving the accusation against the Government of violation of the Constitution, but censuring the Admi-

Baron Ricasoli then moved that the Chamber should duced, thus manifesting their opinion that the
Government had done its duty, and had upheld the Government had done ith duty, and had upheld the of Baron Ricasoli in that sense, and the Chamber adopted it hy a maiority of 207 to 157 . A rasolution,
moved hy Signor Torrigiani, was afterwards adopted, requestiog the Government to institute an inquiry into the recent disturbances in the central provinces,
and to propose such measures as they may consider most expedient under the circumstances,
Papal States.-Accounts from Rome state that Archbishop Manning will be made a cardinal before Pari* will also be raised to the same dignity.
Ressra.-The budget of the Empire for 1869 shows a large increase of revenue, which the Minister of Finance ascribes to an unusually good harvest and the stimulus given to commerce by the extension of the railway system. He expresses his conviction that
nothing but a peaceful development of the moral and material interests of Russia can consoludate the finances GIBEECE-TM
decision of Greece relative to the declaration of the Conference is still unknown. It 1 asserted that the King recently intimated to his father his intention to abdicate, in consequence of the deep of his Government ; but, yielding to the pressing solicitations of his family, he has for the present abandoned
The PRINCIPALITIRs.-The Minister of the Interior at Bucharest has addressed a circular to the
prefects, enjoining them scrupulously to watch over the maintenance of order and to prevent any political antation which might compromise the neutrality of
the country in the event of an armed conflict between the country in the event of an armed conflict between
Turkey and Greece. The leaders of the bands which attempted to invade Bulgaria last summer have been tried, and condemned to six months' imprisonment. It is believed that this gentence will have the effect of greatly discouraging similar undertakings in future.
Trafiey - The Porte has suspended the expulsion of Greek subjeets from Turkish territory pending the Conference. The report of the departure of Hobart Pasha's fleet from Syra is contradioted. The Turkish Government has purchased the British stemer St. built at Bordeaux for the Chilian Government. but rejected for alleged non-compliance with the contract, for $180,000 \mathrm{l}$.
EGYpT-Tbe Viceroy of Egypt bas placed 50,000 men relations with Greece by ordering the Gred diplomatic Cairo to leave that espital immediately. The consul at Cairo to leave that espital immediately. The approach-
ing arrival of the Prince and Princess of Wales has brought a large number of tourists into Egypt; and excursions have been organised for eoabling the visitors to join the Royal party before they reach the first Alexandria under tho Eudanctish has already arrived at Alexandria under the guidance of Mr. Cook, the well and a steamer is advertised to leave Marseliles for Alerandria on the 5th February with another party of
excursionists, under the guidance of Messrs. Chailau, ox Paris, for a fixed price of $120 l$. ont and home.
INDIA.-Sir John Lawrence was to leave India on the 16 th inst. The construction of a permanent road
bridge over the Honghly has been officially sanctioned The small force left at Huzara las heen recalled Meer Hajee, the murderer of Cantain Douglas and of other persons in the mutiny of 1857 , has been hanged
at Dethi. It is stated that 33,000 cattle have perished near Delhi for want of fodder. News from Burmen states that the health of Captain Sladen had improved, and that the King of Burmah had apologised for beatnnounced that Azim Khan and Abdul Rahman Khan have arrived at Dour, and requested an asylum in British territory. The Government of the Punjab continue to be receired of the serious equest. Account extensive damage done by, the recent earthquake in Assam. Troops have been despatched to Silhet and Cachar in consequence of depredations by the hill cocurred on Monday last at Bhor Ghat. The train dashed into the embankment, smashing five carriages Borneo.-On the $28 t h$ November, the Mukah For way, was surprised and plundered by a party of six convicts (one Chinaman and five Malays) who were Mr. Bain, late engineer of the Borneo Company, who was lying slek in the resident's apartments, and the 1000 dollars, was stolen ew hours the convicts made helding the fort for a pursued them, killed four (including the inhabitants of Mr. Bain), out of the six, and the murderer treasure. The two others were being pursued in all irections.
Australia - The Victoria Parliament will assemble application for a subsidy froment is considering an proposes to buy five steamers hem company which Panama Company, and run e fortnightly mail to Galle, Four of the steamers of the Panama line have already foen sold. The Government of New South Wales has Governor of South Austrelia, Sir James Fergusson, and his family have arrived at Sydney. Her Majesty's ships Chailenger, Blanche, snd Rosario have gone to
Now Zouland in consequence of the recent outhreat

## New Zealand.-Th

 Governor of New Zealand
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From the details brought by the overlayd ing the recent masstare and atrocithes mo da wn, the Poverty Ray settlements werbe 35 persons-men, women, and childrenminately massacred, neither sex nor aget mu killed every one that they could and herds of the settlers were destroned steads and dwellings burat to the
the finest districts in New Zealand and their infant chald, Lieutenant Who refused to leave ber husbard, Messens Iodd, Peppard, aad Cadle. cenant Wilson was also supposed to but after being three days in the scrub ergs and a few potatos, she was plound be mo eggs and a few potatos, she was found by mo the abdomen, another through the
five in other parts of her bods sive in other parts of her bods. The
settlers are missing, three of whom Poynton, and Kempthorne-are beleeres been killed. Captain Westrapp, who TE is of the Taranganui Redoubt, subsequarily min
and buried the dead. Thirty bodieso discovered, many of themdreadfully mut the of Major and Mrs. Biges were almosideroura and animals. Two Hau-bau
and shot down by Captain Westrupp ai whilst engaged in burying the bodies H and ber little son were removed to the leave for Napier on the 24th ult, hopes were entertained of Mrs. Wilso Tamibana on rupp made an attsck on tho Europeans and natives, and defeated man a Poverty Bay rebels, Patea and other setterno
since been abandoned Particulars bute received of Colonel Whimmo's repulse from th position occupied by Tito Komaro at Orutuk was menuisuru and IV aitokrs rivers ? and 80 natives-the majority of the patires a and 80 natives-the majority of the patise occupied by a strong and well-posted
fierce contest, finding his casualties ver there being no prospeat of by continuing the attack, Colonel Among the killed Fere Major H
Kirwan, Constables Charles Leo and three others, Emons the Founded were son, Wesley, Williams, Cooksley, Kelly Vance, Keane, Kepa, Lynden, and firs
natives. In the following week the Hau-bin natives, in the following wrek the Haumilitia, under Captain Wilmot P. ret,
repulsed with the loss of several of the r met and wounded. The bodies of a scoutna had been sent out under karaitana, a meun fearfully mutilated. An eartbquake hal a property.

## UNYTED STATES - Congress has pased and The district commanderi oficers toga the ostlis of office prescribed by the beve Acts, and, moreover, to appoint their Cerba. It is sald that the Captain-Grents has been consulted by the siad decinrar telegranh as to the advisability of dechan min that all vessels engaged in the slave trade win as pirates 27th ult, states that Angustura mas stader Llst and 2od ult., and was reported to so being in pursuit.

Clty Intelligenct.

## OvEREN

Gurney \& Co., at Guidhall,
Saturday, so far as
wansel were concerned.
Wdwards, an olficual assignee ruptcy, who, after statin
memory as to dates," not like to swear positively receipt of 5000 l . a year from the ol Mr. David Ward Chapmsa, at be paid so in consideration of his
act for the firm in all mation

## 

fletropolis and tts Yicinty. Dorkyards - An Admiralty order And Deptrobid Woolwich Dockyard on Fridny, directiag the yard to also been received at Deptford Dockyard, directing al the warehouses in the yard to be cleared by Aprii 1st. hat another reduction will shortls take - it is stated Roysl Arsensl. A fixed limitation has already been been abolished, and a number of the old hands have been placed upon the superannuation list.
The late Rittalift Teial.-Tbe Church Time states that the Council of the Church Associstion have n the recent suit of Martin $r$. Mackonochue, snd consequently will not attempt to recover them, from
Mr. Mackonochie. The Church Association, who were the prosecutors in the suit bave made arrangements Ritualism. Among those who have consented deliver addresses are the Rev. Dr. Taylor, vicar of St deliver Liverpool; the Rev. E. Garbett, vicar of Christ Church, Surbiton; the Rev. Aubrey C. Price, vicar of St. James's, Clapham; the Rev. J. F. Richardson, vicar of Bury St. Edmunds; the Rev. J. C Ryle,
Ficar of Stradbroke, and the Rev M. Hobart Soymour. Church Association, the promoters of the suit "- Thatin Mackonochie," bave announced their decision to rubmit the question of vestments to a legal tribunal they say they are confident that, nether as a consequence of the present nor of any other legal derision,
will anything become obligatory upon the clergy which has the slightest reference to Romanizing symbolism and which is not entirely in sccordance with the spirit of the Reformers and the doctrine and teaching of our Protestant Church
Abchbishop Manning and the Ectmbical
Cot'ncil.-A pastoral leter from Archbispo ning has been read in all the Roman Catholic churches throughout London on the Ecumenica Council to be held in Rome towards the olose of the
present year. It ssid that during the last few months present year. It said that during the last few months
the Pope had written three Apostolic letters, of vital importance to the Catholic church and to the whole Caristian world. The first was the Bull convoking an the Feast of the Immaculate Conception in this y the second was a paternal invitation to the patriarchs, archbishops, and bishops of the Eastern Churches, now unhappily, in schism; the third was a loving sppeal to
those who in the Western world have during the last 300 years from the unity of the fath and of the Church. Arclabishop Manning solicits the prapers issue of the Council, and enjoins the cleray to hod special services each week for the same purpose. Vatican, as it will be held in the right transept of St Peters. The transept will, it is said, scccommodate upwards of 2000 persons, and will be so arranged that the voice of each speaker may be distinctly heard throughout the whole council chamber. The stalls erected for the accommodation of the prelates will cost 9000 l or $10,000 l$, and to make up this sum, as well as to meet the other enormous expenses which the in many Continental nations, as well as among the Roman Catholics of England The labours before th Council are so immense that it is considered six month will not suffice to complete them.
The Latr Pervebsions to Rome.-In reference to the recent announcement that the two curates of Rome it is stated that the older of thoee curstes, afte residing for a time at the Brompton Oratory, applied to the Bishop of Rochester, and was readmitted by his lordship into the Church of Eagland.
Shell Experiments at Shobbrerysess. - On Friday arrangements wero made for tosting a new shell patented by Mr. Fitzmaurice Palmer, st Shoeburyness. Considerable interest was mavifested in the experiments, the result of which was expected to be of a very important nature, but after three rounds were fired it was discovered that the ordinary service fuse ras unfitted for the shell. The axperiment wer thereupon adjourned to afford the inventor an oppor tunity of fitting the projectiles with suitable fuses. satisfactory trial of Lieutenant Nolan's iostrument for use of coast and field batteries, in comparison with the usual service method of guessing similar distances, took place on Monday
The Vayabsbur Steel Gex and Cabriage-gun-carriage and slide of a novel construetion, by for a ${ }^{1}$-inch steal built-up rilled gun, was tested o Saturday at Xarmouth, with complete surceass. Th sompressor, which is tae most important feature, con sists of a cone and drum, working under a brake-strap
this friction gear being attoched to the head of a lon screw-shaft, sctuated by a nut under the carriage ralue of the system is that the comprassor is alway ready to be acted upon by the recoil, and is automatically put into gear the moment the gun-carriage begın Indtas

Civil Service-A deputation from the retired members of the India Civil Service-headed by
Sir R. Hamilton, Bart., Sır H. Harington, Sir H. Ricketts, and Sir G. Harvey-had an interview with the Duke of Argyll a few days since, for the purpose of supporthag their claims on the India Government, as set rorth in a memorial they had presented to Sir stafior
Northcote, praying for a refund of the exeest of the
accumulated subscriptions above oue-half the value of to give a careful consideration to the memorial has since informed the deputation that he seea no which to depart from the decision of his predecessor, that a public meeting on the subjert is to berstood prenaratory to bringing the matter before the House The Vold
The olet ntrer Fobce and the Gofernment. heid, for the purpose of taking measures for bringing before Parlacment the difficulties with which the movement has now to contend. It appears that on the sth inst a deputation of the commanding officers of metropolitan and other volunteer corps waited on the Secretary of State for War to urge upon his consideration the necessity for an increased grant to the force. The deputation represented nearly the Thole of the volunteer commanding officers throughLord Eilcho, Loord Gerald Fiszgerald, Lord Truro, and Lord Ranelagh. Lord Elcho stated that the present capitation grant, which is $1 l$. For each efficient member corps, and 30s. for the "extra elficient, is not sufhicient to pay the necessary expenses, the officera and men, and chiefly the officers, baving to pay charges of bead-quarterg ining of the regimenta, the charges of bead-uuarters, drill-grounds, rifle-butts, and conollicers pounted out that il a year only commanding charge entailed upon corps for uny represented the voluntcer force expresaed a great admiration for the indeed indeed upon the services so patriotically given, but he was of opmion that the present grant was sufficient to out no hope of an increase. In consequence of this decision, the oth lancashire Artillery, which has been commanding oflicers, in a circular they have just issued to their men, deelare that this step is rendered neced sary by the inadenuacy of the sum of money granted by
The Easter Yolunterr Review,-Lord Truro, chairman of the committee of metropolitan officers, in answer to letters addressed to the Mayors of Porta mouth and Dover, inquiring if the same faoilities could be given to the rolunteers as at former Easter reviews, before accome to the volunteers, and all the lachities
The bechford Moniment at Geildhall-At ar meeting of the Court of Common Counel it tho inscr.ption which had boen Guildhatl. The mover of this resolution took ard in to allude to a staternent recently made in one of the hova made by the Alderme to George III. in $17 \%$, had ever been uttered by him, and read some extracts from the "Annual Register" of that date, and the minutes and journals of the court, which, he said, left no doubt that the speech really was made as represented by the inscription.

Monumbnt to Sib Herbert Edwardrs.-The Secretary of State for India has made known the unanimous resolution of the India Council to erect a monument to the memory of Major-General Sir Herbert Edwardes, as a mark of their high sense of the abilty, daring, and resource which he displayed in times of great difficulty and great peril, and of their appreciation of the example which Sir Herbert

## 0 Indi

The Batnel Window in Westminstra Abbey A new painted window has been erected in the Isambard Kingdom Brunel, the railway engine consists of two lights, containing allegorical figures of Fortitude, Justice, Faith, and Charity. The upper part consists of six panels, representing three subjecte from the Old and three from the New Testament.
ECLIPSE of THE MOON.-On Wednesday night there was a partial eclipse of the moon, which bad been announced as the only eclipse visible in England in to watch for the eclipse were disappointed by the rain, which rendered the moon wholly invisible to the inhabitants of the metropolis. It appears slso that no portion of the eclipse was visible in any part of England or Scotland, the moon being everywhere Tri
The boats of tee hibrenia Steameb.-There is now little hope that the boats of the steamer Hibernia have been found. It appears that the 39 shipwrecked
seamen of the Hibernia, who were reported as being on board the America, a Bremen barque, bound to New Iork, did not belong to the steamer Hibernia, but partly to a sailing vessel or that name and to another called the Cuthberts. The sailing vesse Hibernia left Quebec on the 10th November, Fan wrecked and absandoned, the crew being taken on boand a passing vessel, called the Cuthberto. Bad weathe continued, and the Cuthberts being in a sinking state ap then Proposed Tbamway on the Exbanement. - In consequence of Mr. Bazalgette's statement at a recent
meeting of the Metropolitan Board of Works, that the works of the railway company on the Thames Embankment, if carried on at the present rate, would not be finished in six years, proposais Lave been made to complete the roadway slong the embankment at once, and to lay a tramway along the embankment and
House and Blackfriars Bridge
manion, situated in the line of the Thames Embank-1 Devon Chamber should be sent to the Central Chembe ment, is how being demolished by order of the Com missioners of Works. In a few days the enhire Sarvice Museum, several adjacent houses, and the Tudor arched entrance to the l'alace water-stairs, will be ynue. The Epsom Corsse.-The Grand Stand Association which inculudes a purchase for hishont. Six Mile Hill. the mile post and Tattenhame Corner, but Mr. Suadd has declined to sell at any price. Mr. Byylis. his azent has entered into an arrangement wilh the Epsom
trainers for the use of the six Mile
Hil for trining purpose, at an annual charge of $2 l$. per horse, Mr. grub up the furzes between the racecourse and
Six Mile Hill, and destroy the rabbits, by whinh means a large extent of new training ground will bo obtained and reserved for the exclusive use of the subscribers. The Epsom trainers have expressed their thanks to $M_{\mathrm{F}} \mathrm{S}$. Studd for this arrangement.
Fbench and English Tbade Steikes- At meeting of the London Trades Counciil on saturday nttention to the existing strike of the yarn and twist spingers of Rouen (Frunce), against arrauction of wages. After some disoussion it was resolved that the trede societies of the United Kingdom. The dispute which has arisen between the master masons and their mea relative to thn nrugh dressing of stone was then that it would be settlled without a strike. Eventually the seerctary wes instructed to write to the Masouns ${ }^{\prime}$ Executive for full information on the subject.
ciency of tie Police. Coned un tiar InefitCIENCY OF THE Police. The delegates appointed by the whole of the metropolitan vestries and district
boards to consider and take action upon the alleged bardis to consider and take achon upon the alleged
 that the foroe is in a very unsatisfactory condition, and praying for a parliamentary inquiry. They have also resolved to request the co-operation of all the parlia-
mentary mombers for the districts concerned. mentary mombers for the districts coneerned.
-The charez of ember ar The Boabiv OF Worhs. scoountant to the Metropolitan Bonrd of Works, Was concluded on Wednesday at Bow Street Police Court, When the accused was committod for tral.
Thr Pbilic Healich- The Registrat-General's woekly return states that in the week that ended rephatered in london and in 13 other larze towns of the United Kingdom. The annual rate of mortality was 27 per 10001 persons living being 26 per lot 1000 in London, 38 in Edinburgh, 28 in in Dublin, 29 na Bristol,
 Leeds, 26 in Hull, 28 in Ne Nevcastle-urpon-Tyne, and during the week ending the lith inst, and in ll herlin In London dur birthe of week ending the olist not. In London the births of I125, boys and 1151 kirls, In tha* corresponding weeks of 10 years, 1859-68 The sverame number, corrected for increase of population, the wreek were 1578. It was the sid wook of the year, and the average number of deaths for that week,
corrected for inorease of population, was 1773. The present yeturn is therefore 185 below the average.

## Frobimeial.

Annwick. - A few nights since a room at Alnwick Castle now used as a study for Lord Algernon Peroy, wipes beving overheated, had ignited a portion of the the flooring. The fire, however, was discovered and extintinguished before it had done any serious damage.
that St. Aidan's - College would be closed at the end of 1868. It is now proposed, however, to continue the institution, under new management, as a place for the
training of candidates for holy orders, and to more of a diocesan charncter than heretofore.
BoLTon.-On Friday afternoon fa destructi
dent occurred at the establinhment of Messrs. Martin dod Jobnson, manufacturers in this town. The mill house a wreck of machinery. Two engines of 50-horse
power eneh were smoshed into fragmenta, The flyWheel, Weighing 20 tons, was broken up, sid the fras-
mente thrown about, doing injury in sll directions,
Dolives were lost, Geven bundred ont of worl, and if will take six months to repair the damage. The losa in machunery and property lsa stated
congleron. -On Satorday, of a special court of magistrates in this town, Mr, Nnsepla Clewlow the Manchester and Liverpool Distriet Bank a to councillor and magistrate of the borough, and who has twice served the office of mayor, was charged suth in which, while soting on bohalf of the bapk reaeived Farious sums of money by way of discount ersplayerest, portions only of whinh he eredited to his exsployers. The magistrates committed him for trial, 1fou, emph.
annagal meetins of the Fiarl Fortescue presided at the merce in this eity. There was a long discustion on the proposal to have a national. poor Fate. The Bomernet Chomber had requatanal that a rate. The Bomernet

Devon Chamber should be sent to the Central Chember
in favour of a common fund, raised through the in ivour of a oommon rund, raised throuzh
income-tax assessment, for a antional poor-rate,
resolution was unanimonsly passed, dealiniong to comply resolution was unanimonsly passed, declitning to comply with the request of the sumerset Chamber, at the
same time aumiting that an alteration was required same thme admitting that an alt
in the incidence of Incal tnxation.
IsLe of Man - On Salurday mornink the mail steamship Prince Alfred, belonging to the North Lanenshire Nuyigation Company, was tatally wreiked
on Mankhold Head, Ille of Man, on her paseage fromo
Flo Flectwood to Belfast. The mails and pussengers num bering abont [ ${ }^{2}$ ), with the orew, were rescited, and about 20 fathoms.
Lreron. -The new Corn Exchange and Straw Plait Halls in this town were opened oa Blonday week by Liar Mr. Reverdy Johmson, the Amertean Minister; Sir J Burgoyne, Hith Sherifr of the county ; Lord Charles Russelt, Colonel Gilpin, M.P. Mr. H. Cowner, M.P.
Mr. L. Russell, M.P.; Mr. H. Brand, M.P.; Sir J
Manchestrer - For the purpose of determining be adoputed as a candidate for the representation of Ianchester, in the event of a vacancy occurriog be the unsesting of Mr. Birley, against whose return a petition has beer presented on the ground of his being 2 Government contractor, a ballot organised by tho United Liberal party commenced on Aridav, and was
concluded on Saturday, when the result was 4772 votes For Mr. Ernest Jones and 2103 for Mr. Milner Gibson. Besides being taken as a test as to the selection of a candidate, the ballot was regarded as an experiment
to show the practicabuity of voting by ballot, the promoters of it believing that its result would bave an important influence on any future discussion with regard to the adoption of this system of voting.
There were se polling places, each of which was fitted up with the necpssary apparatus, which was exceodiogly simple. The ballot was confined to those electors who voted for Messrs. Bazley, Bright, and Jones at the late election.
Norwrcr. - The prisoner Sheward underwent anolier exanjination on Monday, in reference to the The evidence whe is charged on his ow a coufession. before, but does not appear to have greatly strengtioned manded, and anst him. The prisoner was agam rethe prosecution would probably be closed on the next ccasion.
ppeared in the onsequenco of a letter which there existed on the const of wales inst, stating that tice of stripping oorpses washed ashore after a shacwreck, and thatsome of the bodies of the crew of a French vessel recently lost near St. Ann's Head had been so ioquirins the Board of Trade havo directed strict satisfied the department matter, and the results have founded. It appartmears that that thaked bodine were found on the shore, but they wore washed aspore in that state, and it $1 s$ supposad that the men had stripperl themselves sble to swim asiore. All the bodies resenved better burial. Thereare, however, no coastguards at the spot o prevent plunder in anse of wreck.
Plymavth. - The Portuguese sorew corvette Bartholomew Diaz, from Greenhithe to Lisbon, eame
into collision at 6 A. M. on Saturiay 30 mies Eddystone Lighthouse, with the brig Magnet of of the rom Savianalo to bremon, with a cargo of coffeo. The corvette put into the Sound to ropajr damages. The brig was picked up derelict, and towed into harbour by the Cunard steamer Bulbeo.
Reading.-On Monday four poacherg, charged with keepers in tho employ of Mr. Benyon mperal game mer, last montl, were brought up for final examination and committed for trial at the assizes. The under pamekpeper, who was seriously injured in his head by heavy blows from a piece of iron or some other blunt ostrument, is still in a dangerous condition.
Rrpon-It has been resolved to erect a memorial to the west front of the Archbishon of Canterbury, in dioceso his grace was the first bishop Rupon, of which Sheffrend.-The Duke of Norfolk
came of age, has entertsined this wroek, who recently Hall, his tenants, and Rentlemen bold the Cuthers positions in this town. ? Phentlemen holding olficial third wall take place to-day. Upwards of 11100 invita
tions were issued. Barker, has beeu committed for trial on the Dile-cutten and having attempted to poison his father, mother the broth. Mr. Allan, chemist, who vermalen powder in of the broth into which the prisoner bed throsertion poison, discovered a quantity of strychine, and othe ngredients used in the manufacture of Battle's Vermin
smi
OWANsEA.- For five whole days the magistrates of posching aftray whicen engaged in investigating a ir. Llewelyn, J. W., at Penllerged on the preserves of sonseque. The delay in the eramination has of the keepers received, and which prevented theirs of the ance before the Bench. Eight prevented theis atend bended by the police, but the first four were disCharged. The wounded keeperg were examined effects of the injuries they had reveived then from the accommodated with seats. They all stated that the
attacked. A larga number no witneses men eaing the defence, the purport of whose epide
an alib, ou the part of the frisumers
asanl adjourten to Mindyy
 the case their most anxious man come to the muctu-ton that the prome
discharged. The care has created mome
throtaghout the locality than any nune had been contributed for that distrind for the deferice of the pris the fact that four men had already the offence favoured the idea that th
not identify their assailents. Svery not identify theirsssailents. Every day dmission
TaUNTON.-The conviof Bisprova, the George Cornish, at Wells, in Ausust last, wh
ferred on Tuesday from the Cuubty Prion apperred perfectly guiet and tractahle
health did not seom to have suffered wued mprisnntnent
West Bromwich - On Wednesdgy
the steam-engino at the bead of the athat plied the motiva power by whet the men and lowered at Whitehall Collıory, exploded cight men were at work below and wotn
before they could be rescued. Thay all e injury, but a man on duty in the enane-ban

## Ircland.

THEB NBW Lord-LiEuTBNaNT.-The marm bor adaress of the Friday evening, the Lord Chancellor in th Lord-Lientedant was present, and there wa attendance. His Lxcelleney delivered a the Jublin Chamber of Commerca Society and the Loyal Hortica.t "On wo repiging to the latter lits Excellen kan ily welcotue which yoal hiv
tative herv. I am net goars, whish havo fir theefir alje
wseful arts. It is the prorince

## to sther preful works, to beautl now charm to oner squazes and ond curts

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Earl Russell on The Ibish Catec
Russell has addressed a thirdletter to Mr ( Russell has addressed a third I etter to Mr letter containod a plan for tho Irish Church among Prot letter withdrew that plan. a sum of $12 n, 000 \mathrm{l}$. a-year shal the churclie and parsonares of the clera established Churel, and that sim ascigned to the Presbs teriaus a add to the R
 dwelline-houses fon Ca dwelling-houses for their respertive cleps
such other parposes as Parlianaent
These grants if adopted would leave g balance of $200,000 \mathrm{l}$, or more, annuall further purposes, and his lordsalp sman portion of this sum shal decuyed married couples unabl
too old to emigrate, might small portion to the support
children who, by the fault parents, are lodged in workhouses, less children and the remainder to

## of the land of Ireland.


 that he did n

## constables uera

vedutiols.
answerable for what he said. Il
breach of the law, nor did he ine
the the days before, while witnessing
Mrs. Scannell's shout at the electio
Hories, the Mayor rose and sad,
men," There words produred the

## I'urn him ou

Inay the Tories
he meatiog of
gatory to the polioes ande on a for
abogat upand remanded on the mere Euspicion Nong. 3r. Hamiton, a magistrate, contraof masistrates. Mr. Pollock, another justice
 s. strate nas that they lad not alfowed the fir the mure he sjoke the more
himgeit. The Mayor rejoined that the opinion of those who thought so pretty bo ralued the speakers. Captain Tooker that he had never witnessed such a scene. wor repled that he was entitl

> PeVIN AMMESTY - A meeting, convened by Lupeats Committee," to take steps for procuring to Round Room of the Rotutida, whech was 1 by shout 3000 persons. The Lord Mayor
sid was fupported on the platform by several sud whe rupported on theial platiorm by several , sile the bar was represonted by Mr his apemine remarks, the Lord Major . Li.e speakers and the audience the prosal their chances of success greatly
L.tlesn of apology for non-attendance, but Hi. $x^{\text {h }} \mathrm{h}^{\prime}$, with the object of the meeting, were stir.. Ih wan Calioutr prelites, aud ne from
 nh.i ted of political offences would be most hain that fromen every motive of by Mr. Butt, Tray th Finshan diovernment ought to release the 1to ers uneobutitionally, The saserifiees icersion of peare- Pulsomely ack aowledsed The trivproment had to choose between lreat 1 by torror or conciliation. If by terror zion to believe the appeal would be rejected, t were (Foices: We'll fight,")-sterner At series of of other resolutions followed he or,minom that the persons had expiated and that their release would tend to
raamp.illty of the country. The Mayor e $t$ ) "no of them, but his speech was or tians: but its moderation, in which it criplomtmg to his audience. Mr.
$\rightarrow$ and nt ubtain a hearing and after i a pelition to tho Queen, the meeting F) IIrvBY

Hiviby Gbattan.-In consequence ud been collected as a destimonial to himelon fur the creation of a fund to crect a ublic subscriplion has presided, and all creeds the Lur. Mas or presided, and all creeds were represented, resolutions were adopted, the erection of a publio statue to Gratten of Inshmen of all classes, and a comtrensurer were appointed to carry out the Fad 100 l to the fund, accompanagan by a Enti of Charlemont, eulogising Henry
the "dauntless champion of relagous
ria in Thpperary.-On Thursday morning turick Junction. A considerable sum of money, mas kown to have had in his possession, Den midere teken by the murdorers, Arrestis

## 触ailmays.

apist on ter Metropolitan.-On Thurgday thingegerer train from Westmonster to the City anise Cottaga ran into it. The driver and h engine jumped off, and escaped unhurt he methrown rormpletely on its side against ictunted When tho shoek was firt felt, volne in jurg. The whole ol the passengers,
 Hartes Dincombe shatto of Cromnell Road, London, have been oomid mast cously quarter Sessing to the charged yartn.ent of a firto olass railway carriage, a pitacued tontre compartment of a firs Aunday night week. When the train d thetone, mhere the tickets were collected, the rompartment had been torn down de drfendanls warmer, thrown out of the trate remeordnaly given into custody duy wero hand ing admutted to bail on the following $\pi_{\text {at }}$ proverd that the carriage was undepmert to by the defendants, and severa!
formtute on different parts of the line
1

Parlament under whioh the defendents were charged than fared them liable to penal sorvitude mor with or without hard labour, for a term not exceeding two years, according to the discretion of the Court the endants for trial. The defence was that the daruage was "done for a lark" and from the that the darmage of the witinesses it appenred that the defendants were the worse for liquor at the time. They were admitted to bail.

## 314 $\mathfrak{x}$.

ca
caso, which was an netion for assault, nnd false arantionoumeut Nurminted by the defen saist wat the plantiff in the island of Court that where by tho law of another country an aet oom-
plained of is lawfit, such act, though it would have been
Wrong ful by our lowy is

 (sir af Medeme Rachel -On Monday an application giv. Th on the inf of Madamo Rnchel to strikean attorney off the rolls the alle grod frauds of which sho, han hot she who was gunvicted. Mad of Ruokel's affidavit, which was vory lengthy, having beon rend
the Lord Chief Juatioe granted a rulo.

## Obituaxp.

Galloway, diod un sumday from wcarlet fevor, at the ago ci $\because$ R, Sik Wurias Juns Nuwny dued a fen dayb rince, at his He wass u suts of thu Luto Mr dimes Newton, of London, and attained krant popalarity an a painter of miniautures, and in

 knighted in 1837, and for many years held tbe
Mr. Wllisai Ewart, for many yeara the Liberal M P. for the Dumfries Burghs, died on the 23 dinst , at Broadluas, near Mr. Wilitam Zwart, mearobant, of Liverpool, was born tho hate arid educaled at Eiton, and Christ Church, Uxford, where be

 of Bletchingley, and reprasch,ted fiverywn from 1893 tull the
dissolutiou of 1837 , when he was defeated by Sir C Cresswell. Ho represented Wigan for s short timo in the next Parliameat,
and in 1841 was elected for the Dumfrica Burghe, by which he was returned at every subscquent, general clection down to
the last, when he retiren, on acontut of ill health. His zame
 Iunishment, the establihument of solhoola of debign, and of Mr. HETKY Ctakike Lacl, wf Withdoane Hall, suasex, furpublic d on the 2oth inst., agod fis. He waw a magistrate for the countios of Lancastar and Surrey.


 the capture of Matarlkoriko, the rifle-pite at Hurrango, and

 Rungiri, where he was afightly woumded. Ile had recelsed a







 fullowed by pluarisy, under which he gradually yuccumbed
 He was christene 1 Emest aftor tho king, who wan bia god
 conpposed a numbry of poema when vory young, which wore disaypearcd from home, and wes found with a bundle tyude his apmencudging across Laubuluerg to "help the Poles," who
 Mujor dones removed to Eragland with hif family, and in 1841 Fuing Ernest w.s qresented to the Queen by the late Dukike

bu resumad hir practice at the har. Thoe who had oppor
tunitice of hearive him tall of the dellght bo oxperienson in the prowecution of what he devincit to be thu pighte of the



 fever, fifter s long filness, ut the early are of 25. Bhe made comediotta of "Cupid's Ladder" and aiterwards sppor in tho "Disill Garrick," and other drumas at the Haymparket the
Btrand, and the Olympio. Her last appearanoe was ait buth
Kiby Quegin the meloirama of "The Lapleaghire lass," at the applause for several successive months.
WILiAt, Tho will of Lourd Fernham, who wat kolled in the
 hamers, of Darcey Hey and Fixby Park, Yorkahire,
 Nownhife, 200,0001 ; Field-Marshal gir Hew Dalrymple Rose Maytenant-Governor of Chalsen Honpital, 12,0002 , Sir lizchand






 Mrs. Mary Flmalie, of Woorlcote Pl we, Fpwem, Jolict of Mr Humghenn, Yorkshire, 3., (unul. ; , bin Archdeacun bentinek,

 80,0401

## f(andets.

## COVENT GARDEN-Jan 80

A large supply of Vegetahlea from the market gardenerb, Clanneal Itslands. Fruit is also sulficient, with the exception of good Pears, there being an unusual supply of lute Grapees
Oranges are very plentlful. Potato trade is dull, except Oratiges are very plentiful. Potato trade is dull, except for bert eaniples, of which there is a scanty bunply in general,
though there are large arivnls of Kidmoy Potatos of fine quality from Belgium, realaing 909. por score baga of abuut Tulipg, Hestha, Mignonette, Poinsottia, and Cyclamen5. FREIT.

 vegetables.

##  Cubbages, per doz., 1a to 20 Carrota, por bunche, bd to IJd 8s to 4 <br> elory, p. bund, Is 6 d to $2_{\mathrm{s}} 8 \mathrm{~d}$ ruenimbera, cach, 18 to 28 Endije, por doz, Is 6d to 2 A Herlas, per bunch, 2 d to 4 di , 8 d Horse Radish, p. H und. 3 tan to 58 Lettuccs, per score, ${ }_{2 s} 6$ od

## HAYY- - Per Lond of 3 e Trubsea,



| Kay 1058 tol |  |
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| Inferior do. .. .. 90100 | Inferior do. do. .. 100 |
| Prime. | Pritue 2d cut io |
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| traw .. .. .. 2883 | Inf |

Btraw
Hollywell Mata, 188, ; Weat Hartley 158. $6 d$. Weile Ead
 Walla kind Hetwh Lyouss 178. 6 d.
mold, 12.

METROPOLTAN MEAT MARHFI.-Jan. 30.
Beat Exesh Butter -. .. .. 19. per dowea lo


## LEADENHALL AND NEWGATR POULTBY, po

 Lardily enough to carry of che urpply from one day


Fresh Butter. Is 4d. to 1 s . fod per ${ }^{\prime} \mathrm{l}$.
POTATOS. - Sotriwarl, Moulay, Jan. 25 .
Durfig tho pant wetk the entrials buto boen modernte,




 tion slice Mondsy: the demand for consumption contin
stoady at firmer price, with a scarcity of cloice samples.

## metropolitan cattle market.

 ecarcell atered There is rather a largor silpply of Sheep,
the demand is very kood, ard they are readlly dispmed of at the demand is ver
 are 30 Beast ; from reland, 210 , froni Norfolk and Siffo
830 ; nid 1092 from the Midlaud and Northern Countices.

## Been Scote, zero-

Pest Bhortio
${ }^{2 d}$ d quallity Beasts Beent Downs and ${ }_{\text {Do }} \mathrm{Halt}$ Sbored
Baasta, 440 ; Sheeep

## s. d. s. d.

$\begin{array}{llll}5 & 2 & \text { to } & 5 \\ 5 & 0 & 8 \\ 3 & 1 & 4 & 4\end{array}$


The supplo Thirbpay, Jan. 28
The suppis of Beasta to-day exceeds the demand; trade is vower. Although the number of Sheen is not harye it is about as unual at this time of year, and quite equal to the demand.
 Calvea,
 SEED MARKET.
 eced trade fis quifet.
firse now bold pur Enstial2? Red Clower seed meets with a brisk money, New there fallitle on offer, and that nostly of an inferior quiality;
for one parcel, the quality of which was unusunlly good for the season, the owner refused a bid ut ojs. per cwt. Samples
of yearling botue grown kecd are held for lone values. of French and Belginh Red there is but little on ont market, nnd
 offering, and it is helieged that on account (tho defictency
the crop on the other side af the Allantic, no supply whll be
 in abuudant suply, rnd realises moierate rates, it can now in dull, without aiteration Fine new Trefoll seed if a little
friner. For fine Dew French Italinn Rye grass seol the trad



## MARK LANE,-MnvoAY, Jan. 25.

market, and the coutation being somewbat to this morning's were enabled to obtain an advance of 2 a . por qr, upon the prives of thls day se'nnight. There was a fair attendance the pricea currcot a fortnight since. Cargoes of Wheat of the evast brought an advance of 18. per qr. on last Monday's
prices. Barley hrought the extremeretes of last week. There
 altertion.


Birley,grind.d dist, isato 40 Cher, $46=521$ Malting OATS, Foreign ..gtinding a

## - Irtsh <br>  <br>  <br> 

Mazze

Fardar, Jan 29.
Mring the past week a better tone has prevalided in the
Inatances a recovery of in. per qr. on whest frorn the depressed
rates lately current; hut in the seaport towns where the
coast cargoes aro arriving the trade has zot been animated, deaiert and millers appearing more inclinch to pause in their,
opertions, hoping for easer rates through increased farmers' dange, but feeding Barley bas not undergone any quotable and Peas remained slow and foctive ot barety fors. Bean Onta have been sold at ©d, per qr. deciline. Flour continued a diflieult salf in the couthern murkets, but jin Scotiond a slight adrance was realhsed. The supphes of grain off the coast
this wreek consisted of 3.5 cargoes, of which, with thoso left over from liast week, there remainined for salie hast nigit of oargoes. The Hoatiug trade exhibited firmness throughout lant week's rates Slaize met with a slow sale at reduced Rrloea. Rarlay sold at a further decline of 1 la . per qr , and tride in wheat at well ish Fluotarions. Parlis, J\&n wery limited, and prices
unalitered. The unaltered. The eight ruarks are quoterd at equal to 3ifs sice.
on anle, but millern were dibinclined to purchase except at a
redriction. For foreign there war but little inquiry, and the eve sales made were at barely late quotations. Darley was
diffeult of sale and rather cheaper For Oats there was no change in prices, and trado was dull.


## To Laniscape Gardeners, surveyors, and Others.

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 ( ${ }^{\text {ARDORNER (HFAD).-ARe } 28, ~ m a r r i e d, ~ n o ~ f a m i l y ; ~}$

G AKDENER, (HEAD)-Age 3.5, married, one chitd
 Gurdening-F. W, B, Mes
Establishonent. Rearling.
(TADDENER (HFAD),-Age 43, married, no incum-

CARDENER (HEAD), where trust und confidenee are
 T. R., 16, Tabot Grove, Notefing Blil, W.

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CTARIENER, or GAKDENEK and BAILIFF-

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SHOPMAN, WAREHOUSEMAN, or TRAMLI


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## The Gardenerg $\mathfrak{C h}$ homitle 

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CEORGE HALL, Iate Mannger to the late Saynors
 BCDDNG KNIVEQ, SCISEORS, Ac. Myy bo obtathed from the I so Amperca, Fravec, Germanay, Holland, Prussia Rusfin, kingdotn, NB We only make one qunlut., the hast that can be manul.fetime, with all the antest improveuents. mays made dungig therr
 Other markin woutd cause dsapporntment, "Gts these bladtus sox Lemperd by a process known on y to the Maxers,
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approved of an be rotrued at onoe unconditilonally, Fhe Dellver All Ordornaxecuted on thie day they ara soriping Ports in England

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pleasure, do Wogdwork or Pantitionsi to mpede Vountintion or breed enmin, Hay Rick dispensed With ha unncoosasry, inereased width Corar to prevent orver-gorging, Cleanaly, durablo, and fmpertious to
 (opposite the Pantheon) Orford Sisreet, Loudo im. W., Where th In Stable Fituthges jutut focured by Patent




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B ARTON'S PATENT CIRCULAR-FRONT that will adapt to Roost any flze of Joint in Front of fitoantiog Fire,

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Currociting oite Dust.
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In the Patent Circular Resenge the Fire is angle-shaped, and when

Particulare, mith numerons Teatimonials, free on applitiation.
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USGRAVE'S PATENT SLOW COMBESTION hol water. It whil borm diny snd alkht for





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THB QUAKTERLY REVIEW, No. 251,

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 The Bast and CM, Which has now been eatabliohed for
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 SmTAYICAL MAGAZINE:- FIzures and
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## BRITISH FLORA.

## Heorrayings. 4

Por the Best Practical Information

## PRRMANENT PASTURES. By M. H. SUTTON, 

 $\mathrm{G}^{\text {LEANANINGS }}$ So. proce eng cloth, bxtra, postago odi, the





It is generally understood that her Majesty will open member for person. the Hon. Henry Comper, member for Sheffield, will second, the Address in the House of Commons. The executive committee of the aimost unaniniously, that, in the event of Mr. Birley aimost unsaimousiy, that, in the event of Mr. Birley being unsented, Mr Mr. Tillett, the unguccessful Liberal candidete for Norwioh st the eneral aleation has declined an invitation to come formard for the sent
declared vacant by the rocent eleation inquiry Mr.
Milner Gibson has nlso deolined a similar invitation. Miner Gibson has also declined a similar invitation. valive candidate, has not yet issued his address. The
Marquis of Hartin fon and his Conservatwe opponent Marquis of Hartin ton and his Conservative opponent, pursuing there convass for tho Kadaorshure liurghs during the past week. Trial of Election Petitions. - Mr. Justice tion, stating that he should reva one Lichaela petiColonel Dyott was duly elected and returned; that no corrupt practice was proved to have been committed by or with the knowledge and consent of any candidate and that it did not sppear from the evidence that porrupt practices prevailed at the late eleotion. On Tuesday Baron Martin gave julkment in the second of the liradford petitions, stating that he should report to the Speakor that $\Delta 1 r$. Forster election was valid, the costs to follow the event. On thursday Baron Martin decided that the election was not voided by the irre gularities asused by the negleot or 10 capacity of 3 poll-clarle, and that Mr. Rylands was duly elected the oase, and abandoned tho petition for a scrutiny. Ar. Justico Willes qave judgnent yesterday on the Westbury petition, to the effert that the election of Mr . Phapps was void, on the ground of intrmidation by personally guilty of corrupt practices, and that it was not appeared that corruption extenaively prevailed at the lest elertion. Theitrial of the Wallingford petition commenced on Tuesday, and is still in progress. The two Etorkport petitiong have been withdrawn. The trial of the
Coventry, Feb. 15, (iloucecter, Feb. 18, Hridgowater, Feb. 23; Taunton, March 2 , 1lereford, March 9 ;
 petition, declaring that Mr. M'Clure had been duly olected, and condemning the petitinners to pay all costs. Mr. Justice Keogh gate judgment yosterday on the Dublin petition, declaring the election of Sir Arthur Guinuess to be void, though not by his own corrupt acts, and ordering him to pay all cogit.
The Enniskillen petition has boen withdrawn, with consent of the Court, the petitioners being ordered to pay. Viscount Crichton's costs. The cross petitions pay Viscount Crichton's costs. The cross petitions
aqainst the return of Mr. Denis M. O'vonnor and Sir R. Gore Booth, for county Sligo, were withdrawn on Monday with consent of Court. The Cashel pelition on the 111th; youghal, on tise 19th; and Galway on the 2 ith.
Enthbonement of the $A$ beitbishop of Cantrb-BURX.-The ceremony of enthroning the new Arch cathedral of that city, in the presence of betwoen 2000 and 3000 persons from all parts of the kingdom, and was ar an former proveding of the same kind that has ocourred for very many years. iche procession, consiating of David's, Dly, Peterborough, Hereford, and Honolulu; the Deans of Canterbury and Westminster, the Arch the Deans of Canterbury and Westminster, the Archdeacons and members of the Cathedral body, the Mayor and Corporation of Canterbury, assombled in the cloisters at 11 oclock, and proceeded along the nave to the choir, at the entrance to which the party formed into file, along which the Arohbishops, Bighops, Deans, and Archdeacons passed, anc were conducted to the space withia the rails at the eastuction was performed by the Ven. B. Harrison Archdeacor of - Dis greal 2go, wa incapable of officisting. The Desn of Weatminste represented by proxy four Bienops connected with the Cathedral tho wers unabie, from inness or othe causer, to attend-the Bishop of Winohester as Pro vincial Sub-Dean, the Bishop of Lincolu as Provincia Chancellor, the Bishop of Salisbury as Provincial Pre centor, and the Bishop of Rocheater as Provincia Chaplain. After the ceremony, the Archbishop and Mrs. Tait, the lishops, the Dean of Westminster, Lady Augusta Stanley, and about 200 visitors were tained at luncheon in the new libmary of the cathedral THE BISHOpRIC OF LINCOLN having become vacan last week by the confirmation of Dr. Jackson's tranbla tion to the see of London, the Gazetle of Frida contained the usual conge d elire and recommendation worth to the vacant see.
Ther Bisfop of salisbuby was removed from Clarrdge's Hotel on Saturday to his brother's residence in Grosvenor Street. Since his removal he has not improved, and he st still in a very precarinus condition. Conrocarion.-A meeting of the new Convocation for the Province of Canterbury was held on Friday at the Jerusalem Chamber, in order to have the appromal and conseat of the Archbe House. The Oonmotion having been opened in due form, Dr. Bickencteth, Archdeacon of Buckiagham, who has held the office for mant years was procented as unanimousis chosen by the Lowar Hours, by Archdoteon Denison, Who made a Latin speech on the principal matters which are now interesting the clergy. The Archbishop, in complimentary terms, expressed his approval of the election of Archdeacou Bickersteti, and the new Pro locutor having rephed, Convocation was formally adjourned to the 23d inst
Colonial OpFice - Sir Fmncis Ro Sandford assistant-secretary of the Education Oflice, has beem appointed to be Assistant Under Secretary of State for Housh of Commons.-Mr. Henry Ley moond

Clerk Assistant of the House of Commons, has resigned
his office, and Mr. Rexinald Palgrave, who has recenty beon ons of the Examiners for Standing Orders in both Honses of Parliament, has been appointed his
Enocossor.

## foretgu.

Fraves. - In the sitting of the Corps Legislatif on Monday, Baron de Benoist explained his reasons for public meetings passed last session. M. Baroche replied on the part of the Government, and after M. Ollivier and M. Pelletan had spoken, the motion of Baron de relative of the Emperor, died on Wednesdiy, at her model arm of Korn-et-Ouet, near Rennes in Brittany. on T'uesday announcing a riaing of the tribes who have never given in their submission to the French. They Were advancing in numerous bands towards Tell, and against them. A subsequent telegram, dated Feb. 2, un at $g$

 besides varrying away many kulled and wounded. The French
loss io stated to be two nffers and eight soldiers wounded.
 Marshal Mac Mahon is expected in Alvicers on the stip inmised. Another telegram, dated Thursday last, says that the Fureny has been completely routed, and that the French are in fult pursuit
Spain.- The Gaulois of Monday published a telegram from Madrid, stating that in consequence of the choosing a candidate to the Throne anceptable to the whole nation, all the fractions of the Liberal party thad Whole nation, all the fractions of the Liberal party had decided to place the supreme executive power in th
handz of a trimmurate. which would probably ronsis of General Prim, Marshal Acrrano, and Senor Ihivero his election to the Cortes is confirmed. On Sunday afternoon a manifestation was made at Madrid vailed throughout. General Prim Perfect order preMinister of Public Worship, addressed the poepe and repeated their former declarations that freedom of Frovisional Government and fact, but added that the Cortes to decide the puent preferred leaving to the Church and state. question of separation between took place in Madrid on Sunday. Hundreds of pervice Frere unable to obtain admission from want of roons The owner of the house in which the services are held bas received an anonymous letter threatening him With assassination. The Government has authorised has returned to the Nunciature accompanied by Soner Rivero, and was received by the Civil Governor of the Province of Madrid on his arrival. It is asserted that five individuals guilty of complicity in the assassination ore civil governor of Burgos will be executed this 1500 orowns to the 1 anthorities of Saragossa have arreste governor. The known to belong to the Carlist party. The two Tristani Carlist chiefs have entered Catalonia by the Valley of further advancops have been sent to oppose their Belgidm. -Th
the Royal children, left Brussels en, socompanied by Chateau d'Ardenne, where thes will remain for some tima. The Prussian Cross Gazette of Wednesday, in a leading article headed "The future of Belgium," Powers that the in to the interest of all the Great Powers that the independence and neutrality of that country should be preserved, adding that if, contrary other quarter, allied Germany must $\begin{gathered}\text { etened from any }\end{gathered}$ talke her defence.
SAXE COberg-Gotria.-The jubilee in honour of The 25th anniversary of Duke Ernest's accession to the at the Castle of Friedenstein. The Presideninsters the Duke's national labours, and said that his Gopen progressad and undisturbed unity betwepment of liberal spective sketch of Highness, in reply, gave a retro duohy, and of his conduct as a Gevernment of the the afternoon a banquet was given to Duke Ernest by BADEN
structed by the Procurator-General has been in secution againt Bishop Kubel, coad enter a proarchbishopric of Freiburg, and Herr Burger, parish priest, for abuse of clerical power, in having excomProssia - Thomaster Stromeyer
deliberated on the Chamber of Deputies on Friday private property of the ex-King of ronfiscation of the mittee of the House brought of Hanover. A comapproviag the ordinance with the following addutionby means of conf.cation cannot be annulled excent Whioh the former Hanoverian long debate ensued, in Wiadhorat opposed tha committee's proposals, and demanded protection for the private propenty of King Was either justifiable that the projected confiscation independentjudgesonly, and not Legislative Arging that
were competent to decide on such a question. He, moreaver, alluded to the absence of any proof of or of a Committee of Agitation. Count BisPrussian Ambassador in Paris, that the Legion really does exist, and, moreover, numbers 1400 men, and costs in maintenance 300,000 thalers a-year. The wrustan Government, in concluding the arrangement friendly hied not overlooked the fact that a large subsidy was made to his Majesty by the Enclish Government. Count Bismarck further expressed hopes that King adding -"As his Majesty, however, considers himsalf in the light of a bellizerant, and conspires with foreigners to injure the fatherland, the Prussian Government is under the obligation to defend itself, and the committee were then adopted by a majority of 2 u 6 belong to the Party of who voted agains's the proposals belong to the Party of Progress. Nine deputies abstained
fron voting. In the sitting of Saturday the Government Bill for confiscating the property of the Elector of Hesse Cassel, was passed by a large majority. Count to be one of political necessity. It is expected that the Government will convoke the Customs Parliament for the month of May
ACsTRIA.-The Upper House on Saturday adopted, prose the Bill was introduced by the Minister of Justicouse ITalf. - The Chamber of Deputies on Frida Switzerland. The King left on Saturday for and Naples. It is nsserted that, in the event Ancona lities between Turkey and Greece, the whole Italian ironclad squadron will bo sent to Greel waters. Order Parma traillity have been restored in the provinces of qurently issued on Suturdy
teneral Cadorna, The Governmanting the mission of nitively settled the convention for the concession of the M. Lowinger. It has wlith Messis. Waring and concession for a direct line of railway from Florence Fell's Naples. Both lines are to be constructed on Re'ssia.-The Government has raised Kiew, chie third capital of the empire, placing it next to Petershurgh and Moscow. In consequence of th resolution an Imperial palace is to be constructed ther mithout delay. An Imperial ukase has been issued approving the formation of a private company to commence the leveling works for the projected railway ine from the Caspian Sea to Lake Aral.
freece.-Count Walewski, bearer of the Protocol the Emperor Napoleon to King Geaph letter from thens on the $28 t h$ ult. The declaration of the ConFrence was celivered to the Government by the French minister on the same day, eight days being allowed for an answer. On Tuesday it was announced that the Bulgaris Ministry, being unwilling to siga the Protocol, had resignod. The King, after acoepting ther resigation, entrusted M. Zannis and M. Deligeorgis with the formation of a new Ministry, These bers of thowerer, declined the task, and the memtheir portfolios on condition thet the to retain Conference be rejected. King George then of the M. Farmis, a member of the Chamber of then sent for accented the task of forming a nev Ministry, and of the Conference. In this new Cabin to the protocol will hold the office of Minister of the M. Faimis M. Delyannis that of Minister of the Interior, and Great excitement prevails in Athens and in the provinces
Minister at - Mr. Seward has authorised the American Minister at Constantinople, during the rapture beod offices ass and Greece, to offer informally his the Greel The Princiranent and the Porte.
has recalled the members of French Government Commission after five years, of the French Military Commission after five years' service at Bucharest.
at Alexandris ahruce and Princess of Wales arrived disembarked at the Railway Wharf, and proceeded Cherif Par Cand accompanied by the Viceroy's son INDIA. - The and Colonel Stanton.
Lawrence on the lath dinner given to Sir John native chieff are at present in Cery succeassful, Many pose of taking leave of Sir John, sand welco the purof the Punjab is stated that the Lieutenant-Governor nurpo Punjaub will shortly come to Calcutta foraor Ameer of Arranging the terms of the allance with the Aiven by the Indinn Gorer is stated that the subsidy Khan by the Indian Government to Ameer Shere Ali tisa consiste of 120,0002 . An outbreak of the Coolie The Government of of Sylhet and Cachar is reported. measures to meet the famine. The octroi very active grain are to cease for the present in those dist upon where scarcity exists. A most sersonable fill ricts had ereatly improved the prospete of the fall of rain order for the commencement of the irrigation works Behar has been issued.
CHINA.-A meeting of the leading merchants ba ractices of the Chow in reference to the fraudulent Every assistance has been promise and packing teas. Shanghae to prevent the fraud.
notified to the Japanese Governmed opening of the portsentatives of fort
foreign trade Hakodadia are conflicting. The northo the fied their intention of confiscating eversy UNITED STATES.-TThe House of on Monday, by a majority of 110 t
Intion in favo Intion in favour of the anneration of the $R$
Hayti and San Domingo to the Honse of Representatives on Saturday of 1.47 to 12 , adopted a resolution amend
stitution so as to prohibit the denial Suy person on account of race Senate a bill has been introduced, and of the iary Committee, providing that of the Federal Court of Claims claims of loyal citizens in rebel States. Spain for the purchase of Cuba hate the part of the United States by Sere beed pointed Presich Hon. Joseph Howe Dominion of Canada. The case of ${ }^{\text {asechasin of Mr }}$ D'Arcy M'Gee, was argue of Error and Appeals, at Toronto, judges delivered judgment on the cas aganst granting a new trial. The applied for leave to appeal to the leave. The prisoner was sent back the law to take its course, and CUBA-General Dulce has Provisional Government that a
has been restored, and that then
island is diminishing.
Paraguax.-Several combats took place s? last Paraguayan fortifications between quarters were 2 th Dember.
taken. Terrible lo-ses were sustained The Paraguayans fled into a wood, a Angostura was still untaken.

## (fity Entelligence.

Overend, Gerner \& Co (Limita returned true bills against all the directo Gurney \& Co. (Limited), who wer Guildhall. The witnesses for the pose under examination before the grand yury hours. The Court of Queen's
granted a mrit of certiorari for
Central Criminal Court agaight bo fou Lord Chief Justice expressing an opinion ${ }^{\text {t }}$ equence of the excitement preval minster. On Saturday the defendants the Lord Mayor, at the Jansion Honzera sureties, and entered into freshiocognisan or trial on the 15th of April, in the Court
Bench, at Westminster, and to be respons vent of convirtion for the costs of t The bail amounted in all to are of the defendant

## the leading number

retained for the defence, Palwer, Sir J. D. Coleridge, Sir John Mellish, QC, Serjeant Ballantine, Serf Giffard, Q C., and Serjeant Sletgh. notes duate the be necessary to march, has bee $\mathrm{V}_{\text {lce- }} \mathrm{C}$
Marcl

Thr Case of Mr. Edwards.-In con Watkin Edwards attended o 40 icitor before Mr. Commissioner \#ol Court in Bankruptey he is

## at the Overend Gurne

Edwards stated that, 23 his connectio ceased in 1861 , and his papers relating his memory, and therefore asked for ten him to recall the facts, and Holroyd consulted with the
he ten days were granted.
 direct of conspiracy to defraud brought liquidation, was again heard at the Kan iquidation, was again ueard at the fficial liquidator, snd at the clos

## ivestigation was again adjourned

Money Mareet, Friday. - Britisy git Consols closed at 93 to 93 , both to 98.

F

## Cents <br> Dgyptian ( 1884 ) 887 to 88 ; Ditto Mexican, $15 \frac{1}{2}$ to $15 \frac{1}{2}$; Honduras,

Altropolis and its Ficimity.

tment Police.-The Quee 3.2 s the Conimissioner of Police of the the room of the late Sir Richard Mayne ron uas or Wears at the head of the gland in 1sfin, and soon afterwards, on Joshua Jebb, was appointed chsirman Directors of Conviet Prisons. Shortly B , on the recommendation of Mr

## ciencr of the Police.-A deputation

 100 gentlemen, members of the metrorence on the inelficiency of the police,Bruce, the Home Secretary, on WednesHent the memorial lately agreed to on the rerision of the police force, and an alteraFis M.P., Mr. Sohn Locke, M.P., and if $P$, introduced the deputation, and of State, is reply, sald that many of the dugkestions made in the memorial were great deal of exaggeration in alleged the police, no doubt owink to mis-
He contidered that there had been no of crime, though from time to time there mpestion. At the me timo no me coull re was an enormous amount of crime in the he attention of the Government was He could assure them that the Governpolice force more efficient, and the laws more effective. They were not melined would be false not only to society but to s themselves. He trusted, therefore, that 4 suppend thir judgment for a few months
orernment had arrived at some conclusion ject.
sicipsl Goveryuent of London,-On numerous deputation waited on the Home afuential ratepayers, praying for muniripal be extended to the metropolis. The Edmund Beales, Jardwicke, Rev. H. Beal, Georke Henry Reeve, A. Ormsby, CE, John baries F. Hayward, F.S.A., \&c. The Fas introduced by Mr. Buxton, M.P., who bad been prepared. What he wished the a select committee, and that the Governhey approved of the principle would adopt ir own ; if not, that Mr. Bruce should ated, proposed to divide the metropolis into stricts, including the present cor-
having sepsrate and independent ts own local purposes, with one composed of representatives from the deal with the general business of London.
ral would the deep interest he took in the subit the same time it was best attention to approach of Parliament, to give that attenand therefore whe could not pledge himself ear, but he assured them that if he the Bills they had prepared, he
subject ts a Government mesure
fapory Leage e- A meeting of the members bealeas in the on Wednesday evening, Mr from last week, on the following resolution:


 a ropenled, rthe papaing claver franes of the and the franchise securedt to vobters by
this
this conamittee further expess e present comanitteace further express 3
fpass awny without shall not sillow th

## nga franchico.

hours' discussion, it Fas resolved "that Leacue shall diation on the question as Prigy
lie for India Lndis OFFicrs.-The SecreFisitors to see the India Offico every ate for Foreign Affairs, with inst., the Poreign Of has changed the day of admisbe admice from Thursday to Friday A delivenng their cards to the porter at the ary Catdweli, Shoeburinness.-On Thursday hlef, and staff, Hassan Pachs son of Emypt, the Director-General of Ord bryanes, and witnessed the thiel of arget, the new 8-inch No. 30 target, and
other experiments. This target is similar to the No. 29
target, with $W$ Farrior backing, formerly fired the Woolwich 9 -inoh 250 -pounder gun, with Palliser projectiles, and by the Rodman 450 -pounder, with pherin cast-iron shot the object of the tras Was to ascertain if the Chalmers system of dis-
posing of the same quantity of iron per square foot posing of the same quantity of iron per square fot preferable for the resstance of shot, namely, $4 \frac{1}{2}-$ nel ace or armour plate, ?-inch middle plate, and ininch skin, with front and intermediate backings of layers of planks, alternately iron and wood, laid upon each, and cortain numbers or sories, the whole quantity of iron being the equivalent per foot area of the s-inch plate The result slowed that ao advantage was gained in this respect by sur a disposition of the matertal, and that its employment in the solid form of a single front plate was more effectual. Some practice was afterWards made with the Moncrief gun-carriage, Colonel
Cierk's hydraulic buffer, and Lieutenant-Colonel Cierk's hydraulic buffer, and Lieutenant-Colonel akiss iron and asphalte concreto.
Tas Easter Review.-The committee of commanding officers appointed to report on the most eligible locality for the Easter Monday review, after receiving deputations from Portsmouth and Brighton, have decided against Portsmouth, so that the selection now lies between Dover and Brighton. The distance from London, and the refusal of the South. Western Company to oonvey the Volunteers, exoppt at a greatly increased rate, both for officers and men, were hief reasons against the selection of Portsmouth.
THR MARQCIS OF BUTE.- A rumour appeared in some of the papers last week that the Marquis of Bute was about to enter the Romish priesthood. Monsignor Capel, who had been mentioned as the authonty for the statcment, Writes from Pau to say that he never heard of, much less orimuated, any report of the kind. The Tablet moreover remarks that it cannot be true, inasmuch as no man can be made a priest at the age f 21 .
The Thames Embankment Viaduct,-A deputation, headed by Lord Elcho, waited upon Mr. Layard on Thursday to induce him to use his influence to prevent the intended Fiaduct from Charing Cross Bridge to the entrance of Waterloo Bridge from being Mr. Layard expressed his concurrence in of Works and said that, al though he had no power in the matter as the Board of Works acted under the authority of an Act of Parliament, he would use any influence he might possess to secure delay
New Blackfriars Bhidge. -The opening of this fixed for the has been already wice posp hor will compler 50 May, on which hajer exactly the hundredth annuversary since the opening of old Blackfriars Bridge in 1769
Indecency on ter Stagr. -The Lord Chamber lain has sent the following circular to the managers of all the thestres:-
Tha Lord Chamberlain presents his compliments to the manager of the
observations in the Press and from hat fearnt with regret, from mich resson to complain of the impropriety
prrformed in somo of tho metropoliting theatrea Ho has the increase, but ho has been most unwilling to interfere in a matter which ho considers ought zons properly to be left
the diferetion and good taste of the managers themselves the digcretion and good taste of the managers themseives
Now, however, that the question has heen talen up by the
Press, and public opinjon is being oxpressed upon it, he feel himacle compelled to call the seriousattention of the mansagera
to tbe sibject, for be cannot but remark the discredit that now justly falls on the atage, and the objections which are
being raised against at by many who have litberto frequented the theatren, but who now profess thenaselvea unwilling to
permit the ladies of their famidies to sanction by thetr presence overy he may ennfidently appeal to the managera to ansist in abating the evil compained of, which threatens to become a public seandal. He has purposely addressed these observations in the
form of a cirenlar to the manngers of all thentrea under his will gadly receive from them any ohservationa of auggestions
Destructife Galss.-The strong winds which at atervals last weok swept the Channel from the Saturday, Sunday, and Monday in a heavy gale, veering between $S \mathrm{~W}$ and SS E. It spept over London and the suburbs in gusts, accompanied at times with heav aiving At the oukpors lhe stormine wotsten giving notice that a gale was raging in the Channe and waraing vessels not thernand western coasts, partioularly in South and Wales, the ses rose to a great height, and com pletely covered the railsays running along the coast washing away the sea-walls, the railway metals, and th telegraph sires. Great damage was done to house and property on both sides of St. George's Channel by to enable people to pass along the streets Numerous Thecks are reported from all parts of the coasth Scotland and the South of Ireland
Society for Promoting Christian Know LEDGE.-On Tuesday an effort was made by the
Ritualistio party, at the annual meeting of this Soclety, school secure the appointment of men of thair mittee. The meoting was presided orer by thg com bishop of Canterbury, at the society's ofice, Lincoln's In Fields, and arterwards, by adjournment, at So amers lall. The quention to be dended wa ion, but offerng themselves for re-election- Itr. John Boodle, Rev. J. W Buckley, Rev. Richard Burgess,
Rev. Dr. Miller, Rev. M. W. Mayow, and Rev. J. D.

Hales, and the election of anew member, the Rev. E. Capel Cure, proposed by the committee. In opposition to five of these names the Ritualists proposed the
Rev. G. Hodron, Rev. A. Hlomfield, Hon. Henry Wal pole, Mr. Robert Brett, and Rer. Thomas Hugo There was a very large aitendance both of elergy and laty, and the greatest interest was manilested in the
proceeding, which terminated in the defeat of the proceedings, which terminated in the defeat of the ditualists and the election of the names proposed by he committee by large majoritses, the fowest of then highest of the Ritualist candidates. The six ol nembers, therefore, were re-elected, with the new member proposed by the standing committee.
The Ritcalists.-On Sunday the leading Ritualists adhered, on the whole, to the morie of celebrating the service which they followed on the previous Sunday It is, however, their opinion as a body that ther ought to wait before making any important alteratsons in their ritual until they each recoive some suerial instruation on the subject from their docesans. Mr. Hennett, Frome, and one or tho extreme Ritualiste at the East end of London, will oiler every resistance to the recen judgment being carried into effect, and will keep thei candles lighted on the altar until actually extinguished by episcopal ruthority. Mr Mackonochie, in the same spirit, will persist in burning seven lamps, instead of two candles. On Sunday, however, Mr. Macko water was not gt st. Aloans, having gone beross th Walworth, where tho service is conducted very muck as it is at St. Alban's, lighted candles and incens being disused, but the Communion Service being sion up high ritusistic form, with a proces Margaret Street, Mr. Úpton Richards announced to the congregation that he was grieved and after tha the late "wicked and mos unjust judgnent." At St. Mary Mardalene, Munster Square, which whs one of the first to adopt highte lights and bent, Mr. Stuart At St. Mary- Strand oincommetropoliton churches in which the recent judsmen is disregarded two candles were listed on the an prior to the consecration service, and Dr. Jvans, the rector, wore the eucharistic vestments
THE DeEBr.-It is announced that the Derby difio culty is at an end, the Grand Stand Committee having come to terms with Mr. Studd, and consequently the Derby will take place this year on the old ground stated that the terms to which the Committe have assented are almost identical with those whic they have so long refused to consider or astee to
The Untyebsity Boat Race-A full meeting of the Cambridge University Boat Club officers was held on Wednesday, when, notwithstending the eigh successive defants sustained by the Univeraits, it wis rasolved that the usual challenge should be immediatel Oxford on Thursday. The metoh is fixed for the 20 th of March.
Timour's Limbarf- - It is gtated that a treasure of priceless value has been found amons the stores of the India house being the library of Timour collected in the course of his conquests. Among other treasure re documents of extraordinary value conneoted with Pall Mall Gazetie moyed. This discovery, says the Pall Mall Gazette, msy probably
TRADE OF THE EAST EsD.-Some of the large ehid builders at Poplar hate receired orders for vessels for he Turkish and other Governments. Messrs. Wigram orvor traffic next summer, and to be mamed the Duke of Edinburgh and the Princess Alice
Metropolitan OUt-door Relief.-The followige Purn was issued by the Statistical Department Poor-law Board on Friday. It gives the sums expended on the relief to out-door paupers during the parochia ears ended with Lady Day, $1859,1860,180$, and 1800 n the 21 metrodolikan Unions which exhtbit the argest incresse of such expenditure


Strent TuAMFAya for Iandon - The Metrofitending ordar laot beal carue before the examine the standing orders had been complied with. The Bill hs also passed standing orders, Street Tramws






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 W ANTED, \& FoUTH, Mbout 18 , to work under


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## WANT PLACES.-Letters to be Poat Prid.

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I 1 RIVIJ, A Success Unprecedented
(ABDEAEK (AFCOVJI), in a geat Hert liatiment -




Tofermose-R, C , Poet Omos, Bijth, Works









 HOREMAN (U'vngR), in the Mousoe, -A Young Man


BALLIFF, or FUKFM IN.-Age 39, married; has had
 Street, Maldstone, Kent.
BallifF,-Age 32, married; wal be shorty dis



ro Nobiament and Gentamom' I MYROVEM for two Jears; Krut departmeas preferred




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## The Garomergi chromicle组的まわaner．

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HALSE＇S GALVANIC APPARATUS．－Extraordinary digzest on，Deb，itit，ic，Athmism，Loss ond tiscular Power，







## CORN8 and BUNIONS．－A Gentleman，many jears

 U tormentod with Corna，will bo Mippy th Afford Othetr the mifore pariod，withont patn or any inoonvolonge，Fronard

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 during Constraction, on terms to bo ascertaned in th
22, Whitebali Pata, London, 8.15

## 

Postronevfent of the Qreen's Retin luat the Queen and Iroyal famly wound 5 at Windsor Castle yesterday afterncon from I ( m m It Was, however, made known yesterday br lanto and woula not laave Onborne yerterday. tion has been received as to the cause of thatso ment, or the time when the Queen will refara rove count prince Lenold On riday the her Majesty walked and drove in the grounts Princess lieatrice, and drove out in the aitermar Princess Louisa. The Bishop of Peterborouzs
Osborne. The Duke and Duchess of Argyl zod Elizabeth Camphell arrived on a risit: On morning the Queen and Royal family attended Dine
Soryice at Osborne. The Rev. G. Prothero oficil On Monday the Queen hel. a Council, at nund Duke of St. Alban's and Lord Lytte.ton ment min
duced at the Council, and sworn in members. duced at the Council, and sworn in members,
Prisy Councll. The Earl de Grey and $\mathbb{R}$ poa Glarstone, the Dukeof Irgyll, and Yiscount Srobe audicnces of her Majesty. After the Ccuncll T:m rand of olive has appointroent as TiceCons lain. The Duke of Sr , Alban's hised hagos of the Guard. The Duke and Duchess of atre Lady Wlizabeth Campbeil left Osborne. On Tom the Queen walked out. In the aftermoon her Union Workhouse, near Parkburst On Medna
 and Prince Leopold.
The Prince ind Princess of Trales is ilanded at Alexanilitia on the $3 a^{3}$ inst, and prate in a viceregal train, which was in waiting for th:the palace of Kasr-en-Nil. his Ministers, received their Roral Highoesecu on platform, and conducted the Princess on bis am the palace, the Prineo and suite immedatedg the
His II ceritral hall of the palace to the oppoeste entise Where State and other carriages wriness ani into their appointed carriage, hunseli entered a the front seat, which was remarised scomeanid to a palace prepared for their accommodan
Ezbekiel, where, having seen their Ronal $\mathbb{I}$ zow Comfortably lodged, le left them In the etende? theatre which his brghness has recently buin a to the palace. On the ith their Rosal hikjay
to see the procession and departure of the op ingir Mecca. They afterwards proceceded to te es 10 On the Gth they took their dernrture for for them by the Viceroy. It
arrangements for the Prince of FF ales mi: stantinople are countermanded
The Deree and Deceess Frederice op ith IG-Holstern took eav and left Frogmore on p return to the Contivent. On Tuesiay nugh
Christian was the debate on the address. Levees and Drawing Riven
March
March Arthur will holu Levees at st, Jawes' Puat
Court Costerne, Notice has been given ins pleased to permit gentlemen attonding

7ar near eother of the following dresses, instead

## 

 Admes Hope, (fC B., has been appointed to succeed Chief at P rtemmuth
Chathan Durktads.- In. Admiralty order received at Chatban Drekgard directs the disanatinuance of a W.I be that a rait amount of utprofitable labour on
the yart of the alerks nill be ent rely git rid of. THe Wis OfFiCE Ge Gellcal Baliont the Assistant
Controller, reigned his ollis lat week, but reamed Controller, restined his olle e lat week, but re-umed
it on the next day, tho diffinilty which led to his
retrement having been remored. retrement having been remored.
The AscHDRACONBY of Surfolk. - The Arch-
deaconry of Sufflk, vacant by the preferment of deacoury of Suffulk, vacant by the preferment of has tren conforred br the Bishop on Norwioh on the near Woodbridge.
pablituentaby Molements - It is understand that in consequence of the late opening of the session, and the importance of the measures which will have to be discussed, the Faster recess not be of the usual length, but will be no longer than just to tide over Good Friday and Enter Sundas. It a neepting of the 13rad was formally areeptel as a maididite for the vicant Caused by the death of ar. Charies Bell, was iswed on
 as therr cataduate for the racaot seat.

## Forctam.

France.- 1 cireular of the Minister, M. Foreado de la Roquette, was published on Tours lay, relatwo to
the right of public meetmg. It says that the Governthe ripht of public meetmg. It says that the Governhberts, an 1 intends hatu eforth to repracall weme
and thereby separate from the rught of free meeting those excesses which can only have a compromisit) tendency. In tho sitting of the Legislative Body on Monday, the 22 d inst. Was fixed for the diseussion of the contrart betweon the City of Paris and the Credit Fone.er of France In the sitting of Puurday the antlormed by the Bureaux. Counl 1 alewskarr, ved a Marsolltes on Monday with the reply of (irepee to th leolaration of the Conference, and reaithed Daris on Tuesday. The Confurence met on Thurslay to recen the reply, and the ardheston of the Cabmet of Athens to the prinempee ladd sown by the conference havins been formally recorded, the conferente de-lared the diphomatic relations between Turkey and (oreepe prso a thank the two Govermuents, in tre name the Couference, for the deference shown to it counsels. After thiz the Conference declared itself in their censure of the $H, 11$ jouralis are very severe Chamber of Deputies, exteading the powers of the Goverament in forb, dding ralway compmies to cede their concessions. Thes enntend that the Bull orngt nated in groundless feirs, an. I sis calculated to impele France and Belcium, they condemn ins briten Cabinet for introducing it, ani express the hope that the Senate will quash the vote of the Chamber of Deputies. The France of Tuesday publishes ant artive headed "Publa Feeling in France," in which it says "Pooplo helievo they seo the band of Prussil in thic last



## the mimicic mind, is truly unbearable it is time to bave done

The Public, in an article on the subject, saye :-
"There is no Betyian question at iss ee. Lut $n$ serions yues by the Ministry now in power in Brussels We do not know
if it will be settled by legitimato roprisals on the part of France, or by the fal of the Boigha cabinet.
Tho Constitectionnel contans an article, of which the following is a sum mary -

We cinsiler the ve te of the Belgian Chmmer as a mark

 of the Ministry whal he annrlleal, number thand the the prassure
not disturb the peace of the worl.
The Pays, apostrophising Prussin, says -
"ou are inmane enough to tempt, ant prom. ke us, But roplaced by our hatred for the Prussians ! 1615 and Waterleo is impatiently awaited by Freach patciots. We well know the way that leada to your capital."
The Opposition, as well as the Government journals also publish articles condemning the attitude of the Belgian Government, which they agree in charging with fear or dislike of France, and with trurking to
Count Bismarck, who will, they assert, before long
 and Chambersoftoced sum an affrnt to rrume they Belgian Ainistry will not permit the project to kave retrospectire character, but will consider that such ${ }^{2}$
course would prejudioe the interests of the commercial
community. Full Pucha, the late Perme Movister of Turkey, died at Nice on Saturday, after a long illaess distressing. C'table to lie down, from the irritation of liw buek eans-yuent on a lonz recturb-nt pootion, the Pacha was sumpurted far metur meht- before his denth by elmga, whith were pasied under his aribs. His and lus losis whll be sorionsly feit at Cons'antinenlas Professor Mas Muller bas just been elpeted one of the The Pari- Mint is at present constitute of Frame. ajfr, a cording to the plan of the committee of monetary uniticntion. The ness coin will have the welght of the Eaglish sofereign, and will be called The Emperor. Durnite the late storms, two of the with Enalaud wese which connect Franco and The land communieations wheh jom the tlaree others on each stdo of the Clannel were also broken, so that ail telegraphic correspondence between Fran e and England Was completely suspended. For this reason the evening journals of Tuesday were unable to gtve the Queen's Speech on opening Parlasment.
Alumers- - A telegram from Alkiers states that periown of thie tribe of (Oaled Sids Cheitht, whith remamen fintiful to the (recerntant, surpr, sed the ful razala retup. on the 5 h mat, nil made a success
 Fotes agalnst in given to the Remath, an candidate, and Valera wero elected fien- Pran into, Cantero Riveru deliserod a speedh, in whidh he appeated to the Dejuties to pursile a prulent nal d1-nfied course the Cortes have since been occuphel with the verificaof the the electrons at a very inpwortant mwelumg it was resilved, that whent the ('Irten 'te comstitatel,
 of a new Cahnet, thas emblybs li, e soveresga Exconve Power. Privale ndyucas state that the ele tion of Dom Feraado to the Spanish Throue, and his of the Culoules has considered probable. The 3 inister inancial mok filiations and a unform system of juris huthon $m$ the Culones, ath abilishans the E elesassacsi Courts. An important mantestation ul favour of nent was worship and the absath in of capital punish tion in favour of tho abolition of militars comseription took place out the same day at Valladold. Senor Olozagz has Ieft Mrudrid, in order to sisit his estate near Vico. It is assorted that he will resign his seat
 of an lverian Ropuble have been secretly circulated in Portugal
ime since - A convention wras entered into some time since between the Luxembourg Railway Comagne a that the latter should tole, ine from trlon in the lusembourg torritors rum aroa, ehe Euxembourg territory, to wantarme to Bulwian Compul bory rut ha ant an mana mint and the Chumber of D+pathes shared thess approhensions, and the onsequence wis that measure was introduced into the Chwencer whe init a, measure tons of railways without tue authority of tha State. In the sitting of the Chamber on Sunday, this Bill wa carried by a majority of 61 tn lit. In the sitting of the ferred to the Commition on Judical $A$ faters, the debate upon it being fixed for Thursday In consequence, however, of the great exerterneut which has been oaused in Paria by the secont vote, General Renard, the Minister of 1 ar , 2eft Brussa autograph letter from. King Loopold to the emperor, explaining that the Bitl has purely a finameial hearing and not a strategioal one. It 15 sail. that the Mialstry
had previously drawn up an explanatory orenlap had previously drawn up an explanatory orrualar tending try salisfy France and to calm the susceptibilities of public opinion. For some weeks past a very fatal form of scarlet fever has been rasiog at Brussels, moro especatly amonr young women of the best
famulies. Among those who have alrealy fallen vicfamulies. Among those who have alrealy fallen vic-
t:ms may be mentimol Madle $f$ " Aremberts. Madlle dUultremont, and Madlle. do Marode, a relation of the late Mar iuis de Moustier
Switaerlanis - Notrithstandeng the petition signed of is 000 inhabitants of the Canton of Soleure, in Cavour of a total revision of the Constitution, the Cantoual Council have decided, by a majority of 7 o 19, for a partial revision onty. Negotiations for the conclusion of a rreaty of Connweree between Switzer and and the 7.liverein will be resumed in Berla nez month, and, it is beliered, with every prospeot of PrCssrs. - The Worth German Gazetto formall denies that Prussis has bean conneoted in any wis
with the Belgian rilimas affair. In che siting of the
Upper House on Friday the Bills relative to the confiscation of the private property of the King of Hanover, and of the Elector of Hesse, were agreed to by a large Lower House. During the debite the Brongh the count Blomarck delingerell a speecllis in ssluel property Kingy and conaterspzes by the prusplan Min in ifir ip tign

maynanimity such in hard never before bean wio oxample of history of Europe. Had PTrivia been defented, an ovent in the

THE GARDEYERS' (HRONICLE AND AGRICUITLRAL GAZETTE.


 To the Royai holte whict had fallen by its own fanits and



 During the discussion on the Bill confiscating the pro-
perty of the Elector of Hesse-Cassel, Count Bismarck perty of the Elector of Hesse-Cassel, Count Bismarek
said -

 the peace of Furope. It ing criming undertaking to ondeavour



 by teiegraph, hass hat a ning and whiche sent everywer
 ments are animated by peacefful intentions, and it ind Gorern-

 calm in the face of such el endervouro Thase moperap roemtrain
The Prinoe of Montenegro dined on Saturday with the Crown Prince and Princess, and loft in the evening for Vienna. Heinrich Ritter, the well-known philosopher and historian, has just died at Göttingen. the war of independence in 1815, he taken part in career as academical teacher in Berlin, whence he HUNGABY. The Tmperial Gortingen.
Hungarian Diet for the 204 th April was convoking the Thurslay. The examination of Prince Karayeorve on rerminated on Saturday. During the proceedings be tion of the propsitions his innocence. The authentionThursday, whlen thio Court decided tlat orminated on ceedings should be taken againat the Prince and MMI. Trifcovits and Stancovits.
the 1st of March. Mhe Crotian Diet has been convoked for the 1 st of Maroch. The Emperor and Empress of Austrin will visit Agram on the 8th, and Fiume on the RUSSTA-It.
RussiA--It is atated that thie preaarious health of necessary for him to make a prolonged residence in the South of France or Italy.
ITaLy - The King and the members of the Cabinet returned to Florence from Napleas on Sundan. The
Italian journals state that ber Royal IIighness the Prineess Margherita is in an interesting situation. The Chamber of Deputios re-assembled on Tuesday, and resolved to derote three days weekly to the discussion of the budget, two dass to the discussion of the
Provincial Administration and one sittung to $13 i l l$ of secondary importance. The tions at Herculaneum, which have been discontınued for 40 year3, to be recommenced at his expenze.
Monday last for Civita Vearquis of Bute left Rome on bis yauht, the ladybird, for the Tovant. He will remain in the Holy Land during Lent, and return to
Griscre-The new Ministry at Athens has issued a
programme explainivg the situation of affairs, nad piving the rexsons for itt adherence to the affairs, nad
the Conference. It has also revoked of taken by the late Goverament for the establishment a mational guard and for an extraordinary levy of positions they had taken up during the la crisy The Candiote refugees have petitioned the Forelga Ministers 昫 Athens for ships to enable them to return to Candia
Wednesday Pricilitige, - The Budget was voted on Wednesday. The estimated receipts are $i, 3,352,823 \mathrm{f}$, anthorised the Minister of Finance to issuamber has
Bonds bearing interest to the amount of taxes in
arrear. Prinoe Charles has issued a decree fixing the
botween the 22d and 30th of March
olection of the deputies between the ad and actual of
April. It is said that a conspiracy against the Prince TणुkBy.-The ${ }^{\text {S }}$
Minister of Foreign Altan has appointed Ali Pacha
Mobammed Rand Grand Vizier created office Ruschdi Pachi chief of the newlyof the Pricy Council of taste, Kodial Pach President of Finance, Midhat Pacha Governor of Bagdad, and

Oner Feoni Pacha Governor-General of Cret. The
widow of Fuad Pasha was received on Monday at the Imperial Palace, and was granted by the Sultan a monthly pension of the value of 2500 . The Government is also defraying the funeral expenges of the
deceased Minister. The Sultanc had ordered a frigate
to fetch the body of Fuad Pacha from Nice, but had to fetch the body of Fuad Pacha from Nice, but had
been anticipated by the Emperor of the Frenoh, who sent a man-of-war from Toulon to convey the body
to Constantinople. It is intended to erect \& tomb in memory of the deceased Mrnister. A proclamation sions anginst Turkey, has been published at Constanlinople, and has oreated a painful impression, The
Porte is said to have protested against the terms employed in the praclamation, and insists upon the
being retracted before official intercourse is resumed
CASDIA.-The chiefs Korakg, Criari, Laceada, Sfakaniaki, have sent in their submission to the authorities, and the island now enjoys full and entire tranquility. Christians in Crete, urging them to return to peacoful pursuits.
Persuins.-Advices from Tillis, dated the 14th inst, deny the truth of a telegram nubished by the Paris papers, statung that the Shah of Persia was preparing
to move with an army in the direction of Bagdad, and add that the Shah has no intention of so doing. SIx Turkish battalions, and eight cannons, have, however, been dispatched towards the Turkish frontier.
INyIL- - Sir John Lawrence is now in Ceplon, where he is making a short stay previous to leaving for
England. It is announced hbat Lord Napier of Mardala will returr to Eagland in April, Sir Richard Temple will make his financial statement early in Maroh. A surplus of 20,0000 . is expected. Sir Richard wiil then
proceed to England. Rain has fallen in the Punjuub and much of the crop under cultivation bas thereby been saved. Cholera bas broken out at Hyderabad and secunderabad. Disturbances are reported in Oude, oetroi duties on grain have been suspended in the olan of Kookhies, on the eastern frontier of Sylhet Woodlands and Soonartundee two tea plantations of the cooliess A body of armed nolice, followed by a detachment of the 7th Native Infantry, under Lieut. Logan, has been sent against them. It is officially consought refuge in British territory. The Viceror have sought refuge in british territory. The viceroy conabstaining from political intrigues and of their residing at a distance from the frontier. It is rumoured that in expedition is to be sent from India to New Zealand ceident quence of the recent rising. The railway The engine-driver lost all control over the train, which was going down an incline, and dashed over the mbankment. Eighteen persons were killed, and more Goverhirty injured. No European lost his life. A Government inquiry has been instituted into the affair.
The Sultan of Zanzibs has imprisoned the man Moosa, who gave false intelligence regarding Dr. Livingstone.
Aveshanis. - Accounts from Melbourne of January Raite that the debentures of the new Victorian
Railway loan have been sent to England by this mail From Adelaide we learn that an expedition has sailed to Burvey the Northern territories. The yield of Wheat
this season will probabiy be six and a half million bushols. The second visit of the Duke of Edinburgh is looked forward to with great pleasure in the colony At Sydney the Robertson Ministry has resisted the Onposition of the Parkes party.
CITNA-A A collision has taken place near Swatom between the inhabitants of some villages snd the crew exercisin ajesty gunboat Cockchater. The crew were natives unexpectedly commenced firing Ker, when the British were compelled to retreat, haviog had 1t of their number wounded. The officers escaped unhurt. A naval foroe of 400 men is proceeding to Swatow to obtain reparation, Her Majesty's ship Serpent has commenced taking deep-sea soundings between Singa-
pore and Gsle, with a view to the future lajing of a elegraph cable.
JapaN., The Mikado has received the foreign representatives at Yeddo in public sudience. The young St. Petersburgh by order of their governmant, to raturn home. Those who were in Paris and London in Europe being pron, the expenses of their residence in Europe being pronounced too great
Foreign Relations on Thursday Senate Committee on Foreign Relations on Thursday agreed almost unaniClams Treaty, but the rejection of the Alabama St. Jus Treaty, but reported favolurably on the office of Treaty. The President has accepted the pute bet arbitrator on the African boundary dispute between Great Britain and Portugal. General alection to the Presidenoy, declared that he would aithfully discharge the duties of his office, and oall around him men who would earnestly carry out the principles of economy, rotronchment, and honesty, members of he Cabined to announce the names of the to the Senate. On Tuasdry the Senato already adopted by the House of Represantatives, probanks, che acceptance of the pational currency by or loans. On Wednecday the new Tax Blll massed the dent has and now before the President. The PresiFith Columb the senata for ratification the treaty
 proposition to tax interest on Unitod Statos bonds wes

Tefeated on Tuesday in the House contracts made specially payable in doant Senate Committee on Pensions has committee say that it is a special mathera
there is no precelent, and it be oonsidered ty some other comminitted in Arkansas: 63 has been burnt Arkansas 68 Dersona were lost the
saved. Slight shocks of earthquake were
Francisco on the 28th and 20 th Hayrx.-The President of Hapti was sic near Aux Cayes. The French ndualral, had in Haytian steamer belonging to Salnare and ore for Port au-Prince. An earthouake onec au-Prince on the evening of the The.
subdued, is spreading rapidly, ind disaffar th Sesting itself in all the large ce Havunnah itself not excepted. A frah broken out at Villaclara, a central pocic
strategic $1 m p o r t a n c e . ~ G e n e r a l ~ D u l c e ~ l a m ~$ graphed for reinforcements, and has gival ior the insurgents
by court-martial.
Paraguay. - Accounts from the pine nounce the conclusion of the Parazuty and on January 2 s division of the Bere occupied Asuncion, the Paraguayman oipitit and had either fled with a ard retused to race or to Bolivia, or had concealed himeelf at Come the prisoners, is confirmed. Tho Braziran be ascending the river to Matto Grosso. The Sadowich IsLaNus.-Advices fron Hor January 15 state that a severe storm hat prem earthquake had been felt at Haspai,

## 

THE new Parlianent met on Tuesd time for the despatch of business. Speech was dolivered by comnission, and th CHons having been summoned to the bir

Administration.


## "I arn able to inform yous that my relations mith 1



America. In New Zealand, and that at one spot they have bar



 and should consi ler


## I if frmier contention

of publili interect, and oppocially in ona so int may bring thom to 2 happy lanue." at the Earl of

## AByafort

 ad Curve said it sanswer to th ord Cilnses said it was satisfactory vas colv thed in language that they $+$$-5=$ He tristed that economy in the publio and that the scheme for dealing with the and that the scheme for dealing with the tulments, so that it might receive the full and convleration to which it was entitled. Ear Le sad he was graterul har the tone of Lore the information which the House would Th before it respecting the Government tated that in compliance with the desire mmunty, the Bill for the reform of the - Marquis of Snlitsitray, Earl Grex, Ear! Russecl, and Lord'Westhory the more satisfactory distribution of the larlatuent between the two Houses express her regret at having been he state of her health from meeting His lordshin then moved that the be presented by the whole House. erday the Lord Cion, which was $r$ Majesty would receive the address of Earl Granvilles moved o'clock on akreed
mmons on Tuesday Mr, G on the lst of March he would move that the gointo Committee on the Acts relating to Besolution of rotice of an Eadowed Schools Eill, the EXERAL of a Bill for the Abolition of Tests Mr Leatham gave notice of a Lord R. MosTigu gave notico of a Bill to
we sco in Cattle; and Mr. Peter Taylos laughter by giving notice of a motion to The Address in answer to the Royal Mr. Disramprr gaid and armment had followed the eslutary the Address as not to ask the opinion by an unmistakeablo decliration on the Irited with the duty of dealing
the Chen; and it would be desultory discussion of a matter Government which proposed to and consideration of the House day for bringing it forward, he
be did so, his statement would aprit worthy of the gravity of a manner calculated to maintain
IInue. After some remarks on
toucher upon our relations $\$ 1 t h$ oucher upon our relations with and other topics, he concluded by ket an that the new House, by the before it, would justify the wisdom D\&TONe cordially acknowledged the is declaration with rech, and He explained some passages ould toen, and expressed his hent would take a fust and disfle measures which would be proof the empire, After some further
dress was agreed to. On Wednesday Secretary, gave notice that on Ir. Goseren announced for the promotion of uniform Lord R. Nosty in London and the ating to contagams or inf perpecathe and other anfmals, and for other ad ordered to be read a second time notica that on Thursday next rs for short terms." Mr. Mrevor Bill may next he will move for cGirs obtaing the Eeclesjastical relating to selling and hawking
goods on Suaday, and Me. W. Jonnstone obtaned (Ireland) Act. The report of the Address having moved that it be presented by the whole House. the Queen not to be able to meet Parliament at after a wide extension of the framechise. But ber Majesty degre which prolu them severe headache to mogre which at all periods of her lifle bad tried he streagth to the utmost. If the motion twere sereed to the Queen had signified her intention of coming to to was unusual to receive both Houses. Though to a Speech delivered by Commission, there was two Houses went up with an Address to the King, congratulating him upon the battle of Trafal though unusual and not to be followed as a precedent he held to be wise and judicious in view of the import naje of establishing personal relations between he Majesty and the new Parliament. The motion was leave to bring in a Bill to reform and re-organise tha endowed schools in England and Wales. He satd that he measure was designed to carry out the rocommenmited to four years. After some dicinssion leave be given to bring in the Bill, and Mindasion lhe seave wh March, was fixed for the socond reading Y $Y$ evarday the ControlligR of the Houseriold appeared a Address of the House at Queen Would receive the Address of the House at noon on Monday next, at
Buckingham Palace. Mr. Glanstons stated, in Buckingham Palace. Mr. Glanstons stated, in intend to repeal the ratepaying clauses of tho Reform Act, or to restore the system of compound rating in Lord Bury, Mr. Layard said that he waston, entirely opposed the Thames Be instituted by order of the House of Commons De instituted by order of
The Jouse was left eititing.

## olity Intelfigente.

Tife Case of Mr. Edwards and Ovbrbnd GURNEF, AND Co-On Monday in the Court of his explanation before Mr. Commissioner Holroyd of public by his evidence before the Lord Mayor in the prosccution of Overend \& Gurney. The Lord Clann-都 rect, and if so, how he reconciled his attendance at pany in the middle of the day twice arweek and his services to the company of Overend, Gurney \& Co his duties as of 5000 l . a-year, with the performance of ruptoy, and on what account he recelved a further sum great length, but which was to the eflect which was o amination was hostile, that he had no opportunity of refresting his memory by reference to Fouchers and had no protection from the Bench; that he attended the board meatings of the Atlantio at the request it was after office hours, and therefore not inconsistent With his duties as official assignee; and that if the 10 nool. mentioned referred to commission from the hillwail Company ho denied ever having received such a sum. He also stated that it the books of Overend \& in no respect responsible for the losses which the firm had sustained. He considered that the ceaseless labour be performed bad fom eatiod him to the 20, 0 mot. Whim were fully aware of the commissions, the payments, and the presents which he received, and tha ing him were unfounded, and in many respects per fectly absurd. Commissioner Holroyd said, that the reply of Mr. Edmards Fould be tramsmitted to the THE Mrrcter
The Mreceante" Company Prosecution.-The case for the prosecution against Mr. Richard Stuart Lane, Mr. Horace Edward Chapman, and Mr. Frederick John Helbert Helbert, three of the directors of the Merohantes Company, and partners in the late firm of Lane, Hankey \& $\mathrm{Co}_{2}$, of Old Broad Street was resumed on Friday, and again adjourned to Monday next, the 22 d . The other summons, for issuing false circular, in which Mr. Stuart Lane and 3 Ir. James Childs only are concerned, was adjourned to yesterday, When the case for the defence Was closed. The Lord Mayor then save his decision, and ssid that he had gone odrefuly over the bookg, was was of opinion that at the time the circula to the knowledge of the defendants. He therefore committed them for trial, but would admit them to bail-themealves in 2000 h , and one surety each in $2,000 l$.
Charles fufritre of Co. (Limitrd). - Vico important Sir R . Malios has given judgment in the others, in which the plaintiff, one of the shareholders in Charles Laffitte and Company (Limited), on behal of himself and the other shareholders of the company pelling the National Bank and the directors of Charles
$230,000 \mathrm{l}$, whioh the plaintif alieged had been The Fice-Chancellor beld that from the fund by which a guarantee Was giver to the Netional Bank for the payment out of the funds
of Laffite \& Company for 40,000 shares planed in the asme of the International Company, was illegal and raudulent, and therefore decreed that the bank could sequently restore the 230,0001 guantee, and must conLafitte \& Co. Messrs. Lew is, Renshase, Kitson, \& Bate having been the main promoters of the scheme and having taken an active part in its accomplishment lable, with the a breach of trust, and were therefore and they, the said National Bank funds in question of the suit."
Money Market, Friday. - Bertish Fonda Consols closed at 92 h to 93 , both for Money and
Account ; New and Reduced Three per Cents., 931 to 931 ; Bank Stnck, 242 to 244; Exchequer Billa

 Cent.s 41\}: Ditto Six per Cents., 641; Spaniah, 814
 Foyptian Railway Debentures, $96 \frac{1}{2}$ to 967 to Ditto (1868), $74{ }^{4}$ to 75 : Portuguese, 361 to 87 ; Nicolai, 67
to $67:$ Moseow, 801 to 81 ; Charkof, 811 to 871 ; United States 5-20 Bonds, 78 to $78 \frac{1}{2}$; Erio, $25 \frac{1}{2}$ to 25 ; ; Ulinois

## 

Mr. Bright on the Board of Trade and the
pany to her Majesty's Ministers last weak Mr Bright made the following remarke on his office in the Government, and on the spencines mande by the Archat a dinner given by the Company a few nights before :-

 particuaily counocted with commercial affarin, and he said he
thought the only reason was, that he was found to know less
of trade than any other man in the House of Commons. of trade than any other man in the House of Commons. I do
not profeas to be eble to
30 yay that, innoe for 25
years, may, for to jubhic and pullital n'iestioms, II am afraid myy amuly will internstr f the emantry. Bunt than at athy rate I fankew, that to muke a trade of pohties. 13 it this mame of trade will much more than it reank can. It is far more
department of counsel than a department of action.
It givea any quantity of pood advice to other departments of I ch. ge uphamy mollenguos that i great deal of that advioe in
whoify disregried. Now, if I had here all the Prime
Ministers that I have krown-I Ministors that I have krown-I whad not go so far back asmy own parliamentary experience, but I will gay the Primg
 Miniatess who presined arer the lepartments of the armay and
the navy, should bitterly emmphan of them that they hafe
been kinlty of the mont extriordinary and indefensibie wato and extraviugance of tho public respurces. $20,0,00,0000$. I I be-
liere, have somehow or other been added to our expenditure and tares duriug the 15 years to which I have referned, Now
this result has happeaed, besidea the money that has been
rial oul in taxation. Your policy of free trade atoppod
 I am at tho bead of a department which is hut pormitted to
 all queatmin sibmitted to them they gise good advice, but noticed aome remirks which were made in this hal. two or
three nights ago, the report of which was of a very humourous
description. in fact, I might ask the Primo Warden and lim

## prin hall beforc so folly a compayy. For my hiare I almost

 envy thow tight rev. gentiomen that they thould bo tohilarious on the occasion. What an extreptinary point
 in the House of Lows. That may lie true, but I much plty monk that I read if many jears ago, of the name of Ephrain Syrus, and when they wanted to make him a bishop be was office, and he feigned madneas and absconded that perilous avoli it. When my right hon. friend at the head of the Gosern to become one of his colleagues I did not felgn Western Railway. But if Ephraim Syris bad lived in our day absconded if they had asked to mave felgned madness or If I had boen a blshop $\rightarrow$ my hon. friends around me
 at. But I bat if I had been a bithything need be wondered
 as full of humour as thooe right rev, pentlemen. I might
have been as merry as any of them, becauso I shond have lad an inerbauntible source of rajoicing and of wercment certainly in the generosity, if not in the gratitude, of my port fortiveness for this fragmentary kind of spoed Mave

The Capitation Gbant to Volunteers.-A deputstion from the Capitation Grant Committee, chiefly consisting of officers from Durbam, Northamberland, and other northern counties, had an interview
on the lith inst. with the Secretury for War for the on the 11th inst, with the Secretary for War for the
parpose of bringing forward fresh evidence of the parpose of bringing forward fresh evidence of end necessity for an increase in the capitation grant, anc the different arms of the service. Mr. Cardwell, in reply, said that he was not at present prepared to say that an increase is advisable, but he fully admitted that a gradation in the allowanmes to various services is necessary owing to the additional requirements made on some branches of the service, and also the addi-
tional requirements in some localities. He was at present enganed in inquiring into the neces sity of such increase, and also into the possi-
bility of an improved organisation of the force, not only in relation to itself, but also in relation to the other branches of the reserve forces and the regalar army. He was not prepared to say that a Cromn Comto communicate with Lord Elclon, thts Committee, and others tho were acting for the volunteer force; but he Elcho, that no money inereaso would be granted at present. A report has since been prepared by a commeetiag of commanding and field afficars at Glasgoiz It states that after inquiring minutely into the condition and manarement of a large number of corps incrense of the comitation greant by at least, 12s. $10^{1}$ d a head is absolutely necessary to the vitality of the force; and that in some corps the men are actually one 10 years ano report was adopted, and a deputation was appointed to wait upon Mr. Cardwell, to ask for an increase of at least 10 s. in the grant.
Devonshire Vifla, Ceistrick.-It is announced that the Prince of Wales has taken the Duke of Dowager Durhess of Sutherland, for a termofithree the Accident to Viscotevt Jocfliy - On Monday Berkeley Square, in a hansom cab, the horse fell. His Cordship was thrown out of the cab and fell on his back, and sustaned mpury to his spine. He was taken to Lady Palmerston's residence in Park Lane, and was Sumediatey, and by Mr. by his hrother-in-law, Lord Sudley, and by Mr. Prescott Hewitt, the eminent
surgeon, under whose treatment, although suffering surgeon, under whose treatment, although suffering considerable pain for a time, his lordship is goins on
favourably. In consequence of the accident Lady Jocelyn was summoned by telegram from Broadlands. Coryper, M.P And Mrs. Cowner by the Right Hon W. Cowper, M.P., and Mrs. Cowper, also came to town on Thes
The Eister Monda Revirw.-The fingl arrangoments werc made at Dover on Wednesday for the present, including Artillery and Engheers, will com-
prise tozether about 3 man men, nnd steps are to bo prise together about $3 m 0$ men, and steps are to bo
taken to requist the convent of the 1 dmiralty to the presenoe and assistunce of a number of men-of-war and gunboats in the sham fight.
The Opera Season.-It is now decided that there will be only one Opera Company during the ensuing ductor of the Opers at Covent Garden, the wwo compantes wili bo united, and then joint performanees will Signor Arditi covent (tianden every night in the week LivbeTIr P to be conductor
has signified his intention of having on of Canterbury with a sermon, in his privato chapel in Lambeth limated number of persons will boughout Lent. A ohapel, on application to the chaplain, at the Palace. Perfersios tu Roye. - The Rev, Wi
bun, M.A., Ticar of Btcknoller, Somerset, has Hunayhis iving, and been received into the Churah resigued he was ecucated at Caius College, Cambridge, where he graduated in 1960 . He was for some time curate of vicarge of Bicknoller in 180, and was presented to the
CONVBRION OF CAST-TRON Convirsion or Cast-iron Gexs.-The first batch from swooth bore cast-iron suns, has been receiver at
Woolwich. They have been proved by the Royal Gui
Factories, and 60 have been Factories, and, 60 have been passed into the service, Works at Newcastle. It is stated that Government iron guns next vear in the gun factories at Wool wich has been matured whioh promises ultimately to estabsengers on common road conveganco for goods and pasengineer to the Thames Tunnel under Mr. Brunel, and the constructor of Westminster Bridge, is the invento carrying out the enternrise, which his been formed for objections which have hitherto obstruoted the exten admit of the steepest gradients of railways. It will also the rail emays, and develon industre and pron new trafic to directora of several rail ready access to markets. The arrangements will be simple, and Mr. Page wortimatg
THF Mrtropotiva
Metropolitan Boardian of Works have reeolved. - The
introduce the Metropol is Improvement Rate Bill in the TYE BOABD OF FRADE.-The whole staff of the Board of Trade have removed from their former offices
in Whitehali to Pembroke House in Whitehall Gardens, renently occupied by the Foreirn Office. The Colonial Oftice will now remove from Downing sereet Colonial Oflice will be demolished for publio improvements.
The Puor-Law Board.-The Right Mon. G. J. Goschen, President of the Poor-law board, on the
night of Wednesday week, paid a visit to St. Marylenight of workhouse, and spent a couple of hours in
bone
inspeeting the casual wards, and a portion of each departwent of the workhouse. The new galleries of the
THE ROYAL ACADEMY - The Royal Aoademy in Piccadilly are progressing ranidly and there is reason to beliove that the stipulation will be complied with. The walls of the galleries are pictures are not to be huag at so great a height as int
the old galleries. The size of the catalogue is to remain unchanged, and is to include a plan of the
galleries, so as to facilitate reference. It is stll undecided whether the sale of refroshments will be permitted within the Exhibition, as in the British and South Kensington Muserans.
Extraordinary Higi Tide in the ThamesOn Monday morning the tide in the river rose to an unusual height. nundating the wharves and warehouses on both banks, and causing great daraage to Vatuxhati, Nine Fims, and Battersen the Lambetb along the streets at an alarming pice, flonding the houser the stream is aradually sme upper part of the tracts of land are under water, espectally in the neigh bourhood of Readıng, Cookham, Maidenhead, Windsor and Datchet. The Eton Brocas, the Playing Fields the Windsor racecourse, and their vicinity are al
under water; the streets in Clewer parish are flooded and punts bave to be used to enable the rendents to Trin access to their house
four Chicf Constables of the Metronolitark Police will shertly be appointed, at salaries of $000 h$, a ear each. Tuesday last a giry of Cimideren fur Debt.-On away from the Gril's Refuge nit Faling, hy the sherifr's oticers, for an alleged debt of $3.3 l$. 11 s a $d$ and conveyed G. Jenkinson brought the matter before the Howse Commons on Thursdsy, when the Home Secretary said that he had made inquiries, and ascertained that not only was the statement true, but that the prisoner ${ }^{3}$ s two sisters, one 14 and the other 17 years of age, had aldo been arrested for the costs of an action. It was by the to be supposed taat they had been immeduage under some minake; but he would take Dearie in ThF Strer
this week promimently calls attention engistrar-General calculating from the returns of lat year feet that killed in the streats of London at the rate of 23 in six Weeks; the numbers registered in the six weeks of the present year are 24. He says that the chances of reduced, and that a fine on the owneers and drivers of the venteles would probably produce a salutary effect in he streets.
Afleged Covapirict to obtais Admipalty dany Mracts. James Thomas Gambier one of the Wednesday Mr. James Thomas Gambier, one of the first-class clerks in the Storekeeper's Department of the
Admiralty, Somerset House, and Mr. William Rumble, inspector of machinery afloat, were brought up in custody Sayer of the detective force ir Ther of the detective porce, upon a warrant sigged by
Senry, oharging them with having conpired to obtain 30 l. from Mr. Nioholas Mahon Marwell by false and fraudulent pretences. The case was conducted by Mr. Bristowe the Solicitor to the Ad-
miralty, and Mr. Baster, M P., the Parliamentary Secretary to the Admiraity, attonded to watch thy proceedings. It appeared from the statement for the prosecution, that Mr. Maxwell sent in a proposal for a contract for elm timber for the dockyarils, and that a and toli him aiterwards Ar. Rumble called upon him annther person, and unless he made termeswith him and another person at the Admiralty he could not get it the heads of the department, and by their instructions who were concerned beside Mr Rumble w to find out and by the aid of a detective Mr Gablin thater tn be implioated, one of the 102 Gambier was folind Maxwell by order of the Board, having been traced to was ad ourned After a good deal of evidence the case Mas ad ourned
Monday George and Poisonous Sausages.-On makers of Bethnal Green, brothers, but cs sausageshin Str in distinot shops, were charged at the Wor unfit fect Police Court with cutting up diseased beef offeers found two food. At one establishment the beef and at the ather the defendant limo quarters of animal, Mr. Ellison quarter, probably of the same
 monds, to three months' hard labour, Without the option of a fine.
Atrimparid Murder in Pincico--On Seturday
afternoon a tragionlanimir took place in Warwick Street.
 model-room, Dunbar becamo vol
uttempted to commit
Ir. Lynn imamediately suicide by cut
 stabed ar. Lynn in the rroin.
prevented from doing further mis
over to the police. Ho was taken,
the nearest hospital, and the mon, the ucarest hospital, and the mound in:
serious that ho is not expected to recorit?
wound is not considered danger Wound is not considerad dangerous,
hime Morderat Hacksky has issued on order granting a reward ain
discovery of five men who on then iscovery of five men who, on the
three weeks, murdered Sammel him into the Regent's Canal at Hackity
THE DOURLE MURDER IN Poplapwho were murdered at Blackwall man Monday, when the jury returned a vemes deceasod woman. Although if dars hare ha trace the perpetrator, for whose pospe lift of 1006 . has been offered by the In Heatus:
 registered in London and in 13 othar laseltr Was 20 per 10100 persons living, benis of $n=$ 22 in Birmingham, 27 in Liverpook, 38 in Leods, 27 in Hull, 84 in Nemeastle-mip. 1000 during the week ending the oft Berlid 40 per 1000 duriag the serea int inst. In London the birthe tho week, In the corresponding weak of population, was 3363 , number, correoted lue : during the weok ware 1426 . It .
of the year, and the average namber present retura is therelone 156 belor the number.

## 7rahincial.

Cambradge.-The Rev. John Yean, Yh of Gonviturer for the ensuing year. CABLISLA, -On the night of Settriay itas when cave Joha Ward Fras wallimi io is supposed, intended to rob him, buk whir the man ran away. He was howern mi persons on the spot, and was
Wigton Fo ind ho, fora the it hage Wigton. Fe itd has iun 10 a champer.
he was browht before the magistrates and
for trial. The medtoal ou theases stated inat not yet positively out of dagger. - If ras been apprehended for tha theft of a reatiac of the contents of the mail bag from Car.ayd burgh. Many other letters were mas.02, w. appears that the prisoner, who had been ais
the night of the robbers, went to bla wutb morning, and, tahing the letters h.to b.m " into the
consumed.
EtoN. The last barrier of the entre
colleges and oppidans at Eton Colleqe bas beon broken down, and the colleges are to bes into tho boats. shought advisable to put on a neri ergit and the $8 t$, George in the annmal procasion o the lst of March.
JRRSEY-OO Friday week, the State of is
passed, by a majority of 20 to 19 , the prave Bill for imposings fax of $2 d$, per lo. on th the purpose of ineremsing the reven States to meet the numerous and pricic upou the isfand's ozohequer for protic
kinds. Stnce than several of the depuie kinds. Stnce than several of the depubei s
stables of the parish who roted in the ar oeen so wrought upon in say form, inst adjourned the but on Fridart Bull for an increase of the iadirept ta dissentient voice. division on a motion by the rector of sh form a reserve fund of debt of 30, but ant order to wipe of the debt majority of 25 to 12 . Liverpool. -The Pacifio Steam Namyt
pany have received, by the $i$ tuantio Cata pany have received, by the dtlantio Cshias mayo, Peru, on the $13 t h$ ult

## Low estoft. In the

place, and geveral others
apparatus, sad the lifoboats out and
vessels.

MABat!n-During tha hesvg ge
cons on Saturday night, six veasels were baving gank, and four others having become bring sank, and four others having become All pa bosid one of them are rupposed to
Half-s.dozen Frecks on the Goodwin lis reported. The Quiver lifeboat was azsd in resouing the orew of a sohooner nonore pear ilargate disabled state.
-On Monday Mr. Charles Travers Fisher,
a Iersyman at Ovington, Suffolk, was 3 nersiman at Ovington, Suffolk, was
reite muitrates charged sith feloniously retile hlui-trates charced sith feloniously winzhm near a fipld in Thorpe Hamlet, as practisme witli a needle gan, in comender.e all tending to shor that the
re rulels aecidental-the prisoner was rimb limiar afternnon a foreign vessel, in sul $10-\operatorname{lit}$ to be of about wo tons burden, peece Ao one was seen on board.
$-T$ iron ahip calcutta, which Gunl last week hy her Mojesty's lav sure been placed in the basin at an1-9.r.d. The autharities hauthg deterin is wire sent down and discovered a hase been madr when she lirst struck
lark Emma, but when in the act of lark Emma, but when in the act of Before doching it will be necessary
telegra; hic cablo from the after-hold,
 1 mate in the fore rompartment were, it , throsn into the sea to linhten her.
Th cheves from its appearance that it , at way supposed, but that the erew
one of the vessela near at the thme. clet"ing found in the lifeboat was a rue

The E-nlesiastical Commissioners have Er grant of $5000 l$. to the fund for the Ripon Cathedral. The choir has alroedy was opened a few days ago with fices, in which the Arcbbishop of Co Botop of (iverifi - The Res. f. J. Merest, of Britanis Enntrive cuty, wral on Fri lay committed by the initening lotiors to the Rev. M. B. Workman, Fr of the (trure Land Sehool Gazetle, South-

## Irclamo.

He The Rrsidence for this Primes of The Irimh Thwes announces that the Prince und coomping lodge for hig Royal Highresse in Tomen of Ireland.
Iom-Liburanart.-Cardinal Cullen paid a Week to their Excellencies the LordItrinhable to be deemed worthy of special
IIe Pros, hif Pminence until lately having ramap at Dublin Castle
 urday evenms, at the Court House an tratendanve was large and infuential. LH W.- Were unanimously adopted.Tifperars views with horror and
 vermmented to prevall, asy then that,
fur the preveut the atmongest we zan most campesty call
conizty to nud and assint the
the finlty parties ant

recommend thatantring

of the lhy with the widows and families act on of the entered into for the disae murder of Mr. G . C . Baker at


## Scotlant.

## RTTERD

Honson in EDisicebor.-On
 at priminu to theyal Scottioh Academy at ne realtirue llarsey, the president, having hanke, spoke as follows guest, Mr. Jobmson, jo - iterest of his own coss:
of thie cosuntry, that they, and he was be frien it
and that wan not all. Tho cause of humanity of freo govern-









The Estates of Drumuond Castle - A case of importance, which was recently disposed of by the the House of Lords. The Seonnd Division recalled the judgment given by the Lord Ordinary, Lord Barcanle, on the $12 t h$ December, and llecided that, by the Scoteh haw as to treason and attanuder, the Earl of Perth, who has recentlv appeared as a mamant to the extenmye
estates of Drumond C'astle, in Perthshtre, helu by the trustees of the late lady Wisloughiby d'kiresby, had 110 title to suc. These eslates came into the
hands of the Crown on the forfenture in lif 10 of Lord Juhn Drummond. brother of the third Duke of Parth, Who became apparent heir to the said estates the the death of the duke in May of that year. The estate where granted by the Crown to Lord Perlia, father of tained that the estates had not been affected by the Act of ittannder of 1 , the and were still in the hereddfas gacens of the third duke; but the Court refused to givo
iffict to this contcntion. A petition of appeal will of horly be presentcit to the House of Lords by the Ear of Perth gainst thas deoinion.
Fatal Accident at Glabgow.-On Slundy mornin . a severe gale swept over Glasgow, during which a chimney was blown down, and corayletely buried two who were in bed at the time.

## Dhituary.

Tre Coustras of Dtahet ded on Monday lant She was the daughtar of the late Mr. Sweeney Toone, of Koston Lodye whom she had an only son, Willian Li Lal Fellic, Lord Huntimg Eliz
 moreland, and wise consca Lady Anne Beoket, and the Dowarer Ducheas of Cleveluad.
 Ladr Arabli,h BanNaryuy drod on the 10th fintant the
 Ale x inder Bannerman, Burt






 Aberdeenshire probebtery. The two masel the ardenli if an scott he afterwardis sold, by the nuthor's permisan writton by



 appointment wheh be held for upwards of 30 yeurs office, an appont Jonnt Huch Ee hela for upraris of 30 yeura
 irmukit hum into nutice, fici i rocently at ynnchenter
 As the feeling was very was sent out to fit up the machune
 he furnd it expedient to tako a phasport as a "former ",








 Konsington, 16,0 o 11 ,

## ffxakty.

COFENT GAIDEN,-Feb 20 .
Thare was lerge supply gencrally, and a fair market



 Appian par burbel FREIT.
Applas, per burbel, to to \& $\mid$ Melons, each, 2s to 48
 FEGETABI,HS.

 Cabbages, per dox, is to 28 Carrots, per bunah, Bd to 10d,
Caukifowers, Cornimh, p. doz, Celery, 28 trand. In 80 to 20 od





## 耳AY.-Per Lomi of 36 Trussen Smithizld, Thurgily, Fcb. 18 .

| Bant Green Hay - - |  |
| :---: | :---: |
| Primo mendow Hay 107 ftoll 1.5 s |  |
| Inferrior do. .. .. 90 100 |  |
|  |  |


 Ting Matrowaple Thurriay, Pob. 18.

 Inferior
Straw $30 \quad 34$ Infertor do.
POTATOS-SOOTRWARE, Monda, Feb Is
During the past wook the arrivais const wise, by rall, mild for the seasan, and trade very dull. Pricos declining mad our highest quotations are merely nomtnal:- (orstakire




## ENELTSH WOOL

We have had 2 quibet buik stendy mariket, and an there are appearracea of some large huging of tho better gradea o Down Woold abortly for ahipmont to the linted states, it is
probable that thin may glve a little more tone and alightly protablo that







HETROPOLITAN MEAT KARKET－－Feb． 20. Beat Prank Butter

Hops－－Borovah Mariext，Feb． 10.
Mearas Pattenden \＆faith report the demand good， erpecially for for

METROPOLTAN CATTLE MARKET．
The supply of Bearts is larger than on Monday last，yet it is rates；$i$ a claranaco is readly effected．The anzaber of Sheeep

is unusually small ；the demand fis very good，and prices bsve | advanced conglderably．Choice Calve日 are still searce and |
| :--- |
| dear．Our foreign supply conviets of 1810 Beasts and 76 | Calves；from scotiand there aro 30 and poos from Irelano land and Northern Counties．

Best Scots，Here－
fords，dce
Heest Shorthorbs
2d quality Beasts
$\begin{array}{llll}5 & 4 & \text { to } & 5 \\ 5 & 8\end{array}$
2d qualhty Beasts
Half bred

| 3 | $4-5$ | 4 | Do，Shorn |
| :--- | :--- | :--- | :--- |
| Ewes |  |  |  |
| 3 | $4-4$ | 8 | Do．Shorn |

Do．Shorm
$\cdots 4^{4} \frac{0}{0}-6$
 Thursday，Feb． 18
We have a few moro Beants than on Thurgday last；there is， however，a demand for them，and prices are about the same part disposed of，and more sheep，but they sitered．Good Calves are still scarce and dear．Trade is slow in all departments，consequent upon high pricess．Out forelgu
cupply consista of 410 Beasto and 94 Calves．

Sest Scots，Here
a．d．B．d
Sest Scots，Here
Best Shouthorng
$2 d$ qualty Beasts
Beet Downs and Beet Downs and
Half－breds
Do．Sborn $\begin{array}{lll}4 & \text { to } 5 & 8 \\ 2 & =5 & 1 \\ 4 & -4 & 6\end{array}$


Beasts， 880 ；＇vheep and Lambs，Pigs 580 ；Caiver， 15388 － 5
SEED MARKET．
We have to report increased activity in the agrioultural tions are exceadingly firm．New Engligh Red Clover bead comes to hand in very small quantititeg；although the quatity of moot of the samples is poor，holders ask long prices；for and White Clover bsed are without alteration．There is a moderate inquiry for new Trefoil seed．Wo have a brisk
demand for French Italina Rye－grass，fustard seed is very acarce，and commands in good deal of attention on the part of
 Bpring Tares are advancing in price；Brunswicke are in ahmet supply，and reailse long values ；in fow pareels of large Sootch
Tares have been sold on nur marte year．Sainfoim seed is in fait request at last week＇s quota－
cause great activity to prevail in the sead trade the ritess heavy rains having apparently caused many bayera to defer their purchases．Jonv SRAw \＆Sonss 18，water Lame．

Mark LaNE．－MovDay，Feb，15．
There was a small supply of Wheat from Eassex and Kent
 othors were neglected，apid remalued on the stands at a late bour．There wab a fair ostrendarice，and the busineas in day．Masting Barley was unchanged in value but foreign grinding，Beane，and Peas wore each 1s．por qr，obeappor．The Procs per miperilul Qoarter．
Wreat Basex，Kent，Suffolk，White $\mid$ S2．
＝

\section*{| 5. |
| :---: |
| $47-50$ |
| $49-52$ |} Noroll

Forelon


RYIE．．．．．．．．．．．．．
RYE MEAL，Foreiga，
BEANS，31azagha $3 \ddot{3}$ to 413. Tick 4－45 Harrow

Kaize aple 40 s to $45 \mathrm{~s} . . . . . . . .$. Grey 42 － 48 Forefg

markets of the kingdom bas been most loactive，and althonge bome further reduction in value，mallers and dealers have Eest 㫢mples of maltiag Barley moved ofline of slowly per qr．
 camplas fit fur seed，which were of 6 di，per qr，exceptin oft the coast this week consisted of 66 cargoes，of The aupplies thome left over from kast week，there remuane or for gh，with pightt 70 cargoes．The trade in Wheat arrived off the coast and we find that lattorly the first－class Wheats sur qu way move in proportion than odessa Ghirkas，\＆c．，have given the value of Bat thent low gricedinary Ragat and Taganrog decine．Rye steady．We did benss we observed no further forward shjpment．Paria，Feb is－The trade in Whent and The efght marry inactive，and prices were about maintained The ens at the Halle is entrimated aly to 38 s ． 9 d ，per 280 lb ． ansomoderate，but of ilish grain and forey and Maize large．Theat and Oats noming whs baily attom and Maize large．The The market thit
buinoes dono in forelon wns limited to A fow retall salog at
about the quotations of that day．Spring Corn was dificiult of Eale，but unchanged in value．
arbivals this Week，


DTANTED
ANTED，B FORKING HEAD GARDENER． seady，sober，cotive，marrled Man，no children，Wife to assist
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（ARDENER（HRAD）．－Age 36 ，married，no inctim－ CARDENER（HRAD），Age 36，married，no incum－
brance；Well
skilleal in ill branches of his profomion，Gook （TARDENER（HEAD）－－Age 27；thoroughly under
 （YARDENER（Hsad），married，－A Gentleman wishes
 （TARDENER（HEAD）．－Marred；thorouthly under
 （YARDPNLK（HEAD）－Age 27 ，ingle perfectly
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（ARDENER（HEAD），－Age 32, married，no incum－


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 CARDENER（HEAD），where one or th
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H
 Vines，Kitchen and Flower Garlen nage，ther Fshee
D ，Mr．J．Los，Nursersman，Crosdon， S ． （AKDENER（HEAD），where one or mit en


 （ARDENER，in a Nobleman＇s or Geulte branchen，Character will bur tha Exilotatimi．is （ ARDENER．－To Nurserymen

（ARDENER（SingLE－H LYDED）－ 1 Fiower and Kitchon Gardening，to．
17 ，Cumberland Cottognes，Kow，Snrey， CTGDENER（SgCOND）－Age 24；sux CTARDENER（SBCOND）－Age 23，is ast

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 HOREMAN，in a Nobleman＇s or Gentpmu HOREMAN， 1 a a Nobleman＇s or Gent：emas


HOREMAN（UNDER），in the Honser－－IG flity，apply（bs permbefon）to Catzess Thi cus，Ex．
HOIRESTER．－An nctive Msn，of exreivena Urseries，Cocston．
TOURNEYMAN，in a Noblemari＇
Garden，Where six or otght more sme Kin？

 $\frac{\text { Farm，Bnyford，Hertford，Herts．}}{\text { To Master Gardonars．}}$ IMPROVER（to work hobem wr or
 －YANTED to ARTICLE a Poligg Gertue
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FULEKK，BOOK－KEEPEK，TRY会 London And County Trito nid dat Fic

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## CARPENLER <br> Ond olazing

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A PRICTICAL TREATISE Min BRETING, he


## Londill- Joxavaxs, Gn

## $\mathrm{T}^{\mathrm{H}}$ <br> V R. BATLETY DENTTON undertiles  vuplange, a during Cons

To Landowners, Whether Tenants in Fee of

$T^{\mathrm{HE}}$
WIII Close on Saturday March 8n
SOCIETY of PAINTBKS In
ORS Adminnorion 18 .

Return of the Court to Windson accompanied by Prinoess Louiss, Prace Princess Beatrice, lef Osborut sest the arrived at Wiudsor at a quarter 0 Friday THs COORT AT OsBORNE,-On indisposition of Prince Leopold, Which her Majesty was unabe to leave 0 The Queen, arrompanied by Prin ees Was Priuces Beatrice, drove through
The Hon. Eve Maodonald arr. red and Princess lhat
Whinpulat
Oo Mondey tho Ousun The Red and drove with Louisa; and in the afternoon drove


Lidingergir left Simon's Bay in
on the tith Jauuary for Sivan River gate on the 6ith January for siwan River.
upocm was attacked with a sudden
 Thursday weck. Dr. Hoilmecister, of Cow is aht, and sir H . Jenner arrved theres early
worning, and remained with the Prince
 satisfactorily during the week that has pro-
duas
 mornink. Hor liogal ligo at at 6 occlock at Pribce are doing well,
was nnnounced to take The Queen's Court, ti. on Tuesuasy, the 2 d of of Marech, has huck hagham inlist-A Cabmet Council was held on Dowing Stret.
und, caused by hie death of Sir J. V. B. Monday, in the room of the the City If, withut opposition. The election for the fliartugion, the Postuarier-Ge wheral, tha eing 510 to $15 \overline{5}$. The Westbury election sesterday in the return of Mr. Pbipps, the
re candidate, by a maion to
 In the House of Cumponses on Wed Wesday Huittec was appointed to inquire as to the
 anr counsel ou the maier matter roferries to to themp. OF Eliction Prititions.-Mr. Justice sauruay gave Judgment on tho Coventry
eclarige that Messrs. Eaton and Staveley Conserrative sitting members, wero duly here grounds upon thich, for considering here grounds upon whicb, for the public
pet.tion stould have been presented. Nr. dectaring that Rave judgment in the corrupt no evidence to show or reason all the costs should fall on the petiJustice Blackburn yesterday decided ents to the payment of costs. He also Ireland Mr. O'Beirno for Caslel void, that Mr. hat Mr. Munster, the peta gulty of bribery by his agents. On Monday Mr. judgment on the Sligo petition,
Knox was not duly elected that and the grossest intimedation prevalled, and that Major Knox Falmouth, and Foughal, are still rawn. Baron Martin whll open the ret Dinch 9.
Wrd Chamberan heEss - In answer to inquiries vent regulation regards the Highland dress in the CHBCEITION on Court dress.
fite consectation of Dre Bishops,-On WednesUr. Matchard, to the see of Mauritice of urner, to the see of Graflon and Armidale,

Dr Wordsworth, the new Bishoping of an emanent members of the Lower House
ron, brth Houses, which are now in session, The resuit was an extraordiuary more the hirber dignitaries and elergy, many of The Archbishop of Canterbury who officiated

Ihes AivY- The OPen has conferred the ravh o Sartorius, one of the ferm survivors of the battle of
Trafalgar. The Greenwich Hospital pension of 1502 a Jear, Facmen by tho dealh of Sir Jamas A. Gordoo
has been grauted to Tice-Admiral the Hon. Josenl Denman The Good Sersice pension of 300 l a year, Facant by the appontmant of Sir llountoun Stenart
to the Goyernorship of Greenwich Luswital, has been granted to lee-ıdmiral Sir I? Suart.
Rejcctions IN TIIE ARMY AND NAVY, It is during the financal year of 1869.70 will be from 900,0001 . to a million sterling, and that the saving in the Army Estimates, which are now nearly completed, wili excced one miflion sterling imongt the statt appointments which will be abolislicd are those of Ireland, Inspector-Ceneral of Caralry, Artillery, and Engneers; two major-generals dil (batada, andseveral manor onlices, The three regimental heutenant-
colonels of the Guarls will also be abolished as unnecessary, now that the division has a general oflicer battalion of Guards as part of the garrisoun of Dublit a Convocation.-Both Houses of Convocation of the Province of Canterbury assembled on Tuenday at bishop presded, and tbe first busitems was the adoption of an address to the Croun, of which the prinupal
passage was as follows. passage was as follows
Which may bo proposed to learlanament to the frocecilings Branch of the United Church of England and Ireland, aud we of amid the conflicts of pottitical pirtles; and wo pray, whatit may tend to that which all loyal hearts deglie Legislature
enlightenment, and pood government of Ireland." The address was then sent down to the Lower House when Caron Blakesley moved that it be adopted as i stood, remarking that its moderation troud relommend following as a "rider" to the address.-



## Mary, elap, b, Ntal uther

## secnlar purposes any purtion of the property o which have ween dedicated to the maintenanco of of Almigbty God and the supyort of His minister

Archdeacon Freeman seconded the addition of this clause. The Dean of Ely remarked that such an her Majesty to put lerself into confict with pe liament Arehdeacon Moore orr owed the ruder on the samo ground. Archdeacon Deninon and lor. Jebb sumported it and the latter, 13 , derward by Mr. Gladstone as an "abominable measure" The Dean of Westminster reminded the House that they were not in a position to discuss matters, as no measure on the Irish Cluarch had yet come before Parliament. A discussion ensued, which iasted severi Harvey, Chancellor Massingberd, Canon Thomas, Mr. Hughes, and Archdeacon Mackenzie, took part. A Hughes, and Archdeacon Mackenze, toor part, A
show of hands was then taken, when Canon Selwyn's Denison then moved nother "rider" as follows."Abuve all, we are constrained by our senso of duty to your humbly to represent to your Majesty that the discestablish.
ment of the CLureh in Iret and cannot bo had withont repada.
tion on tho part \& this nation of the necessity nud yalue of

Dr. Jebb seconded this addition, mhich was carried On Hednesiay the (rpper Houso did not meet. In of resolutions on church disciphine, with a request that the Upper Houne would appont a committee on the suhject. Canon Selug moved the omssion of all the deacon Hale seconded ths nuotion, whteh was carried by $36^{\circ}$ to 22. On Thursday, in the L'pper House, the ameuded address having been brought up from the Lower House, The l3shop of Oxford opposed the "riders" of Canon Sclwsu and Arelideacon Denison, tuting for them the followidg clause:
"We look forward with deep anxfety to the mensures which law established fn Ireland, and we trust that the interests of crue religion and the just clatms of that ancient and refirmed

The Bishop of Peterhorough seconded this motion which was carried. The other amemaments of the Lower House, respecting an increase of the episcopate In the Lower Hosuse, Archdeacon D+iliann presented : petiton from 99 "priests of the Chursh of Eavhata, Church," writen AD, lfisg, in favour of the st real preseuce, and asking that they in fflirming thas dictum might be proteated from the imputation of


## Forcteth.

## Firance.-The French Guverument has sent a cir-

 cular note to itz dphlomatic areuts abroad, briefly
 Credit Foncier of France was rcouwed. M. Thiers
 Toldy the explanations given in the Belgian Seaste by M. Frere-Orban relating to the Railway Bill, but have
conastlerally y moderated there tone ag. inst Belgium.
 sary to enace the mistrust to which the passing of this of attiars remains in statu tro, and that the rikhtion of Pablectis of Railway of France are still intact. The
Fun that the declaration made by M. Frree-Orban is rquivalent to a retrent. The Con-
stututiomel, bourcer, expresses confilence in the stitutiomel, bowcrer, expressos conflence in the
isisum of the Kiva aid peoplo of Belgiuna, and hopes that the question raised by the vote on the Ralway B3:l will not enter a phase fikely to justify the alarms whinh have beell circulated The seall have lust been


 volumes, contaning notes urade by Napoleon I. st St. Helenas The Princess, besides her property in Brittany, possessed an estate at Trieste, which producea ar evenue or $10 r, 000$ franes a year, the whole of which
is left to thio Prince Imperial. A collision took place in the Gulf of Geuoa, 1u the night of the 17 th , between the Imperial despatech-boat Latouche-Trestlie, on her
way from Toulon to X ice to reveive tie body of Fuad Way froun Toulon to Nee to reveive the baly of Fuad
Pasha, and the Prunco Pierre, of the Talery Corapany.
The later was cut in two, and sumb iu five minutes The latter was cut in two, and sumk iu fire muntes,
and 13 of Ler yansenkers were drownct. Tlio deppatchand succecded in sastne ab, ut of I Proous, amonog MLone was M. Garini, denaty, and lerother omong the
Prefect of Nice. Tlie disaster is attributed to a mistake as to the " rule of tho rode" at =eta "The two vessels had sighted each other, tho lights were all in therr proper position, the weather was fair, with a slight breeze, and the sea osinn; butin their anciety to avoid each other both went to the starboard side, and so ran into each other at full speed. Sedan chairs have reappeared in the old Faubourg St. Rochefolicault-1Braccia the Princess de Ba Madame do nd the Marquise de Fineenes, uie them for going to church and for short moruing tists. I special toilette has been inventeal for then, consisting of a black mantilla trimmad wath guipure, and the costume is called sortic díghase An Englisis groom called Carmann, who suid that he was the jockey of an English noblehorses, was found a fow nights aro in the Champ Ely eées with a knife stoking in his chest, and with seven wounds in his back. He has since died in hospital, and no olue to the murder has been dis-
covered, the man himself having to the last moment covered, the man himself having to the last moment refused to furnish any information as to the affair
on Saln.- In the sitting of the Constitutional Cortes on Saturday Sedor Rivero was definitively elected President by 167 votes agaust 47 given to Senor Orense. In the sitting of Monday Senor Rivero thanked the Deputies for the honour they had conferred unan him in electing him President of the Chambers. He said that he would use all his onergy towards fulfilling the duties of his office, and invited the House to lasten the work of recolnatruction. The Curtes decided unani-
mously to be buund by the rules lad down in 18. until a committeo had drawn up spectul regalations. Marshal Serrano then a dressed the House, andaouncing that the Provisiomal Goverument lud resigned one and urgink the Cortes to avoid all delay in proceeding to their task. Geberai Pram, replying to reports earculated by Paris newspapers, declared that the late dynasty should never reascend the Throne of Spain, and that he would never, dirently or indirectly, atd in endeavours in favour of the Prince of Anturias He concluded by relterating that he had joined Marshal Serrano to destroy the former régime, and would tion. Admiral Topete, in a speech which ras loudly cheered, asked for and on may Which had solated me mintary la in order to save the country and bestow hberty upon them fellow-country-
men. It was then moved by one of the sceretaries of the Houac that the Cortes should pass a vote of thanks to the Provisional
Serranowith the evecutive power and the for hatmon of
a new Cabinet. Tne motion was sumpre an a new Cabmet. Tne motson was supprod is D2,Hty
 ment to the eleet that there
sider the motion. Sigtuor Castel ir ans Surmio ()rense The debate was then adjourned to Tuesday when
 "The Judges conrider thts one of the most powarfor and unatue Bollert for geoceral purposes,
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(1RESHAM LIFE ASSURAN


320me IVems.
RBTUBN OF THE COUBT TO Windsob. accompaniod by Princess Lonisa, Eatact Princess Beatrice, Helt Osborne yestith arrived at Windsor at a quarter to 20 ciday THis Court at Osborars.-On mid by return to Windsoe was proold, in conser which her Majesty was unable to Saturdgy Sir William Jenner amired le-s ha The Queen, accompanied by Priless Princess Beatrioe The Hon. Eve Macdonald ar and Yrincess 13 a arice, attended Disme srab On Monday tho Qusen walsed and drove mit Louisas: and in the afternoon drove out

##    <br> Biehtrestithl the 4ruwow was prcas lac a bs Archdeacon <br>  <br>     Churob quession and aths angrocted union of the Wesiegans and tue Etablishment.

 Sartorius, one of the feip survivors of the batile ofTrafilgar!
The Grean ich
Hosytal
pension of $150 l t$
 Denman. The Good Serrice pension of 3000 , a searr
vacant by the Yacant by the appoin tenent of sir Ho Hostoun. stowart
to the Gorerocraship of Greenwich Hospital, has been granted to Vice-Admimal Sir R Sulart
 reported that the seving which Mr. Childerry will effeet during the finanioll year of 1889.70 will be from 800,000 . to a million sterling, and that the saving in thi Army Estimates, which
will are now nearrly
oompletectd will ezceed on milhion sterling. Amougt the stant Director of Ordnan ce, Conemander of the Forres in Ireland Ingpector-General of Carviry, Artillery, and
Inline

 unucessary, now that the divsion las a general) fificer
 Covvor ATriN. - Both Ho Hese of Con ocation of the Province of canterbury assembled on Tuenday at
Westminster for the despatch of business. The . Trchbishop presided, and the irist business was the doption or an adrrese to the Crown, of which the princtipal
passaze passago



 The address was then sent down to the Lower House Then Canon Blakeseley moved that it be adopted as it
stood, remarking that tus mod eration Would recommend stood, remarking that hr moderation would recommend
it to the
House.
Canon Solwn then mofed the it to the House Canon selwyn the
following as a "rider" to the address:
That thi Uper House bot roquested to concur fn an

 Hixich have ben dedidated to tha maltenanace of t
Archdeacon Freeman seconded the addition of this cinase. The Dean of Ely remarked that such an
nidition would teopardze the Crown sinoo it troyed nhar Man wosty to put herself mito conflict mith Parliament Archdeacon Moore opposed the rider on the same rround. Archdeceocon Denison and Dr. Jebb supporten thad the cater, denounced the Irish Churen Bill to bo brongh The Dean of Westmintuter reminded the House that they were not in $\frac{\pi}{4}$ position to dizouss matters, as no
 Parinament. A discussion ensued, which lasted several
hours, and in which Arvideacon Grat. Lord A. Harrye, Chancellor M assingberd, Canon Thooras, Mr. Hughes and Archdencon 3tacke ezzie, took
"rien" was carricd by a larren, minority tanon selwsn" Trider" Mas carricd by ararge majority. Archdeacon Denison then mored nother



Dr. Jebb seconded this addition, זhich was carried On Wednestay the tpper Houso did not meet. In the Lewer House he her Ji. Joyce movea a zeries
 the Upper House would appoint i committee on the subject. Canon Selwyn moped the omission of all the resolationa, 50 an to ast simply for r committee. Arch-
 by 36 to 22 Od Oe Thursday, in the upper House, the
amended address havink been brought up from the amenced address havine been brough up rom the "riders" of Canon Selwsn and Arohdeacoon Denison, as uncongtitutional, and mored their omission, substitating for them the following clause:-

To look formard with deop antity to tho meurures wheh

 coutical partion
The Biehop of Peterborongh seconded this motion, which was carried. The other amunilments of the Lonmer House, respectin an in iurease of the episeopate In the Lemer Hounse, Arobdeacoon Deaismon presented on
and petition from 99 "priests of the Churceb of Eopland," containing pestapese from Thorndibe's "Laws of the
Church." Church,", written $A$ D. 1 bs9, in farour of the "real presence,", and agking that they in anirmink thly
diotum might be pruteoted
from the imputation of unlaithfuliness to the Church of England, insmuco

## JFortign.

Fasacs- The Prench Gorernment has sent a circhat note to its diplomamio aseant abroed, briefly
detaiting te resulto of the Conference, M. Troploug
 sition or the Legisistive Boiy on Tuesday, the diwrys-
sion on the contract botween the City of Parrs and the Credit Foncier of France wae rosulued. H1. Thlerg
 tration The Goverament journals have recoived very


 of affiririvem rive Thic Patren state that tho position

 Frere-Orban if eauvalent to a retreat. The Cond sututionnel however, expresses confidenee in in the
wisdom of the Kina aud peoplo of Balfium and hone wistom of the Ring aid pooplit or Beigium, and hopes
that the question raied by the yote on the Rail way Bill will not enter a phase iikely to justiry the alarms Take have becin cirreulatery. The seals have juat been taken of the property of the Princess Bacciocahi, in
prasenceo of Marshal Vaillant and M. Chessai ine
Goroon. prepresenting the Emperor and the Councill of State taken to the Emperor, are suid to include 45 different Folumes, containing notes made by Napoleon I. at St. Helona She Princesa, besides her property in

 is in the the Prinee imperial. A collsiun took place
 may from Toulon to Noe to recentu tov boty on Fuad Pasha, and the Prince Pierre or the Valery Company. and 13 of her passengera were drowned. The despates.-
 Prefeot of Nice. The disaster is attributed to a mistake as to the "rule of the rond" at sean. The two vessels had sightod each other, the lights were all in
 glight breeze, and tha dasa calm; but in their anxioty to aveid each other both went to the starboard sides
and so ran into each other at full spead Sodan and so ran into eacho other at full spead. Sodan
ohairs
Lave rean reappeared in the the old Panbourg St. Germain. The Princess do Metternich, Madarge do
 church and for short morning visiste. A A speciill toiletete las been invented tor thelu, consisitiag of a black nan-
 who said that he was the jockey of an Eanglish nooblemon, who had sent hiin to Peris with some race-
 even wounds in lis back. Ho Has since died in hospital, and no clue to tho nirdder has been dis-
coverect, the man limeal having to tho dat tmomest reflused to furni,b any ifformation as to the affriir
Spaln- In the sitinn of the Constitutional Cortee
 The Vico-President sand secretaries sere a alsor re-e-ecene.e. In the sitting of Mooday Setior Rivero thanked the Deputies tor tho hooour they had conferred upon him in eitectian lin Presideat of the Cuanluers. Ho said that he would use all liis enerry towarlds fuinding said duties of hils oflice, and liorited the House to histen the mork of recuustruction. Tree Cortus deeided unaniz movisly to be bound hy the rules lasd donn in insis Marshal Sorrano then dadresed ith sin loul regulations.
 and ursing the Cortes to aroid nil delay in proceeding
 ruleted br Paris neerspapers, deeciared that the late dy hasty should never reasend the Throne of Spain,
and that he would never directly or indirectly aid in eudeavours in farour of the Prince of A.turius. He eudenvours in larourt on the prine of d.turius. He
concluded by reiteratiog that he liad jonned Marshal Serrano to destroy the former regine and would remain united with him in the work of reconstrucHon. Admiral Topete, in a apeech wbich was loudy Cheered, asked for B Bill of indemnity fur the nary,
whioh had violated the military lams in order to Whion had vioinated the military laws in or order to save the
 men. It was then mored by one of tha secretaries of the the Provisimual Giorernuluent, and intrust 11 -rshal

 Valera and taken into consideraily
181 to 57 . The Republican miurorit?

Sonor Figueras, mamber of the minority, spoke
sgainst the motion. On Wednesday the debate was resumed, and the Cortes held an evening sitting to conclude the discussion. The Minister of Justice delivered a speech explaining the motives of the proclaiming liberty of wor:hip. Ho ust:fied the
 murder of the civic Governor of Burxos were three friars beloncing to that monastery. The Minister of titace interruyted by cheers, Ife de ared that the
 Marshal Serrano addressed the House amid frequent cheering, appealng to the minority to observe a con-
ciliatory stitude in vies of the inexorable ciliatory sttitude in view of the inexorable principles
of the majority, and promising on his own part loyally, patriotism, and abnepation. The sitting only terminated at half-past 2 ocelock on Thureday morning. In the sitting of the Cortes on 'I hursdiay Marshal Scrrano
announced his assumption of the executive power, and said:

He had accepted it solely from motives of patriotism, ans with an entice fecling of abnogatlon. He finsistod upon the
fact that it was impossiblo for him to abuse the power conferred upon him, , As none of the prerogatives of uapreme power, such cen the right him voto, the right of nanking peace or Walk hard In hand with tho Cortes, the minortity acting a
the legitimate censor if the Ministry, and the majority as it
 Senor Sorni then spoke, stating that the minority had Marshai Serrano T'he latter subsequently communicated to the house a telegram from Cuba, in which General Dulce announces that he has $8,000,000$ dols towards the expenses of the war, and that that sum is now on the decrease. On Thursday evenimg Mnrshal Serrano lad a jong conferenco with General Prim,
Admiral Topete, and the committee of leaders of the templated madifications of the Cabinet will introduce politicians of more radical opintons than the public have been led to suppose.
deun the recently Portuguese Press strongly conThe Government is treating with the Iberian union. Railway Company for the purchase of their lines, for which the company demand $4,000,000 \mathrm{l}$. The Government will buy the railway at a fixed price. A regatta lying in the Tagus has been held at Lisbon.
BeLGITM. - It the sitting of the Senate on Saturday the Ralluay Bil? come on for diseusion. M. Frere-
Orban, Minister Prestdent, made a speed, of whicl the following is a summary .





 cally contradict the statement con thined in then the I Ictegori-

 This speech was received with general marks of volticial Seven Senators abstained from velige of Wednesday publishog The text of the new Bill, with the signature of the King In the sitting of the Senate on Wednesday the Budget debate, 25 members voting for and 25 against the
Governument. In the sitting of Thursdas, the Chamher of Representatives overruled the vote of the Mustice by 62 votes against 42. The President of the Mustry had previously stated the Senate had done an entirely useless act, which must be annulled, as Representatives.
moleasp--1r consequen"e of the cattle disease Gavibg agall broken out its Germang, the Dutch officials to exercise an active supervision over the SwIrzanim
Soleura no Sunday - The inhabitants of the Canton n


betmangrise - An ayreement has been arrive I at munigipality on the question of the rompensation due of Prusais. The its incornoration with the kingdom of Prusais. The Prussian Government has agreed to pay the amount dema
namely, $3,000,000$ florius

Pbt'ssia. - A decree, sigaed by the King of Prussia was ussued on Wednesday, Manvoking the North of the $\mathbb{Z}$ pper II Iouse of the Prussian Diet on Thursday, The Bill modifing the onth to be taken by Jerss was
adr pted a passed by the Lower House. The Diet will Bienenkorb left Bremerlasven on Sunday morning, ATSTRI L.-In the sitting of the Lorrer House of the R whsrath on Tuesday, the Germano-Austrian
Telegrarh Convention was adopted. The Anstrian frigate Rudetzki has been blown up between the island
of Lisas and Lisina, in the Adriatic. The Ioss of lifi was 312 ind induding, the cantain and all the officers
excent one midshipman Only 23 persons were saved, HUNGARY. The Emperor and Empress arrived at the Castle of Buda on Wednesday night, on their wa take place at Buda on the 21st of March. In Pesth the date has been altered from the 18th to the 23d Congress was olosed on Thuesda
Rcssis, - The Emperor of Russia has telegraphed to the King of Greece congratulatiog him upon his adhesion to the declaration of the Conference. The
Russian Cabinet will shortl make public a collection Russian Cabinet will shortl make public a collection
of diplomatic documents relating to the Eastern quesof diplomatic documents relating to the Eastern ques-
tion, and more cspecially to the recent Conference. A rumour is current that the Government is negotiating with foreign bankers for the issue of the remaining obligations of the Nicolai Railway.
Grepers.-The King left Athens on Monday with his uncle, Prince Frederick, for the Morea, and will be Athens has announred that the Canadian refugees who wish to return to Crete can obtain from the French Consuls the money to pay their passage.
Italy.-In the sitting of the Chamber of Deputies on Monday the debate on the budget of the Ministry majority of 130 to 92 a Bill re-establishing ted ay superior territorial military commands. In the sitting of Tuesday a Bill authorising the provisional exercise of the Budget during the months of March and April was adopted. On Ttursday the Chamber rejected, by Mellana to effect an economy of 50,000 lire in the Budget of the Ministry of the Interior by reduoing the expenses of the Prefectorial establishments.
expeases of the Prefectorial establishments. Sacra Consulta has reversed the sentence of death passed upon Ajani and Luzzi, and las condemned them to hard abbour for life. It is reported at Rome that the Manquia of
Tubeey.-An official notification was published at Constantinople on Wednesday, stating that the Port and Greece having accepted the declaration of th Conference, and diplomatic as well as commercial has ordered all measures adopted against Greek subject and shipping in consequence of the ultmatum to be nulled.
EGYPT.-The Prince of Wales, travelling leisurely, Left Esneh, on the left bank of the Nule, in the province of Thebes, Upper Eappt, on Saturday, for the cataracts
of Assouan. All well. The Viceroy has ordered parations for a ball to be kiven in honour of the Prince and Princess on the 4th of March.
cape of Good Hope,-Governor Wrodehouso had addressed a very conciliatory letter to President Brand, and proceeded to Alitral North to endeavour to arrange matters disputed between the Free State Boers and the further supply of coolio labour were applying for a introducing coolies into British Kaffraria was also being discussed, A protest againgt the consecration of Mr. macrorie as Bishop of Natal, has been signed by large -Low Church with the High Churchmen, and repudiates any gotion of sympathy with the lieretical opinions of Dr Colenso but expresses the conviction that he bas not been dealt Whe Charcordance with the law and state that the espedition of Mr. Chapman had arrived and that gold was not likely to be found in quantities to pay. It is said, however, to be more plentiful further

Indis.-The condition of the Pupjab and the Central Provinces, where apprehensions of distress were enter rain, which has saved much cultivation from failuro Ameer Sbere Ali made a triumphant entry into Cabui On the 16 th of January, amid great rejoicings. The ficeroy will probably visit the North-West frontier or the purpose of neeting the Ameer before proceedto the Amper will amount to ple subsidy to be given 4000 stand of arms. The Government has sanctioned a project for the maintenauce of mihtary field telegraph the reasons assigned for the geendent on the luhore Ghnut Rallway, and a Commision will shortly sit to investigate the matter. A telegram from Cachar states hat the Government has taken measures to prevent f.1rther depredations by the hill tribes, and is about to

## Aterpas purat ham.

andertistd for - The Giovernment of Sydney have vid the Cape. The Rohertson Ministry maintain itself in office notwithstanding the efforts of the Opappointed to investigate the slleged Fenian cornmitte

## has been issued.

 Queensland. A new Ministry has exist the llth ult. The Ministry annoupced th of a Bill to amend the Land Act. Extoo provails, and live stock are perishing for गrent di states that the Ti-Koote leader of Ma didered almoit at an end.United STATES. - The House hive agreed, by a majority of 100 to 33 , to the Crom being made with regard to the sulframe on The Copper T'ariff Bill ment of his objections, to the Ho Hond On Tuesday the House again passed the Bresill Wednesday the Senate passed the Bin majority of 38 to 11 . It 18 , ther
notritbstanding the President's Schenok's Finance Bill has passed
majority of 119 to 61. majority of 119 to 61 . It provides that the postpones the payment till, the palua equals gold. It also legalises gold contricis action on the Tenure of Office Repeal Bill unt Congress. Monday, being the anniversary of 7 . the union, and business was entirely suspended Charles Bright has succeeded in pickmg totie marine cable lost during last summer
Cesu-General Dulce has reported ment of Madrid that large numbers of are surrendering to the anthorities, and that rection will now speedily be brought to a cloe MBXICO. - Intelligence from Mexico, in the York journals, announces that rerolutions hare has captured Puebla

## 3 3arliamtent

## In the House of Lords on Monday, the Du

 a Bill for the Improvement and Extension of tion in Scotland. Earl Gravrilles announo Majesty had expressed hess regret that aha unable to receive the Address of the the Address be presented in the uss $8^{\prime}$ Commission motion was agreed to. On said that Bills had been prepared on If a Bankruptey Bill for Ireland could The Earl of Kimberiey that on Friday he should bring in a Bul better prevention and suppression on Ia (Ireland) Bill, which was read a first time. O reply to their lordshins' address on the open Parliament. The Duke of Abgrll brought of Education in Scotland, and explained its at great length, stating that 1 gently recogaised the princuple of tue Clause, and that its main features encouraged the highest standard of education had hitherto prevalled in the paroctaaraten it will nead a hirst nime, until after Eas day the Earl of Kimbercey brought ment Bill for the repres that men, after repeatedly convicted, should be called apon that they were earning an honest living; and failed to do that, then that they should he sul imprisonment. The House was left sithug Iu the Commons on liriday, attention the the Eystematic Trans-val Rep asked if the Government had taken any step the l3oers to fulfil the provision said that the Government were am system of slavery was carred order and then selze the children on the gr tute condition, andmearnment would do all in th to the distance of the 'I'rans-vas not promise any other measures Embankment, from Chariug Street, and urged the House preserve from disfigurem

## the quardian

also urged the
also urged the
to prevent the
and the loss
public buildin

It that had been said againit the proiect, fioial relstions with the Metropolitan With them to induce them to delay Io hoped, howerer, that at some future
be able to bring before the House the be able to bring before the House the
of the powerlessness of the Governthers. Mr. Cowper said a few words
Mr. BREESFOBD Hors Manzaction the moral that we needed
MLanstry of Public Worhs and Art. would on Tucsday nert move
on the sibjert on Monday
iven by Sir H. Briw ${ }^{\text {Br }}$ that he
Hy day call atiention to the state call attintion to the state
the United States; by Mr. UGEsBEN, that he will bring in a Bill
priaciple of representation into
and by Mr. Forser, that the hortly bring in a Bill to prevent the Contarious Diseases among Cattle, including
俗 as besides the rinderpest. Mr. BrivC
that his Bill for the Better Prevention o that his to have brought in that night, oxing to the illness of Prince Leopold, her
obsendosed the hope of being able to Adandoned the hope of being able to Mr. C. ForTEscre entan in the usual
that the ForTEscce stated that the
Fenian conviots was 81, of
Australia and 39 in Great Were in Australia and 39 in Grest on unonditionally, of whom 34 were in lasders and organisers of the oonspiracy, and advise her Majesty to order their the Pelltical Pensions Act of 1831, and nhtained leave to bring in a Blll to and occupers or proper Intoxscating Mr. GOschen brought in two Bills to
Uniformity of Assessment of Rateable in the Metropolis, and for a common basis of the purposes of Government and local taxa-
Bigfand. After some discussion, the Bills diflirt time. Mr. M'Evox re-introduced the repeal of the Ecclesiastical Titless
Nrwdeant protested againat the Mr. Walpole intimated that it the most strenuous opposition. Mr SVed for a Select Committoe to con-
SYDNE WATERLOW is disqualified and voting as a member for Dumfries 23d George III., cap. 46. After some the Government hoped to intry Mr. ris ch would prevent the pollution of rivers and marson without serious inconvenience to manuistr; question as the better administration of the Iord BORY moved for leave to bring in a Bill lon thar portion of the Aot of Queen Anne nz office under the Crown. Mr. Wrime
Enow Harcourt, Mr. Locks King, Coloue Mr. Henicourt, Mr. Locke KiNg, Coloue,
MinNaibd, and Mr GladInves moved an address for a Royal Commusof local tazation, present amount, incidence, and urtment of those burdens. Mr. Goschus, on
of the Gorern a of the Government, op mintually, the principal of which was that i
in
 RLL, Mr. Di GREY, Mr. Hennieler-
Raver, Mr, Phich was opposed by Mr.
Mreutiart. Mr. Gladstons may nad Mr. P. UrQoigart. MIr. Gladstone
minal impo question was one of immense national importance, and said that as soon as the
ron question was settled, it would be one of the Government to deal with it.
congratulated the House on this dec.arc congratulated the House on this
hitrew the motion. Muggestion Sir M. $\pi$ thdrew the motion. Mr. Monk brought in a
erterdinz to those employed in the Post Office bitoms the same electoral privileges ans he last the Excise officers, The SolIcrTosstatutes affecting the constitution of the
of Oy ford and Cambridge. On the motion the roadway and viaduct proposed to bo Thames Embankment from Hungerfor On Wednesday Mr. anuity Taxin Edinburgh, and Mr. M'MAHoN
lempe to bring in a Bill for substituting in an union rating for the present system of
etentoral divisions. Both Bills were subse-
fearl a first time. On Thurday Mr CHyLDers e that he ghould move the navy estimates on moduce the army estimates on the MonGorchise maved for leave to sed upon occupiers for short terms, stating machinery, but to phe Reform Act, or o parys should contioue to be rated, and be ount from the reant due to the landloduct the
some discussion, leave was given to bring in the Bill. Bifil similar to that of last year to amend the law relating to the property of married. women, and Mr. T. Ceambers obtained leaye to bring in a Bill to
legalise marriage with a decessed wife's aister. Festerlegalise marriage with a decessed wifo's sister. Tester-
day, iu answer to Mr. Cecir Rifes, Mr. CEichester Fortescte said that the redistribution of seats in and that it did not form a part of the programme of Lord Gaktise and Sir Jorn Hay, said thet Portpatrick light was to be abohshed, and that the rule of
the road at sea, adopted in 1868 , was now acknowledged by all the countries of the world. The IIouse was left sitting.

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The Mebchants Company.-The hearine of the first charge which was preferred aganst some of the Monday at the Mansion House, when Mr. Richard Stuart Lame, Mr. Horace Edward Chaptosa, and Mr Frederick Helbert Helbert, were again brought before the Lord Mayor, on the oharge of conspiring to defraud the shareholders by issuing a prospectus, well knowing
it to be false in certain material particulars. The case is quite distinct from that heard on Irriday, and in which Mr. Lane and Mr. Cbilds were committed for trial. Mr. Cape, the offioial liquidatot, was recalle
Money Mabest, Friday. - Britisf Funds Consols closed at 93 to 933, both for Money and Account ; New and Reduced Three per Cents, 933 48. dis. to 18. Dm.; Indial Five per Conts., 1124 to 112 L . pm. : Turkish Five per Cente., 11 to to 42; Ditto Six per

 $5-20$ Bonds, 801 to $80 \frac{1}{3}$ Erie, 241 to 25 ; Ilinois, 96ㄴ 1097.

## Shetropolís any tis Ficimite.

Mr. Bright on Chambers of Commrack.-On
Tuesday evening the Associated Chambers of ComTuesday evening the Associated Chambers of Com-
merce entertained Mr. Bright, M. P. President of the Board of Trade, at a dinner at the Westminster Palace Hotel. The olasir was occupied by 8. 8. Liloyd, of Birmingham, President of the Associated Chambers.
In returning thanks for her Majesty's Ministers, Mr. Bright eppoke as follows :-
"There are questions which affect the commerco of the
country which, from pome eause, Chan bers bave thought beneath, sbove, or beyond their province, Two quastions have
been mentloned during the discussions which appear to me been mentroned durng the discussions whicle appear to me,
and must appear to all, to bo very fmportant. One $1 s$ that of
the laws aftectany balruphe
 opinion, it it of the greatest consequence that we should have ocean postago reduced to the very lowest figure. It was not
orginaly intended, and it is only a practico that has grown have a rikht to expect that for what they pay for their
postage thay should Llvee tho greatest pospible converience
ind advantage There th no doubt whatever that as and advantage There Is no doubt whatever that ais
betwen here and the Tuited States, and betwen here
and the Australinn colonice, and probebly between this Post Ofice to ncgotiate a system hy which letters should cross
the oocean for an ponny. I spenk disinterestedly. I do not think I never did an act of such entire disinterestednessin
 My life a burden to me, I thinl| that the demand upon the particuiarly between this country and the Uniterl Stater, is
 districts it has heen increasing, there is a generil uncomfort Fery unsatisfactory thing, because wherever yout put it off it upon Parliament to do somecthing to reliure the burden. What inquire into, and what the country gentlemen should ask one solves they should ask somehody else who crom tell them, why
all this pauperiam oxists? If you canmot dimintsh pauperism you cannot diunnish the Poor rate, and those who bear it now
must bear it atill, or some one else must bear it for then, and
that will probabiy only extond the digcontent

The Easter Moxdar Review,-At the request of the Dover Committee of the approaching Voluateer the presence of a naval force to miralty has promised volunteer army and the regulars at the Dover Reviee The Volunteers and the Capitation Grant. -On Friday afteraoon a meeting of peers and memcorps was held in the Tea-room of the House of Commons, for the purpose of drawing up a memorial for presentation to the Secretary of State for War on the subject of the Capitation Grant. The Duke of Manchester ocoupied the chair, and Lord Eicho adoption of the followiog memorial - seconded, the "We the the followiog memorial

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 there set forth may thoreflore ko caid to faindy. The risent the the
opinione of tho force in genersi, and not of any
partion

 a Yuluantour not as Volunteera, we are strongly of opimion that
and and cconomical element of national delenence ; and we nre fur
ther of opinion that those who without pay ©ive their time
and and servioes to the statitishould not be callod upon personnlly to apend money in providing for the necesgary expenses of the
force. A difference of opinlon, however, is sald to exist gs to
 rightly j Idgo whother the present Canitation Grant ought or ought not to be increased. In conaclualon, we would also
oxpress an opnilon that tho orgaikianion of the corce might be
gre.tly

The memortal was discussed for upwards of an hour, and was unanimously adopted. Among the peers and members of Parliament who signed it were the Dukes Earls of Rosslyn, Brownlow, Dartmouth, Tankerville Durham, Grosvenor, Yarborough, and Vane, Lords Wharneliffe, Suffield, Vernon, Campbell. Traro, Bury, and Eloho, Colonel Loyd Lindsay, Mr. Lyttalton, Mr. Donald Dalrympl Mr Chales Dalrymple, Mr. C Hambro' Mr. E. T. Gourley, Mr. Donald Cameron of Lochiel, Mr. Algernon Egerton, Mr. Charles Willisms, Roden, Mr. Macie, Colonel Mellor, Mr. Gr. Denman, Mr . Anderson, Mz. Gray, Mr. Hove, Colonel Bart sc. The memorial now lies in the Cloak Room of the House of Commons for signature.
Regent's Parz.-Mr. Layard, Chiel Commiasioner of Works, has sanctioned a proposition for carrying an ineu of the present dwarf fence. The rails will be of the ordinary common spike shape.
State of the Strand.-A deputation of tradegmen having places of business in the strand waited of Police, on Tuesday to pre new a memorial complaining of the msny nuisances impeding the traffic and njuring the trade of the Strand. Colonel Henderson, in reply, promised that the police should do all that was posible, but he reminded de deputation hat their power was rmited, tuat they culd not rueriere with any one seling newspapers, or with hawkers of nowers begring.
THe Charg of Corbtption against Admiraity Offictals.-The charge against Mr. T. Gambier, chief Gerk in the Storekeopers department at somerset Machinery Afloat, for fraudulently and illeqally offering to obtain the acceptance of contractors estimates Prom the Government, was again brought before Sir was adduced to prove that the bank notes paid by Mr. Maxwell had been traced to the prisoners, and that books had been foumd in their possession which rendered mately remanded, bail being taken for G'ambier as before, and as Sir T. Henry refused to reduce the amount for Rumble, he was seat back to prison. It is stated that some extraordinary revelations are likely to result from this prosecution; and that writton and verbal statements have been pouring in upon the authorities, showing the ramifications of a system of fraud carried on to an ez Mr Bach the public senerally have had little idea Mr. Baxter, the Admiralty secretary, is personally engaged in investipa-
tion of the matier, assiated by deteetives, who have alreedy been mostencensful in their movemente which have not been confned to London. It is gaid that the
pooket-books and documents seized exhibit as complete s system of publio robbery as could be devised. ELECTION OF ACCOUNTANT TO THE BOARD OF Wongs.-At the meeting of the Metropolitan Baard of Works on Friday, the eleetion of an accountant to
the Board took place. The cormmittee selected from a the Board took place. The committee selected from a Bellamy, Cox, Pritehard, Dison, Finlason, Gunn, Hutrhison, Jones, Livingstone, Muir, Routledqe, and Smith. The number thus selected was reduced by the Board by one vote to six, and by five subsequent votes to two, when Mr. Gunn, of the Treasury, obtained 31 11. The name of Mr. Gunn was then put, and he was unanimously elected accountant to the Board.
Rectoryof St. Mary, Newington.-This rectory, which is put down in the Clergy List at the annual pappers to be really worth from 3000 l. to 4000 l . a year papers been conferred by Mr. Gladstone upon Dr. Miller, vicar of Greenwich. Under ordinary circumstances this preferment belongs to the biskopric of London, having taken place on the day the new bishop did homage on his elcction to the ser, and the Great Sasi not having been aflixed to the (iucen's approval, the appoutment lapsed to the Prime Minister. The vacant by this appointment, is also in the gift of the Crown.
The Brerfiouse Licresing Systeme-On Friday 8 deputation waited upon Mr. Bruce, Secretary of State for the Home Department, to urge the desirable ness of transferring the granting of licences for beerhouses from the Inland Revenue Ollice to the magistracy. The Home Secretary was accompanied by Mr Knatchbull-Iugessen, Inder Secretary, Among those composing the del utation were Colorel Akros d, MP.,
Mr. Selwn-Ibletson, M.P, Mr. J. T, Inbbert, M. P, Mr Javob Mrszat, M. P, Mr, Mazaley, M. P Mr Baznes' MP, Mr. Gourley, M.P Mr, Whitwell, M.P, Mr Candlish, M.P, Mr. Fackhouse, M P, Mr. T. W
Mellor, M. M. Sir
R. Clifton, M.P., Mr. Sidebottom M. P. Sir J. B. Johnstone, M. P., Colonel Brise, M. P. Mr. Dodds, M.P.; Mr. Taylor, Serretary, and Mr. Dale Vice-President of the Clhurch of England Temperance Society: Mr Comdelet, secretary of the Liented \&.c. Colonel $A \mathrm{krosd}$, II.P., introduced the deputation, and said that a petition to Parbanuent aqainst the present sy stem had bcen sigued by 2.53 mayora, that a memorial sigued by upwards of 1000 gentry was about to be presented to tho Premier, and that beerhouses were increasing so rapi.jly that any delay in leysislating on the questiou would have a bad eflect. Mr. Stanuier, Baines, M. P., Mr. Candelet, and Canon Jenkins baving apoken in support of the memorial, Mr. Bruce, in reply, said :


SEA Gclis at Battersea. - Ou Tuesday afternoon two ses sulls were shot outside Battersea Park. Both of food.
Crelrase of tire Obphan Child fron Whitemade an order exonerating from the payment of cost the child, Elizabeth Cope, 13 years of age of costs removed from the Girls' Refuge at Ealing to who was cross Street Prison, and authorising the Sheriff of Middlesex to discharge her frome custoly, on the condiplaintiff by the chat to be brought apainst the in prison. The chitd. Was released from locked up Friday afternoon, avd is apain in the Refuge at Ealing. four district superintendents of police in thed to appoint to act in thares resipendents of police in the metropolis.
 Frisom are Wir. Basnes, now govertor of the Conuty dier Guards and sy, Colonel Pearnon, of the GrenaThi Public Euperintendeut Walker.
Repistrar-General states that in weekly return of the the sras 27 ner 1000 persons living, being 25. per 1000 in London, 30 in Edinburgh, 27 in Dublin, 21 in Bristul, 30 in Birmingham, 27 in Shelfield, 30 in lsradford, 25 in 31 in Salford, Hull, 38 in Neweastle-upon-Tyne, and 11000 during the week ending the lsth inst., and in 11100 during the week ending the 1 tha inst, and in
Berin 33 per 1010 dur.ag the scven days piditug Berlin 33 per 1010 dur.og the scvent day 1 Indon boys the week. In the corresponding weeks of 10 years 1859-6ش, the nveraze number, corrected for increase of population, was et . during the weak were 1191 . It was the ors week
of tho year, and the average number for that week corrected for ingrease of population, was $15 \% 2$, The
present return is therefore 31 below the estimated amount.

## 3lrobincial. <br> BIrming am. -The old family property, called the Packwood Estate was sold a fow days since in this town by Messrs. Chinuock \& Galsworthy, of Lon lon.

 There was an unusually largeattendaute, and the most spirited competition was manifested for some of the lots. Packwood House, with its curious nld yew tree gardens and home lands, realised 19000l; the rether $33,970 l$., the timber upon the estate to be paid for at a valuation.BoLTON. - At a recent meeting of the Chadwick Charity trustees it was ntimated that Dr. Chadwick, of Southport. formerly a resident in this town, had placed at there disposal a further sum of butul, it $22,000 \mathrm{l}$. The money will be devoted to the erection of artisans' model dwellings and an orphan asylum.
Cambridge.-Mr. Vernon Hareourt, QC., Mr Fitzjames Stephen, QC, and Mr. E.C. Clarke late Fellow of 'Trinity, are candidates for the pro-
fessorship of International Law recently founded in thas Univeraly by the manaficence of the Iate
Dr Whemell, I inter of Trinuty. Dr Whemell, Mister of Trinty. - In consequence graduates, and the numerous convietions which have taken place for riaging the night-bell of Dr. Rinsom in particular, notice was given by the magistrates, on the occasion of the lait chargo, that they woth send the next offender to prison. On Monday Mr. Charles A. Andrews, a Crenle, was brought up on the charge of mischevous! ringing Dr. Ransom's bell at a late hour at nught. The Court was densely crowded in antiThe offence was fally proved, and admitted by defendant, who pleaded that he did it in a thoughtless moment, that he knew nothing of the feud between Dr. Ransom and the students, and was not before aware that the ringing of bells was so serious an offence, street-loor bells being unknown thing in the conutry from whech ecame. The Mavor said that if the benoh thought actions he would inevitably lasere bec sencentenced to mprisonus him the benelit of the duabt, but they folt it to be their duty to inflict the highest penalty in their power, which was 40 s. and costs, or imprisonment for 14 days
with hard lahour. The moner was immediately Frome.-On Saturiay another murler was added to the long list for whelh this dintrict has become
notorious. Between seten an lesuat in Mr II Farthing, of Hemangtou, lise mile from l'rome, sent one of his labourers, named Blsard bmith, and a lad in his employ, named Frank Taylor, aged 11, to drive two beasts to Cannard's Grave, near Shepton Mallet, about ten miles distant. On their return at eitht t , they stopped at Mells, where Smoth had a pint of beer at the Talbot Inn. Ha asked the hoy a pint of beer and on his refusing, the man, who was alresdy the worse for drink, became angry and used harsh language across the fields. It is soted that pemplim nam fields heard cries as of some one being beaten. On the next morning (Sunday) a man named 'laylor found the body of a boy in a diteh in a lane some distance from the path to Buckland. It liy face dorra mards, and was corered with mud and dirt. He gare information to a policeman at Mells, who had the body emoved to his own house, where it was identitied as previous day. The officer then driving cattle on the renous uay. Tae officer taen proceeded to Hernincthe, aud requested suith to accompany bim and see if
 taken into custody stated that he had civen him beng or two with his stick hocruse he had given him a cut with him, and added that "he was very sorry, and would nut have had it happen for 10l." He was convejed to Frome, where he remains in a very despondent bad to pass the hotrge of the way home the prismer oot, either on Saturday night or Suoday mornine did any information about hicn. At one part of the footpath there were traces apparently of as strugale, and the dead boy: boots exaetly correspond with the ootprints.
Liverpool. - A fev days since, at Mander's Menagerie, now exhibiting in this town, fwo leopards were for some time in all efforts to separate them lensth parted the smalier one . When they were at inpured that it was neoesoary to poison to thith so mucth scid.

3 Inchester, - Information was received last wee

15,000 . Worth stolen from the hey
Office more than two seapg gov, hat sale in London. The
8uol. Were found in their
Monsiorre. - Itquests ha Weekes, azed 13 , who agod
sunt tifed in the recenterpo
Several sithen Mr. Green, collery ageut, and api,
ment Inspector whio had vi lated the
canvas door to remana op
an accumulation of gas, wi
Borking. Tha jury in P
which was tantam that "lys dantamus death tmitting the canvas door
the rules of the been commithe collery." Hatha , it of Weekes the for trial injuries sustained in th mated his inteation of pro monvicri. - Brother Ignati, calls on bis Norwich an appeai beds or bedclothes, plates, spoons. a chair, tablo, or eren a stood, a durs a blanket,
necessaries.
OxFord - The amalpamation city police has created a new era ricted on Monday before the court of an \&isault on Inspector Betha the new Oxfurd force, and fized two ris to be known that mitted any offence argainst the of the nowy polive had as much ngbt to da with iag one else.
nial to Mr. Pochuek lis now reached
 evenia:
FI'NDERLIND-OM Saturdy D. f bi
 b. init quitte extinct. She was subbs:
 driahing with a acilor, and tit is st silver moncy belar found concaled thought that le left Suaderlad ons A man, answering to bis descripluan m of Charles Wright, and sadd that bir
Massachusetts. He mas remanded but

Irrtano.
The Imsif Chtberi-The Corp at a spectal meeting on Friday, alo of the Irish Church, and adidesis Itance to be presented to both peltion Lords should be presented bs the En and that the petition to to the the Hoze Be presented at thied by the offices maily membera as might devire to 3 THE Rathranisity Cosers Fillinsly in Rathfarnlam Conien sy poned for a weck, in consequene git that Lord French, her father, intew ward in Chancery: character po her illiess Iriall Railwitg,-d numeronid and members of Parliannent had sa Prepicesent the expediency mendations of the Commasson whil on the conditio

 a boy named Henry Potteries Raitway neishbourbood hear
bank and succeeded a traiu came up. warrant. It was prove terurent by a pack had be or Lammer
 mada to the Rapger

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Pudington Stations. It is intended to pass ${ }_{3}$ Part, parallel with the Mall, thence Green Park, paraliel with Constitution ort, with a station at the barraoks to the ti: taria Gate, from which it is to pase strents into one of the Paddingtou
min* are to be propelled by roje ? ithe fisecy in the unferryound lines, $\therefore=\mathrm{p}^{2} \mathrm{~m}$ mal part will be tunnelled, so tre with the -urface of the parks.
Sinites CisF-In the Court of Common rias, Mr P, Kinorth, a suryen-dentist at
ali the Great Northern Company for ael whle travelling on ther line from h. the cane berug called on it was arran sed ato all be enterel for 350 in addition In the same Court on Tuesday, Mr. sintes, a budder, suce the South in estern in ) yeember last The Jury returned Trin: On Tuesday John Coke, TrisinOn Tuesday John Coke, il: of lerby and George Johnson, of erficld mith stealing 7 quarts of yort on the lith inst. The Bench, at the , on thens for trial at the assizes, and

## 羊aw.

Brvin, Whabinstrp- (Beforo the Lord


 at ine ir Tade aster, and eventually $t$,






 which Werincedoy last c.xpressed hrs festerday inormag. Tho sumn ing that
At 25
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## Dhttuary

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 inmin in $1=91$, and sure seded bis fathe of


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 La.NS liven ahje do canp to Lurde fre ugh at


 services; Way made Comdel siddenly at Ed uhur


 713ghteres





 The Hon. Everard Sporgros, becond Eurvining mon of
Lord Stourton, died on Saturiay the 10 th Hussars, wan born in 18s4, and married, $\ln 1862$, the
yomhent in Lady Watsov died on Tumeday, at





 the inflammation hav, wero entertained on Tuenday,

 antmite and arm4 (thetm
 the gecond daugbter of Dr. Vornom lianoourt, Arohbitheop of

 Hall, Yorkahire.
 on Wednesday, at the age of 82 . Ho was the oldest son of
 if the Enst Suffolk Artillory and Militin Aidv-do-Camp to thie


 aftern shurt illucast He Whe tho eldest son of Sir Robor




 and 1831, and bit for the Chavorsity of Dublan from 183. to 1848, when he retired from ill health.
ADMiral Daviss, the oldest officer in the navy, and the
only sursivor of Lord Howos tution oun the Int of June, diad at admiral Rubert Gopdoy di
yoar He entered the navy in 1810, and ferved at the roduction
 Lor 1 Exme thath at the lathor lacent of

 Tas made rear-admiral on tho retired Iist in 1857 , vice-ndminal of the late Mr. Darlif Gordun, of Abergeidice a altrect demeond lifitiflat Gesfral, gzoraz Moscrient, Provost of St Andrew's, died on Monday oveniog at Bdinburgh, after an puralysis 10 the early part of December Last and bince that dince wal nut takin hay neture part in pullic lmasmess.
Min EDH ARD Ovens, Jufge of the 3 metester Counts Court, Irisluman, and camo to this cilntry in the fume stuamer witb ford carns, when thoy were alout to comanchee practioo in cint, which we the with comalderale sicesess untal the denth whom bo guceecded. Aster weuph ins thes 1 rist for thred
 circuit which cornprises the city of Mnnchenter, This rosition
Le filled with grait alitity. His decisions wero rarcly appealed against, and when they were, fin the majority of capos Lif
decusinn was sugtainer). Ife last presi led in the court on th luth iust, when ino whe ovidontly ill, sulforing from ditaneo the L art He was called to the bar in $18 \mathrm{~L}^{5}$, and was about
 :ifflk lyazo un his sith year. In lis bo gradu uted in the senur member How was a barruter by profession, but in was appounted Receirer-General, the bead of the finamicial arranzenienta, as the late Str C. Jowan and Sir R Magne wer of the discipline of the foree TLis post be held untul 1800 ,
anen lo retired on a peubion.
He was the founder of the Mhun ho retired on a penibion.
Univeraty Life Assuranco Society.
MR. ChiARLES BALDWIN, Into Marter of the Stationers Compans, ciod orn the isth not.. nt his residence, susse his career he was a partner in one of the largest publishinu
from in the city of Jondon. Subsequently, about the time of the agitation frr Cathnlic Em Enclraiton, and in conjunction
 Years. He waa aloo omagistrato for the county of Alurrey had long boen the father of the stationers' C, Tnprinv, alitw.
the sonior member, and for many years Treasurer of th, Royna Litorary Fund.
Mr. Joam ODONrELL, the Crown molloitor for the cuinty Linerick, who was appointed only a few weeks ago, in thi leading member of the Young Ireland party in isss, and had to leave the country fur four yeare, untli he was perroitted to return by the Goverpment.

 main in his 90th jear, and bad pructloed 14 that elty as a

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## COVENT GARDE: - Feb

Of rough grods we tind quite summient fir all demazds. In are not near so much an excess of vur requirements Grapench Vegotables are now arritiug, consiatink of Lettuce, Endiva,
Radishes, Artichokes, and Asparagus. Fluwery chicely consigt

 gumumes, Fuchasas, is lits, and Wallivwers, de
Apples, per bushel, to to \&s Gripan por Ib, got to 12n com Cobe Melons, cach, 24 to 45 Lomona, por 100, ts to ia Urarges, per 100, 2s to to


 Caulifowers, Corntisk, pol lot Colory ph bund, In $8 d$ to 28 od
Cucuniluers, esebl, is to
 Herbe, pur bunch ,der th, 5
 Lettuces, p. score, 1s w 2a Gl


 - Fluken, du, 120s to 180n

 EMAY,-Per Zond of 36 Truanea,









cor an Titarior do

$$
\text { costs. }=\text { Fob. } 24
$$

 Wails End Hotton, 1is., Walis Eud Metton Lyons, 11 s


METROROLITAN MEAT MARKET.-Fob. 27,
Ih


LeADENLALL AND NETGATS POLLTRE, \&e.
Supply decraenfog trade and demand durl.

HOPS,--BOZovar Martert, Pob. 28.
 mide, espectally for foreigt. Cholee samples are searee, and稘GLBE WOOL
Cchrent Pbictra of Exabibf Wool. per lb.-s d
Flevers-sonthdown hoggets

## Half bred ditt Kent Fleecos

Kent Fleecos
Bouthdever ewes and wethers
Leticestor
ditto
sorts-Clothing
Clothing
Cont ing
METROPOLITAN CATTLE MARKET.
The number of Beasts is about the tame as on Monday last, trade is active, and prices are searcely aftered. There are more Sheep than Last week, and trade was partially afiected by th request, at fully lato rates. Our foreign supply consists of
Rejo Beasts and 103 Calves; from Bcotiand there are 247 Beastis; from Ireland, 70 ; From Norfolk and guralls, 1000 and 573 from the Midland and Northern Courntice

 Halt hreds
 Tho number of Bearts bas rither barger than on Thurgad
 sonvoly a brink as of late. Prlas geoerally are rather lowor
yot a fair clearance is effected Trale is slow for Caisea, buit

## THE GARDENERS' CIRONICLE AND AGRICULTURAL GAZETTE

the alort aupply of them cenuses pricas to continue hi
forefgn supply consilats of 620 Beasts and 128 Calves,

## Bast Seots, Here-

Bert Ehiterthornis
2d quality Bearts Half:lireds
Bensta, 1050 ; sheep and Lambs, B250; Caires, 184 ; Pigs, 70.
POTATOB--SOUTHWARE, Monday, Feb. 22
During the past wex trom abroud, and trade extremely cosstwibe, by rail, and from 20 s to 903 . per ton, many




There was a small supply of Wheat from Easex and Kent
this morning's market, which was mostly diepobed of at the to this morning's market, which was mostly dieposed of at the
priceo of thio day sonnifht. The attendance included bome
few country buyers, and for foreign Fheat theer was retali
 chas.
wair.
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uned.


 $=$
BAELEY, gifind.ddist, 37sto38s, Cher. $46-51$ Matifg OATs, Foreign o. grindind suffole

RYE.............
RTEEMFL, Foreign
BEAREA, Mazaran - Pigeon. $3 i 86419$. - Foreign. ex, añ Matze MAzE. Fi.ozr, best marks delivered orelyn

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\text { batro } 34 \text {.44 Country. }
$$ Portich Fripat, Fab. 28.

Inactivity has continued to be the pravailing feature of the week and wo have to report a further decline of 1 l. per qr. While in the producing districts former rates were maintained quabities were the turn cheaper. Peas and Beans were s. slow not experienced any further decline this week. Flour erpmpationed with Wheat, and to effect salea a slight reduction this weelk of 53 cargoes, of which, with those left over from floating trade has been quitet throughout the week. The cargoie of Wheat belog beld at previous rates (the onls excepor. decline), but the busfness concuderd was not extenaive Maize was about 6d. per qr. cheaper, whist Barley neet with Paris, Feb. 25.-The trade in Whent and Flour 1 uled firm brit inactive. The eigat marks are quoted at equal to 36 ibs . $\mathrm{6d}$. per 280 ib . The stock at the Halle is estimated at $10,18 \% \mathrm{cwt}$ at thin morning's market. Part of tha English Whent left over from Monday remained unsold at a late hour, although offored at that day's prices. In foreign the business done whs quite in retail, and we do not altor our quotations. Spring description.

|  | Arrivals this Wekr. |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
| Engilish.. | Wheat. | Barles. | Oats. | Flour. |
|  | $410 \text { qre. }$ | $1110 \mathrm{qrs} .$ | $\begin{gathered} 250 \mathrm{qrs} . \\ 3700 \end{gathered}$ | 8 |
| Forelgn . | 11,130 | 14,760 | 30,560 | 1140 |
|  | 11,540 | 15,860 | 34,510 |  | Livarpool, Tuesday, Feb, 23.-Tho market war fintly

ttended. Wheat in pood request at last Friday'g rates Friday decline; Baidi, 3 Basion to in walue, Beans steady, at raten of Friday lant; malxed, 31 s .

geEd MARKET.
Owing to the continuance of wet weather the agricultural rently teclining to go into stocks tuntil the cunsumptive deman ihas ahsolutely set in. Rede clover seed of all doscripof giving way; the ralues, and the market exlatits mo signas and holders seem confident of seed now in London is smath, trade begins to operate hirgher prices must rile; German Red mhould bave been very poorly off thin yeat been for Germany we new English continies exceedingly scarce and dear. we bave nore dang in Treforl, of yearling seed the stocks nre lhye: rew French hhs come to hand, at moderate currencles. brisk inquiry for French thalid now very chaop. We have a on the others wido eppear to Ryewrane, the stocks of which Boving United meopear with bo gething reduced very low. onders countrog to moota with more attention, a pood many
is a good Inquiry, but the supply 18 rery limited, the unprecedose. Engliah Rapossed is abont tho game. We have a
clat the place of Scarlet, the last-named befag oxceedingly scarce and high in price. Spring Tares move of rapidy at the late
adraces For large Scotoh Tares thisere is tome inquiry,
French gainfoin seed meets with a free sale at last week's


WANTED, a steady Man ae GENERAL FOREMAN Mnatementot Hosse and Fruut Trees nnd conkpetent to Super.
 WAN IED, as FOHEMAN (OLTDNOH), one who

W ANTED, in one of the largest London Nurseries, at C Collection of Stove find other Pinita, Ont previosiy accustomed hasing good tostimonials, - S. Fa, Gardence PROPAGA10H W ANTED, \& Young Man, as general PROPAGAIOK WANTED, a good general PROPAGATOR and Claphan, S.
WANTED, in a first-rate London Nursery, as Culture and Propagation or Store and Had-wooded Planta, niso Glratdy had experienco under a frot olase hand proforred. Wagos Garcereres' Chrontele OMce, W.C. WANTED, a GABDENER, who understands the

W ANTED, a Young Man as GARDENER, to go to

WANTED, for British North America, a Young Man W an GARDENER, to Manage a sua Worrar and Kichen

W ANTED, a GARDENER (SINGLR-HANDED), who thoroughly underatands the Eirly Forolgy of Musoat and WANTED, a respectable Young Man, as UNDEK
 Barnet.
WANTED, a respectable and active Young Man, as salesman for Covent Garcon Market,-Stat Age, quaia WANTED, as COWMAN, and to assist ay UNDER ar from hia lait plece. - Addresk Mr. C. 38 . Wigmore St., W. W ANTED, a good LAUNDRY-MAID, for a Young Indles, Upe Childron, and four Servante A pood Second tivindry


WANT PLACES.-Letters to be Post Paid.
H XPERRIENCED GARDENERS (or as GARDENER

To Clardeners and Balliffs (Head, Foremen, or Under) J AMES CARTER AND CO, having many applicatione
 Ay lady or doetleman requirlog GARDENERS or BAILIFFs

VI. WM. PAUL bers to announce that be hat made



## Lady-Day Engagements.

IR. T. BOWICK has the pleasure of fecommendine
 Mr. How row bas Introdiced Engrements in most of the Countles
GARDENER (HEAD), Competent to il anage Garden
 (GARDENER (HRAD)-Age 25 , married; thorulughly

(YARDENER (HRAD), Age 27; thoroughly under-
 ( 4 ARDENLK (HzaD).-Age 31, married one child
 C ARDENER (HRAD)-Age 32 married, no incum brancenace thoroughiy viodersandi the profeston in all sts
 (ARDENER (HBAD).-Age 43 married, no incum





$G_{\text {brance: }}^{\text {ard }}$ (Han)


 ( A ARDENLER (HRAD), Inamed r-



 C ARDENER (HRND, WORK
 CARDENER (Hzad, Work
 CAMDENER (HRAD, OrSiNOLREEA: zovciMax, Gardoner, C2mple Hill GARDENER (HEAD) or Bood
 (Y ARDEN $\overline{\mathrm{ER}}$ (HADD), whete wis.
 C ARUENER (HEAD), where tho
 GARDENER (SINOLB-HAMDIO, er Cottago, Iligh street, IIGgigato, A .


## $\bar{\square}$ <br> (I ARDENER (UNDEA)-Age 19 , he her

If OREMAN, in a Noblemen'e Ger Geniten Forcing, Pinee, Froith, ta-W. Hvoum. Busma
TUREMAN, in a Nobleman' or Gp


In the Growing of ell trade de sonm

## camellis nbillty Cbesitro. <br>  <br>  nese, apply, by permustion, to Harmondeworth, Mddalesex <br> DROPAliATOR or FOREJA $\bar{y}$ - Es <br> PROPAGATUK, or TRUPIGATUR and <br>  <br>  <br>  <br> NARM BAILIFF,-Age 10, marmod as <br>  <br>  <br>  <br>  <br>  <br>  <br> MPROYER.- Preminu <br> $\underset{\text { w }}{\substack{\text { ren } \\ \text { re }}}$ <br>  <br>  <br> To Noblemen's or Gentigme <br>  <br> Gripuoy, Grout $\begin{aligned} & \text { armaby }\end{aligned}$

Gardenerg' Chromíle Arwguaper.
STITIDAY, MAL'II 6, 1869.
150. HOSIME-LEFORT, or COLD GRAFTING

 giverid C C , ( reet Garien, London, W C
IANED LEATHER COMPANT
 ghye =TRAP and buLE BUTTS

Chen Patent Noiseless Lawn Mowers.
al pllt.M L.IWN MOW EHS havo proved



 2ethentak Soclety, The lybllin Botrnic Gardens -u artan Gandenes, The Lepds Royal Mary Garde
 Thathan $\mid$ The Sundorland Paris zer ef the prompal Pariss and Squarea in the Uniled


 Wortenr re prempasis in London, we are in a poation to


PORTABLE AND FIXED HOT-WATER APPARATUS,
for heating conserfatories, hothoubes, churchbs, ponlio bolldnge, prifate residenoes, etc., with


Price Lists, Plane, and Estimates forwarded or application to
T. S. TRUSS, C.E., Consclitina Horticultural Enginebr, \&o., Solb Manufatubkr, iron merchant and horticultural beilder,
FRIAR STREET, BLACKFRIARS ROAD, LONDON, S.E.

## SAMUELSON \& CO.'s

## NEWLY PATENTED EDGE-CLIPPING SILENT LAWN MOWERS

 the most mportant maproveaent eyer introneced.

MESのRS. SAMUELSON ant co hery ti prati spactist attration to thene NFW LAWN MOWERS, for 1869 ,
Which are fitted, when required, with a new Patent Enired, with a new Pitent arrangement,
suporseding then ontirily and suphrieding then ofd and Clipping ty hand
All Marlines fitted with mew Silmt (irarmg, eno ir iner profint freedom frem 11 law when at work.
C.t.l)wurs, wath full decriphins and mares of the now Patent EdreChpping Silent Lawn Mower, on application to

## SHANKS'S PATENT LAWN MOWERS FOR:1869.

TADER THE PATRONAGE or
MOST GRACIOUS MAJESTY
THE QUEEN,
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AND MOST OF THE

## PBINOIPAL NOBIIITY

GBEAT BBITAIN.

# SHANKS'S PATENT LAWN MOWERS 

are aldi fitted with
PATENT DOUBLE-EDGED SOLE PLATES, WIND GUARDS, AND SELF-SHARPENING REVOLVING CUTTERS,

Advantages possessed by no other Lawn Mowers.

The unprecedented Sale of SHANRS'S LAWN MOWRRS for 1868 forms the mort comincing testimony of the ralue and success of the Improvements introduced last Season.
HAND MACHINE.
PRICES-INCLUDING CARRIAGE TO ANY RALLWAX STATION OR SHIPPING PORT IN THE KINGDOM. SEANKS'S NEW PATENT HAND MACEINE,

| $3100{ }^{\text {Paully worcod }}$ | 16-inch Machine 19-inch Maohine 22-inch Machine | $\cdots$ | $\because$ | $\because$ | . | . |  |  | By Eastif Worked |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| $\cdots$ - 51000 , By a Iady |  |  |  |  |  |  |  | 0 | By a Man By a Man and a Boy |
|  |  |  | .. | $\because$ | $\because$ | $\cdots$ | 810 | 0 | Dy a dian ana a boy |
|  | 24-inch Mechine | . |  |  |  |  | 90 |  | By Twoo Mo |
| The Hand Machin | with Silent Mo |  |  |  |  |  |  |  |  |

SW PATENT PONY and DONREE MACHINE.
SHANES'S NEW PATENT HORSE MACEINT.
1



Silent Movemint, 20 s. extra Boots for Horse, 26s, per set.
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Enery P , 2zs. per set. ; Ditto for Donkey, 18s. per set.
an be at once returned without any expense to the buycr.
ALEXANDER SIIANKS AND SON, DENS IRONV WORKS, ARBROATII; and
the uhort aupply of them causes prices to continue
fondgn supply conifits of 620 Beants and 128 Calvem,
Best Scote, Here
forder, dea
 Boat Downe and



 Whites, 40 s . to 80 s .
MARK LANE,-MOMDAY, Peb. 22
Thors was a small supply of Wheat, from Ensex and Kent prices of thif day so'nnight. The attendance poluded some
perm contry buyers, and for fureign Wheat there was a retuil dernand at last week's quotations Barley whi IA per qr.
eheaper. Beans and Ptas were rether lower. The Oat trede wras atendy
unaltered.


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Foretgn., grinding and distiling

- Sro, Enoozch and Sufill
- Iroth ..................Potato

Rrixical, Forioign

- Foren ....459 to 403 .. Finds. - Harrow
 Y Y M
 - per barrel 12

Inactivity has continued to be the prevaling feature of the Week, and we have to report a further deciline of lis, per gro
on Whest in Huil, Newrastle, and pome of the Sconter mark eta Whith in the producing districta former rates were maintinined quale, at prices fully 18 . per or. in buyers favour Oats have Eympathifed with any wheat, and to effect aalers a slight reduction this weelk of 53 cargoen, of which, with those left over from flonting trade has been quilet throughout the week and cargoes of Wheat beligg held at preolous rates (the only excep-
tion bempa cargoof fiue white from San Franctico sold at 28, per
 -The trade in wheat and Fl ur suled firm but por 280 lb . The stock at the Halle is eatimated at 10,180 cut are moderate, but of Oats good. There was a poor attendanc over froma Monday remasined Part of the Rag lish Whent left offered at that day's pricen, In foreigo the braine as done wat quito in retaif, and we do not alter out quotations. Apring description.

|  | Wheat. | Barleg. | Oats. | Flour. |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { EngHah .. } \\ & \text { Irigh } . . . . \end{aligned}$ | $410 \mathrm{qra} .$ | $1110 \text { qra. }$ | $250 \mathrm{qrs.}$ $3700$ | s. |
| Foreigra | 11,130 . | 14,760 | 30,560 | $\left\{\begin{array}{l} 1140 ., \\ 4570 \mathrm{brls} . \end{array}\right.$ |
|  | 11,540 | 15,800 | 34.510 |  | attended. Wheat in good request at market was faitly Fride quiet, without alterntion in value. Beans stcady, a from at decune; 8aidi, 368 , to 38, Onte and Oatmeal rates of Frday latt mived 37 in farr inguiry, at the axtrome


|  | Wheat. | Barleg. | Oata, |
| :---: | :---: | :---: | :---: |
|  | Sla 5 d | 46s 1d |  |
| $\begin{aligned} & 16 \ldots \\ & -10 \\ & \hline \end{aligned}$ | ${ }_{50}^{52} 8$ | 490 | ${ }_{25}^{285} 9$ |
| - 30. | 82 51 51 | 40 | ${ }^{26} 4$ |
| Fob. 13.0 | 50989 | ${ }^{47} 8$ | ${ }^{27} 81$ |
| - 20. |  | 470 | 28 <br> 28 <br> 28 |
| Average | 51 | 486 | 2611 |

## GEED MARKET

Owing to the continuance of wot weather the agricultura
 thons if held at full values, and the market exbilits no sicns of giving way; the prantity of seed now in Loodon is small, trade begins to operate higher prices mizat rulo; Gerana Red
in in fafr supply-inded, if it had not been fir Gertnany wo
anould new Engligh contintres exceedingly scarce Rid dear



 demand for Dutch Runners, which are this year being used in
the place of Scurlet, the last nnmed being exceedingly scarce



W ANTED, a steady Man as GENERAL FOREMAN Yanagement of Roses and frult Trees, and compotent to Super-

 W ANTED, in one of the largest London Nurseries,
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W ANTED, in a firstrate London Nursery, a

 WANTED, a GARDENEE, who understands the Kitchen Gardea, and the cara of Cows Figs, and Poultry,-Apply W ANTED, a Young Man as GARDENER, to go to
 W ANTED, for British North Ameriea, a Yount Man



ANTED, a GAKDENER (SXNOLE-HANDED), who
 W GNTED, a reapectable Young Man, as UNDEKK add be acoustomed wo Millk.-Apply to Mim. Mifarze, Hadioy Lodgo, W ANTED, a respectable and ative Young Man, as W $A N T E D$, as COIVMLAN, and to assist as UNDER

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 G WOENER (HEAD) -Competent to Manage Gariten Work in alt its branches; cank furnioh and carry out thans for

## C ARDENER (HEAD) - Age 25 , married; thorutughly


CTARDENER (HEAD)-Age 27 ; thoroughty under-

Cucuthoroughly wodentand -Age rocios married one ohild;
 CARDENER (HEAD), - Age 32, Marcicd, no meum-

 CARUCNER (HzaD)-Age 48 married, no incum-

( 1 AKDENEK (HEAD)-Age 36, maried, no incum-





## (YARDENER (HEAD), Diarried, wuth





CTARDENER (HEAD), Where two or moresin
 CARDENER (Singlib-HANDED, or otherniel)Cottase, M1gh Streeb, Higligate, N
(TARDENER (UNDER)
CARDENER (UNDBR) -Age 19 has beat
H OREMLAN, 3n a Noblemen's or Gentleman

FOREDAN, in a Nobleman's or Gontionmire


FOREMAN and PKOPAGALOR (Indons; -

FOREMAN (UNDER), in the Housed-A Youk
 Harmondsworth Migddian,

DRUPAGATUR, or PRUPAGATUR and Fukey
DRUNAGALUK (Asnistant,

HURESTEK. -An active Man, of excelient egp

HARM BAILIFF,-Age 40 , mariod,

BAILIFP, Middle-aged, reapectable, of

BAILEFF (WORKNG), or FUKBYLI-
Drirywoman and Laundreas.-N, G., Post Omet, Re
A PPRENTICE, - The Friends of a Youth,
A inodarate Premium will he given
Queen Streat, Lincoln'u kn Fields, w,
TMPBOVER.-Premium; bad \& firstell
I MPROVER,-Premium; had a first-elay os

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## SHANKS'S PATENT LAWN MOWERS


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| 31000 By a Lady | 16-inch Mactaine 19-inch Machine | -* | - | - | - |  | ¢6 10 | 0 | By a Man |
| .. 4100 ) | 20-inch Machine | - |  |  |  |  | 810 | 0 |  |
| 5100 Bycmoy | 24-inals Mathine |  | - |  |  |  | 90 | 0 | 00 |

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THE B WORCKSTH,HNTIIRE" pronounced by





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Thr Corrt. - The Queen on Fridas, on her arrival at Windsor from the Isle of Wight, drove with Prin-
oess Louisa to Frogmore Mouse, and visited the oess Louisa ti Frogmore Mouse, and visited the
Princess Christinn. On Saturday morning her Majesty arain visited Princess Christian, and in the afternoon drove out with Princess Touisa. The Iord Chancellor and the Rev. Charles Kingsley arrived at
the Castle on a visit. On Sunday morning the Queen and Royal family attended Divine service in the Private Chapel. The Rev. C Kingsley preached the
permon. On Monday the Earl of Clarendon, permon. On Monday the Earl of Clarendon, Secretary of State firp Foreign Aftaire, arrived a
the Cnatlo, and introturnal to her Majesty

 Beamiru. M, rister for Belprum, Nho presented their introduced to the Queen the EAarl of Southesk, who receired the honour of Knighthood, and was invested by her Majesty with the Insignia of the Order of the Thistle. The Queen afterwards drove out with the Christian and Princess Meariette of Schleswig-IItolstein dined with her Majesty. On Tueday marning the
Quteen went nut with Princess Beatrice. On Wednesday morning the Quen, accompanied by Princess Itouica and Princesu Beatrice, visted Princess Cliristian at Firogmore House. Her Majesty afterwards left
Windsor for Linndon, accompanied by the Princesses Lnuisa and Beatrice, and Princess Henriette of Schles-wig-Holstein. Her Majesty travelled by special tran on
the Great Western Ruilway to Paddington, and drove thence to Burkıngham Palace, escorted by adetacliment of Laners. The Queen arrived at Buch nehnm I'alare first of the season, which was very numerously attended. Prince. Arthur arrived at the Palace from Greenwich Park. After the Court the Queen drove ont and visuted the Prineess Teck at Kensington
Palace. In the evening Madme and Miss Tan do Weyer dined with the Queen. Tho Princess Loulsa, Holstein, went to the Adelphi Theatre. Prince Arthur mosniag the Queen, accomnanied by Princess Beatrice Fisited the Zoological Gardons. In the afternoon her Bouth Kensington 3 Inseum, and afterwards paid visit to the Dean of Westminster and Lady Aurusta Stanley at the Deanery of Westminster. The Rught Yecterday afternonn the Queen held the firat Icree of the season at Buckingham Palare. The new cour dreas for gentlemen was first worn on thas occasion.
The Princeand Princesa of $\bar{H}$ tles in Eayn

- Immediately after the departure of the Prince and Princess on their Nile tour unfavourable weather with great heat set in. Their Royal Highnesses reached on the 18th to the Serond Cata uit., and proceeded inwn the river the Prince sand Princess will visit the Pyrmmids of Gizeli. The Ficeroy, in anticipation of Pramid, and has specially erected for their rereption a pretty pazilinn, whech witl afterwarde bre allowed to and Priosess have intimaters in general The I'rince intention of visiting thr Suez Cinal under his quilance, and the Viceroy, will give a series of truly regal fetes in honour of their stay in Cairo. Preparations are fatrinable progress towards recosery. The intan
Pritce is quite well Prices is qute well urvis - It is announced that the Lerce announcell to be held at St. James's Palace on
the loth inst. by Prince Arthur on behalf of the Queen
 has been poitponed to saturday Apris. Muckngham Palace on Thur-1ay, April 8, and Tuesday, May 11. Mer Mras
Birthday will be celebrated on Saturday. May og. Birthday will be celcbrated on Saturday. May na.
PriNCE, ARTMTr.-It is reported in Canada that Prince Arthur will shortly proceed to Canada to jom the Canadian Rifles.

Cabinet Council was beld on Saturday, in Downing Street.
Parliamentary Morements. - It was announced on Wednesday in the House of Commons that if the will be from Tuesday, the veld inst, to Thursday, hiril 1 on Thirstay h mew writ was is.ued for tion. A motinn for tho suste of a new writ for
Bersdley, racant by the uncating of Sir $R$ Glass, was opposed by Mr. Muntz, who moved, as an amendment, the suspension of the writ for one year, by way of
punishment for electioneering malpractices. After a punishment fior electioneeritg malprachices. Act 123 to 6 .5 Mr. Cunlife, the banker of London, will be the Conservative candidate for Bewdiey, and will, it is said,
ba opposed either by Major Anson or Mr. W. C ba opposed either by Major A
Heming in the Jiberal interest.

Trials of Election Petitions-Baron Martin on Tuedas gave Judgment on the Salford petition,
declaring that Messrs. Charley and Cawley, the Concerfative members, were daly electerl, but that no costs rould be allorred, on account of the committee rooms in public-houses the hire of cabs, and the gave judgment on the Penryn and Falmouth petition declaring that Messrs. Fowler and Fastwick were duly lected, that no corrupt practires had been proved, and 13lack burn yenterday gato judgment on the Taunton petition, declaring that Serjeant Cox was not duly declared by the Judge to be duly elected. In Scotland on Friday IJord Jerviswoode pronouneed an interlocuto allowing the Wirk Burghs petition to be withdramn, In Ireland on Tuesday Mr judgment on the Youghal petition, to the effect that the rharge of bribery was sholly unsustained, but that Mr Weguelin was quilty of treating. ILis lordship reserved for the Court of Common Pleas the question whether the treating proved was of a corrupt character, and considering the expenditure extravarant, ordered each Weinesday, pave judmment on the Galmay petition, berlaring that the sttume members were haly elepted Cambruge petition las been withdramn. The Wryan case is now in progress. The following cases have heen set down for hearing - Beverley, March 8; Hereford March 20 ; Pembroke, April 1; Breoknock, April 7 Christchurch, April 13
THe Bisifop of Salisbury during the last few days has been in such a stato as to cause increased Cosvoretros to his friend
Contion of Canterbiry, in the Tpper House of the Convoation of Canterbury, on Friday, it was agreed, after a report of the committee of the Lower House on th aubject of pensions to diabled and retiring incum bents, and to report thereon. It was also resolved, on he motion of tho Bishop of Oxford, that in case of a hishop's inability to discharge the duties of his offic from are or bodily infirmity, he may, subject to the approval of the archbishop, pray her Majenty to appoint a coadjutor cum jure successionis, and with determined, and that proviston be made to apply this principle to cases of mental infirmity. In the Lower rom the L'pper House, with alterations in the passic relatine to the Irish Chureh, Canon Blakesiry moved and Archdearon lloore seconded, that the linise do concur in the addressas altered. Archdeacon Denison objected to some wnrds in the sltered clause, and wrih conference with their lordshins. This was secondra by Canon Selwyn, and carried, after some debate, the I'pper ITouse consented to alter that part the address whyll related to the Irish Church by the directed by the word Provid That the issue may be This mas arcepted by the then mosed and carried that the adilress should oo to the Queen as that of the "Bishops and Clergy." Both houses were then prorogued to June 15. In the adopted by a majority of 29 to 6 , declaring that "t the Convocation of York viered with sorrow and alarm the proposed attempt to disestablish and disendow the Frish branch of the Vnited Church of Eagland and hinder the spread of truth and promote error."

## fforetgr.

France. - In the sitting of the Lecislative Bois on Fruay the debate on the contract between the City of M. Ronher, the Minister of State, delivered aspeech

did
 Mivister of Finance on Friday suhmitted to the fiancial arrangement with the City of lirank Nrmment gant- to the mumicipality of that city mo me that the King would present the town with apresed a hinpe that this gracious act would win the Committer, and in the sitting of Monday lased almost unan
at noly for hipl treason, after having lasted six durs was brought to a termination on

- sti-The Judpes of the Court of Appeal gave ont ant week on an important rase which had ats and therefore involring the question of the mest in presence of the
tmesl $\rho$ Salerno in June last had decided that eat па* always ${ }^{2}$ priest, before whatever Court he and nssumed in that character. The Court of ,real host week annulted that sentence; declared to a lmissible the opposition which had been made the celebration of natrimony between Signor Luigl a nad Simnora Varianna Montefisen, and direrte e has. Thre deriston of so high a Court as that ot ho Crirt of Apeal at Naples is recarded as cf more Frysent in all ance, and as cases.
ir Richard Temp
th on the ath or will introduce the police post at or near Kohat the 13 th an incursion of one of the border tribes kis ed $A$ force mad been been carried off and far,mmer $t$ of the marauders. The son of the exare: tof the intel two cities in Turkistan On the the + propepded thither. An early intervew hetween and Shere All is therefore considered fecounts from Mallingarm state that in - ithe the of the anticipated drought for the next four Amamman fumps being sunk in the bed of the siver ireads at the s joly gards of the cantonment, and The early period quite dry.
(5idi - The inhabitants of the villages near 's3' Tho attacked the crew of the British gunboat Thmpristne her Majesty's ships Icamts, Rinaldo, कus ree Runhoats under the command of Commodore are that se details of the conflict which trok place a hemerrs nere mounded, but oot seriousig. The If a - Kinneen lectroyed and the force has returned

The Chinese Government intends to tlie tomarge dues, averaging 300,000 taels The Ifeander has made the fastest run seasin from Eapland to China, she having per-Jtin- passage in 95 days
Ten ( thern. Mikado's) troops and pon Northerners. $\rightarrow$ Ther uflered a complete defeat, and fled in ron-- a Tre reserman slip Cormelia has been lost. The vitforesmed by Japanese.
moten for the retirement of Mr Johnson and the Cel States Grant into the olfice of President of amaion, defending his admentisstration, and assertthat bonesty and simeerity had been the rule of all setions during his presidency. The Fortieth sopresiadjourned on the same day. The new Congress
then assembled. Mr James Blame, the Reprublican Representatire ath of oflice as President, ant foumed an inangural proclamation, stating that, he shall have a malies to recommend, int nolis to enforece aza pronle; that there mut be no rel bhation of a s.nge
farthing of the publio debt, which must be paid in
gald : that the revenun must be fith fulle collected and a coonted for: and that in resatl to frrelg pallie,
 Mr. Adems, the late Minsier in thas cauntry,
and Geaeral M'Clellan as Minster of Wir; and
that Mr. Motley or (ienera) Sherman whll probably he iffered the or ort of Minister to the Court of
it James. The Constitutional Amenduent enacting nearo onffraze has 1 avised Consiress, and been sent to the State Iegislature for rat fieation Hinan mad Bill was passed by the Senate on Sunday by a majority of 99 to 16 . It had preriously passed the
House of Representatives, but $w a s$ sent back House of Representatives, but Was sent back to upon whinh the IIolle sshed for a cenference, the esult of which was that the BhI! was firaly pacsel hy Congrexs substantially as it Wre mawed by thie
Louve of liepresentatives The Win in ite present shape checlares the fath of the I nitel shates in be
solemnly pledged to pay in coin ail the chbligations olemnly pledged to pay in coin ail the whigations law authorssing there, iskue expressly provides that by a majnerty of 20 to to 20, has refuced to repeal the ceneare of by the House of Iadirsentatives Wednesday the ITmuve unanimnislr pasan la reanlution crpressing sympatliy with the eff rts of the Spanish Cubans to arhleve their midependence, at the same pendence of C'ula, as sonth as a de fieto (internment shall have been established. The bodies of all the persons executed for complicity in the assaselnation of Mr attempted to kill Mr Seward, have been delivered to their friends, and liave received Christian burjal. The body of llooth was taken awry very quietly, and has lailtimore. The body of layne has not been applied jrizilas and Pqragray. - Intelligence from Paraguay states that lapez is fortifing alise interine Marruas de Caxıas and Fismunt de Herval have retired from their miltary commands.

## \#arliament.

In the House of Lords on Friday, the Earl of Kimberley, in explaining the Government bill for the frither suppression of criminal offences, briefiysicetched the course of legislation since penal kervitude had been substituted for trancportation, and the results which hive follarsed the employnemt and envision of licensed convirts, From these reculte he drew the crinclumen that the present system, whatever its faults, lad been upon the whole successful. If, therefore, be wer
asked, why further legislation was necessary, be wruld asked, why further lepislation was necessicy, be from detection were increasing. While the state of the criminal classes, who constituted a rast army wacing war on sorietr, was also such as to demand conalderation. Deprecating the infliction of imprisonment for life, he inssted on the full sentence of penal servitude being carried out, and urged that prisoners for life
too old for the public works, and criminal lunatics who, after years of confinement, maght berome same, ought to have some remission. The $131 / 1$ proposed to extend police supertiston, and to throw on the criminal the burden of pronf that he wa leading an honest lise. A register would be kept of all the licences granted, and any person holding one might be summoned by the polce before a maplstrate, and called upon to show that he was carnine an honest
livelihood. If he failed to do so, he wruld be remitted to undergo his original sentence In the case o persons convicted of felony a seennd time, it would be a part of the sentence that they should ho subjeet thes miwht be summoned hy the police to show that the Tere pursuing a decent calling, and in defatalt be appls where licensed convicts were found in auspicinu circumstances and ahout to commit a crime. For seven years' penal serytude. The receivers of stoler property, after a first conssction, would be required to show that the goods were not stoleu, and would not b allowed to plead simple ignorance of the fact. The Bill also dealt with the case of vagrants, and with cases or brutal assaults. It would not interfere with the jberty of thennocent, while it would circumseribe the movenments of criminals and greatly strenkthen the administration Hoegition expressed a general approyal of the arherae; while Farl Cimpr recommended that it should be referred to $a$ Select Committee. The Marquis of Sulisplehy hoped that the great and novel principles of the 1311 would he left to a Committee of the whole Louse, Iord Cainss concurred in this view, and urked tue Government not to refer it to a Selert come further discussion the Bill was read a first time. On Monday the House met for a short time, and having
read sotue te Bils a recond ime, inmediately movel the second reading of the lirazi cisbesman 13ill, the nhyect of which was to reveal the Act of $1 \times 5 t^{\prime}$ that lor the paast 12 years no slaves had 110 sard that for the piavt 2 years no slaves had heen iuported now to do away with an arragement whi buitate a whenl firat mitrodtueed whenoment, and whent to be sermanent, hall, and Mafolly and lard Calkx- stppported the international srounds, an a heavure mbl. do woull never are been contersilated in the case of atron Government. The lishop of $0 x 10 \mathrm{BD}$, wh lat rejoucing at the extint tion of the trafhe io saves with Brazil, on the slave tonde on fint mould turn tositention ires dever, hel the Aberdeen Act as one of the most humannty Earl Granvi LLe also spole in approving terms of the Aberdeen Act ; but as its object had boen fully accomplishod, it res, he thourht, time that it should be repealed. The 1311 was then read a second the motion of (ourd l) Law Courts (Ireland) Bill, ou On Thursday the Marpue of millat'le mared the an Thirstay the Margure of mithat' H moved the the olypet of whech wav to enathe ther $r$ lordubiges to take up at the emmacthe chelit if a nell semion ariness whelh thes had been prevthtel, by the presBarl (ibavijt tik remomended heer Iordstups to read the Bill a seconl time, and refor it to a juint eom-
 was ultmately read a serond time and referrod to a joint committee. The Brazshan Slave Trade Bill joint commitiec. Committee Yesterias Lord Rene:sulf moved for varions returns relating to the Insh Earl fibey, the motion was withelrawn The llouso Warl leftsiting.
In the (1,mmons on Fir, lay, in answer to Mr M'Cartily Dowzing and Mr. Mlake, Mr, GladsTons baid that the Government saw no prospect of landlords and tenants in Irelnnd, and that it would not he expelient to declare a policy without beme able to follow it up with e practieal meacure sir J. ELpilismused by the diseharee of numerous warkmen in the manced by the diseharge of numberous workmen in the be assisted by the frovernment to emgrate Mr . Stove, Mr J. 1) Ifrois, Mr M ("Hivmrlis, and Mr I NABFIS, also preanil an the attentom of tho Allmiralty the dimese in the reakyarl town reprethe course tahen by the late froverament in redueng the number of men emploged in the (i,wernment sards and elaimed for tho present Admmistration perfect freedom to carry out such economical reductions as they might consider dearable without impairing the eticifor eigration, the Government couid give it no lind of sanction Mr vispreste moved for a Select Committee to inquire into the operation of the Roman Catholic Charilics Act and of the Act relating to the Revicimation of Burala, contending tina bath these icte were sy-tematerally finded bi the Fiman Cathel hierarchy. On a division the motion was nematived by ring in a bil to amend the law for licensing beerhouses and for other purposes, Mr. SyEks obtained eave to hring in a Bitl for the preservation of sea irds of Great Britan during the breeding seasom Drom the lit Mray to the lst hugust, and Mr. urther amendment of the law of evidence On Mondar in expertation of the debate on the Irish Mondar, it expera was crowided in every nart whle the eallerise were filled with stranzers including numerous peers, hoth los and smiriturl After the heads of the ates relating to the Fatabhosied Church of Ireand an 1 Maynomth, and the first Resolution of last ear had been read the Houke went into Committee, wen Mr. Glapatone, amidst loud cheers from lus supporters, mored that the charman be directed to estahlist to bring in a bill to put an end to the provision of the the tempalities thereof, and in respect of the Royal College of Maynooth. Arter tating that among the general considerations which recommended the rescilution for adopion, the foremos were alive by the maintenance of an ahen Church in Ireland, he reminued the Ilouse that it was now about o The issue then raised had been clearly put, and had been decisively answerea, and the resignation of the jude Goverment judgment of Pariament and existence of the chablisuel chur itself, hecurse it was adverse to the cause of relgloincles of richt upon essentialiy opposed thord he msed. The measure of Thick els ouph be thought to be prompt in its disestabishme 14 , not he to the interest of the operation, sas ablishment should be subjected to the min of a lingering death It was alen desimble that lepiglation should be final. The trelumen desirable thar ie the Church world therefore tik send the pesing of the Act, but s perind of about 18 months would be allowed for preparatory arrange mente, and that time was proposed to be limitel to the let of January, 1871. A further period might probably be required for the subsidinry arrangements necessary for the winding-up of the Establishment. .The present

Eocleaiastioal Commission would be brought to an end,
and a new Commission would be appointed, the names of the commissioners being inserted in the , he names Commission was to endure for 10 years, which, in the numerous and divers fied purposes othich they would
 subject to life interents. It was propmel thamision, ments should he made, generally cpeaking, to appiritatonices withont investing the person appointel sith the
freehold. With repard to epiconal appontments, it Was proposed that they should be wate hy the Crow requesting tho crown to appoint sonic indsudual nampd by them The next mportant cmantment that to remove ald disabilaties to the action of the Church, if so miaded. After the removal of those disabilities, the bishops, clergy, and laty would constitute for themselves something in the nature of a poverning Council to recomiso by ineorymention that boly when created, as in tho cave of Canala The right of of Parliament was too anomalous to bo pervetuated and all ecclesiastical corporations in Ireland would lapse on the 1st Janurry, 1871 . But it was proposed effect as lawn, they should continue to be the terms of efrech voluntary contracts as might be used to bind the communion together. The Bill contained rovisions respecting the interests of incumbenta, curates (per manent and tranatory, lay ami munisplal oflicers, houses and lands, grave-s ard, the winiling-up o
the Eeclespatical Conmivion, and the wale of clurel lands. The net incomes of incumbents would be ascertained, and be payable so long as they discharged their duties, or they might be commuted for life proposed to be dealt with, it was intender to ao back to year of the Restoration (16if0). The value of these endoument. in lan l, tothes, ard money, dal no parish chureches misht be taken over on the simple declaration of the governing body that they intended to maintain them for public worship, or with a view or eligible places. With regard to the cathedrals, as they were national monuments of creat bistoric interest, it was prop,osed that in respect to 12 of those be authorised to make a moderate annual srant out of Church property for their repair; but Glendolough churches), which it was no lonear the able to keep up for Divine worship, the 3 loard of the glebe louness of Ireland could be traced to amo on to $1,201,0001$. Irrepectite of su out-tandmes clastite of 18,pon) Jer annum The burtai grounds woald ouly either with the churches or to the puor-law guardians Government did not intend at present to mable the proposal to Parliament; but so far as the College of Maynooth and the recipients of the Regium compensation concerned, it was proposed to give them 14 years' purchase. Landlords, or to commute at redeem the reut-charme now rable by the to $2 \cdot \frac{2}{3}$ years' purchase, and if unprepared to purebare the money woull be lent them at 3 per cent. interest repayable by instalments. In selhig propretary thres, pre-emption would be given to tenarits, an upon the security purchase money nould be left to be by sustalments, making the whole reparable in is years. The income of the Esepabyished $800,000 \mathrm{l}$ The finaacial recult of diaen ont, 1000 . and

 present Falue of the property of the Irish Church of interests of incumbents, 1,010, , voul.; curntes, $300,1100 \mathrm{l}$.
 and expenses of the therefore remsin a surplus of between $7,000,000 \mathrm{l}$. o disposing of this sum, the Governnornt bad concluded and suffering not provided par or by the Poor-law


 Which occupied upwards of threncluded his speech, that while be sympathived with the hours, by dellaring that, though it loyaily carricd out aill his pled Jin treated them in a liberall aud imdulgent spledges, The ind Government but of erery party and escn onvery House must be sensibly and whely the fame of the notwithatanding its mascuitude, he was san evil; but,
the olose of the controversy was near tlat
Disengl DispaELJ doclared, with much near at hand. Mr. respect to the policy involved in the unchanged with
the Premier had brought forward with so much upon disestablusbment as a political error, an disendowment-especially when accompanied
secularisation-as nothing short of mere aud sheer cranfiscation. T nder ordinary circumntances
he should hare opposed the introthetion of the ls:ll he shoulh hare opposed the introthetion of the 13:11, clection, and to the antion of tho late Government on
that rerdich, Lo would not oppoin the motion, but he

## presel for a delay of three sechs before the -erond

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 resulation of the Cattle Trade. Mr. Arlayd moved for
a Select Conmitee to inquire into the expediency of committing to some one department the duty of dealing arith administrattve and legislative questions affecting Goldney, Sir A. Nuithicore, Mr. PeLl, Mr. NravdeMr. BRIufi recommended the agrit ultural interest to departments, but nomised that, if the Board of Trade and the IIome Olfice condd do anythmg in the direction of the motion, it slould bo done. With this assurance Mr. Accand expreswed himself satisfied, and withdrew
his motion. Mr. H. Smeridan obtined leavo his motion. Mr. H. SHRRIDAN obtained leavo to
bring in a Bill to amend the Reform Act of $180^{\circ}$, hy restoring the principle of compounding for rates. Mr Crawrcrd obtained a Select Committee to inquir whether any and what amendlanents should be made therenn. Mr. M'Lacs in obtained leavo to bring in a IILDELELd obtaned leave to bring in a lsill 'to amend Wedoesday the Bayswater Market and Bathers Bill was the Metropolitan Street Tramways Bill, a reading a disousion, Was oarried by a majority of 209 to 78 . Mr T. Hramis' Sunday Trading Brly was rend a second mored the retond reading of tho Election Expenses
Blections object of whece was to throw the cont o dates. Mr. FLOEER noved nstead of upon the candi Bill be read a sccond time than amendment, that the Ayrtus, on the part of the Government, suggested Select Commole suhject was about to be referred to a time and referred to that committee. Mr. Fawcert decined to accept any compromise, and after a long debare the Bill was thrown out on a division, by the A first reading was three, the numbers boing 163 to $160^{\circ}$ Cave to amend the lave relation brought in by Mr. S Socreties; by the law relating to Life Assurance Lams, and by Mr Bucho to amend the Scotch Game On Thuraday Mre Mr Me mater of contuof arhitratinns On Thurvay Mr Mbw mis as gave nolue that, on the bridge lirecittes Teata Bill, he should move as an ametdment that the bitl be real a sceond time that day six moaths; and Mr. MARDY, on behalf of Mr.
Disraeli, gave notice of a similar amendment second reading of the Irish Church amendment to the Bill. The IIouse went into Church Dizestabli-hment
 3, Cho, Du0l, on firther acrount of the Ahy sminian Expereresped from Iudia dud not enable lam to ansurer the questions whel musht naturally be putt reypecting the that tho Inte Goved expenditure. Mr. EINT stated India any information which led them to suppose that hast original estimate mould be exceeded until August , $000,0,16 l$. and were informed that it would be Ifleram from India stated that it would be 7, 0rfu, 0,00 , hould be aproo sted to ingure a Select Committee for the "monstrou, caiculations" who was responsible O'Bries moved the House of Commona. Sir. 1 P. mittee had ascertanued the causes of the excess. But been spent by the Indiau Government, and must be regraid, the amendment was withdrawn, and the rote to inquire into the present modes a Select Committee liamentary end municipal elections, with the view of providing further guarantees for their tranquallitr purity, and freedom. He contended that the
present systern, if continued, would lead to in detall to the rich men only. He adverted and mob law which had prevased at the recen grown up, in the publuy a deep-rooted conviction had these abuses was pecret rotman. IIe owned remedy for the ballot, and thed his osn opimon on the that recent into the desirability of introduciag it of an itsquiry
 solidate, amend and lave leave to bring in a B.11 to Mr. venting the introduction and spreadine of con for proor infectious diseases aumong rattle and other antumals to bring in a Bill ford R. MuNuTase obtained leave notice that on Friday the should move-General gave
Royal Commiasion to Royal Comm
practices at

EvsTack Creit moved a resolution that ber
of false welghts and measures and
food, drink, and druys. The Houne wa
(Titn fitclligence.


##  he lad dismused Mr. Fidwards ander the te

 awignees are forbidden to phold, wheefes, tinn of hls: "deluluerate violation "f of the shenmatter of Overend \& Gurney
m ---

Money Mabeet, Fridit.-Brimar

 112t, - Forerati: Brazilian,




## fitetropolis ante fts Witinity

Leveeg held yestcrlay by her Myjenty at Barne Palace, the horse of Mr. Percy Howard shit of entrance of the Palace took fright at the s thorounhiare ats a furious dande wong the con thrown from the saddle, and the lorse boock a woman and child, and so injured them a sitate their remoyal to tho hospital. It theer
into the iron railiug which encloses the Pe knocked down about 10 feet of the massire rion
Oxpord and Cabsridge Boat Rure Universities had fixed the boat race for Fown Marcli 17, at furir in tho afternoon, is tha the practice on metropolitan waters F.ll improve the
Tre Fenian Prisoners.-Oa Thurslay tonar Mayor of Dublin presided at a conference hen
Chiarma C'ross Hotel bet incen the representst. Englisle and I rish committees, which linye be lished for promotigg an amnesty een signed by retipout peraons, and that one ras to bo presenta welerday at the Lex Baines, M.P. for Leeds, buro o (thio or oullan After considerable discusion, in which severa, dez of farlagment took part, reablitions were adopix amoenty, and it was asreed to orgaulse a dep xim represent to the Prime Minister on the loth of April The Double Murder in Poplak,-The Johr William Conper, the supposed murderer Hfe and her father. Wns pheked up very decomposed condition. He was in the anmit as when he left home on the eveniag of thamber and there were no mark
 nesday a widow named Browne and her daubhe
lam kentt for 20 years a small confet tionsts High Street, Poplar, were found in such a mauner that their death. must has? instantaneous. A married man, cailed Braddasi
had until recently lodged with them, we. and on going to his house in Canapben
was alon found wh th his thruat eut, an used was found to it a a slacath fual beneath in
of Mrs Irowne. It is suad that for some t.men has been in the habit receivod an anonsmous package contanning the in question. It is conjectured that yre or lady to her fumily, and that B
The jerulic Mealifi. - The weekly retura
Registrar-General states that in the
on saturday, Feb. 27 , 5.50 burths and 37 rosintered in London aud in 1.3 other rate
tho Tnited Krugdon. The snual
yunciat 18893
THE GARDENERS＇CHRONTCTE ANI AGRICTLTTTRAL GAZETTE



## Frobincial．

 named ef le of luruane cinder lua been forced into her body then if：－nonsed that whe had been engaged in in
 eenue Wha herbard is at this moment un Btallor 1 and in nques wasopenen on Sonday，and arjourted it Lie A man callet Willam Ilall，a sluker，was in the on Thurmas at Dariaston on suspicton，ano a orefed in mis cottage．

## ItcIand

The Case of the Hon Miss Frencif．－On Hon 135 ． 11 is 1 rench ater wish to go with her mother Beneh，and expressed ber wish to go wre to do so，and The Lord Chee Justice said she was free to do oso，and mobody who tat Court．She drove away with her of colteult of Court． nother，Lady Frenesurt．
esirance of the Court．Shot．－On Wednesday night is Mr Alibetel，the station－master at Mulliagar，was tat：Lg near his own door．he odsed an and ale $f$ ntered the wasl near hum．A bundle of hay，which lound belund the cardern wall．It is supposed that he found behnd the carden wall．It is supposed that he ported offered a reward of 2002 ．for the discovery of the
treryitrator．

## 解ailmang．

accinfyt on the Great Eastran－On Thursday meth a fatal accident occurred in Bethnal Green to
party of workmen employed by Messrs．Lucas，the notractors for（fecting some repairs for the Great Eatern Company，finde number of men merches，a heavilg－laden coal－ tru＊yased over it，when the arelh gave way and Fourteen men wero dug out alive，but more or less 10，ured：and five others were frightfolly mutilated，and qu tedead．The recident is attriblited to tho weaken brglect of putting in proper supports while the work ne going on．

## （B）ituary

Piris．Mansar Frgcount Goura，ono of the tow gurviving
 m mug，at St．Helen s，Booterstown，near Dutlin，in has outia
tear He was binn at Woudst wn，in the connty of Limeriek，

 から乐毕 51





## 






 French officera with the insigniv of the Bathe In IS5i he was knight who did not hald an Insh perage In 1959 he was
swon a Privy Councilur：in 1861 he was nominated n Kight Grand Comruander of the btar of Indra and was appointed to the honorery colonelogy of the London Irinh Rafle Voluuteers；and
 Sterbeus，Lit w2s deft a widowir five or six 3 ears silice． 13 ，








 He sat ha the $1^{2}+1$ lument of $1881-32$ as tho Conservative M．P． fur the borougls of St，Miclnel＇＇s Cornwall，whith was dis
franchised by tho frat Reforma Bill．Hio was a magiotrato for Dorsotshire，and patron of one living．He married，in 1822， the oadghter of Mr．William Thoyta，of stimanpstiead，Bchk
 1）raprer Mortimer Boot，a magistrato and deputy－lieutonant for in 1886，and marted，in 1855，the ellest danghter of Mr．Evan


 afterw irus in the（xpe hath in to＂plungen，are，in the retrat
 Flinders and France，fn $181 \%$ ，incliking tho

DEATE．－On Batarday February 97th，Trowan Brourneld FARHEAD，of the firm of Fairhead \＆Bon，Borough Market， aged 32 years．

## 秋arkets．

The imports C
COVENT GaRDNN．－3arch 6 ． The imports have increased laryely during the lant few Artichokes，Green Pens，Lettuces，and Eadvo near so good
also been nome Pines from St．Michaels，but not near as they were last year．Scrawberrites are now regularily
supplied，and renlise 3s．por on Flowers chiefly consiot supplied，and renise 38．pcr or Mowert，Heaths，Cycla．



## pruir．



 VEGGTABLESS．
 Beaza，kidney，p．Ther ，Mint，per bunch，od to od





HAY．－Per Load of 36 Trosseas．

Beat Greon Hay Bictailid，Thursday，Marct




New do．
Superfor Clover
revat tol

Inforion
$-\quad \overline{3}-\left\lvert\, \begin{gathered}\text { Prime Cd cut } \\ \text { Aum Ciurar．} \\ \text { inferior do．}\end{gathered}\right.$


METROPOLTTAN MEAT MAREET．－Marcb 8.
Bent Fresh Butter


LEADENGALL AND NEWGATE POLLTRY，\＆C．
 Gecse


Fuzends

## 

HOPS．－BOROCGH MARET
Messra，Pattenden \＆Simsth report an improved demand for foreign of all denchiptions，at flnghtly enhaneod pricen． in prioo．
We have a fiat markelis Wout
itl．तifficulty forstaine
 Curreat Patces or ENoLtar Foota per thes FLEEEA－Elouthdown hoget
Half bred dito．．．

> Half bred difto ：．
kent Flicecen
Homthrinwn ewell and wether
> Bomthanwn ewfin and wethers Sorta－Clothing
Combing

MTTROPOLTAAN CATTLE MABEBT．
We hare a fow more Basta than on Monday lut；they are In demand，and prleos art not lower．The pumbor of sheap

 11070 Beants， 6250 sheep，and 121 Calsea，irom shatand tijere ara 258 ；and 454 from the Medind and Northern Counties．
 fords，be． Best 8horthorin
$\begin{array}{llll}5 & 4 & \text { to } & 5 \\ 5 & 8 & 8 \\ 3 & 4 & 6 & 6\end{array}$
Ewen 8 2dquality $5^{\bullet 4} 0=5^{* *} 4$

$4-6$
4
Lannes
 Truraday，March 4
The num ber of deasts to about the eatno as on Tburadiay

 than for a long time prat．Prices are ${ }^{\text {quite }}$ as good ris on
Monday．Good Galves are still very dear，but tiferlor aro lower．Onr foreign mupply consinte of bl4 Beasts， 8810 Sheep， and 134 Calven．
Beat Bcota，Fere

## fords，da


Best Mulf liveda an
Man

POTATOS．－Soctrwarz，Monday，March I．
During the past weok the arrivals conotwte，by rail and trom abroad have again been ancincess of the demand．trade inkgish．The following are this day＂s quotationsi－torksinte


MARK LANE．，Mospay，Yarch 1
MAmall LAN．． ings market．MHera showed but Ittite dippoettion to perchase， and $\Omega$ portion oniy was dispoced of at abont the prices of this
 done in forefgn was quite of a retail characer，and farleg thera wis ecarcely any inquify，grindung was unaitered in value． There was no clange in Beins or Pens．Oata wero a sluw gule
at a decline of od per qr．Flutr wot with but Ltule attention．
 The weathor during the puat week has feen more winterly
 sowne parts，but since list night it 18 mil jer The grain trade
throughorit the kingdom his been slow，the finlires is the
 a further reduetion of ls．pur qr．in the ril te ef Wheart．We
obmerve no further decline in the quatations of beat malting


Liverppol, Tuesday, March 2.-There was a falr atteadance at market to day, but only a restricted demand for
Wheat, at a decline of $1 d$. per cental from the rates of this day weel. Flour dull at last Friday's decline. Indian Corn 6d. to le per qr. below those of thia day weck. Oats norl
Oatmeal stealy. Beaps rather easier. Teas firm. Others unchanged.

|  | Averates. |  | Oats. |
| :---: | :---: | :---: | :---: |
|  | Wheat. | Barley. |  |
| Jan, 16 .. | 519, 81 | 4 n 5 nd | 2\%,931 |
| - 23 | 524 | 493 | 20.4 |
| Fob, $13 \ldots$ | 51 50 9 | $43 \%$ | 276 |
| -20.. |  | 470 | 27 |
| - 27 .. | 497 | 462 |  |
| Averago | 512 | 49.2 | 973 |

We hare more l-ing in the agrictiturai seed try le, the con sumptive dem. and laving it lant commenech. Finc samples
of bew home srown Red Clover secd come to hand very slowly

 new geed. A beavy hik of yonrling American seed bas been
rekluped! this wa from London to New Tork. Alsike and currencies. Trefoil meed is th improved requeal, at recent
cheaper than it bas been been for many years
 opinion that this articie mint gn meena to be the general

 Canary sed uhaltered. Johv Sinw \& Sivs, If, Water Lane.

G Troxemer for britisi North AMERICA.
 WINTED, MEAD GARDENER - Must be an
 W anted in a Gentleman's Grden a singlo Man

 $\overline{\mathrm{W}} \mathrm{ANTED}$ in A Nobleman's Ettal $1 /$ chment a first-







W ANTED, a GARDENER
 OV ANTED, a YOUNG MAN, who hina some knnuledge

W Anred, Y Young Man, as PRupagatore, whi $\mathrm{W}^{\text {ANTED, as ben }}$ Phopigator, a Young Man, who


$W_{\text {for }}^{A N T E D}$, an intelligent, experiencet SEEP SHEKD,


WANT PLACES.-Letters to be Post Paid
TXPERIFNCED GARDENERS (or as GARDENER

To Gardeners and Balliff (Head, Foremen, or Under) I AMES CAR'1LR AND CO, having miny nfpliration




CARDENER (UNDPR) on Gentionmil


NURSERY FOREMAN - PracticithFores
I OREMEAN, in a Nollemtin's or
T OREMAN, in
Foreman, in a Nohleman's ar Tentompan EisF
Poad, Upper Holloway, Lemulom,Farm Nurbery, Tottenham, didetaax, s E.

Es
(TRDENER (HRAD),-R. MILNB, Gardener to the
(YARDENER (HEAD)-Age 30 , married, one chid(Th thorouxhly underntatids the Furclag of Fines, Poaches,

(X EsDENER (HEAD),-A Gentleman gising up hisCardener, who ts thoroughly pmotical in all branchesa, Rnd quite
( AkDENER (HEAD) -Age 3.5, married, no incum

CTARIENER (UEAD), nge j2, Married, no meam-






GARDENER (HBAD)--Age 35, married; underetands


(XRDEAER (HEAD, Horkivof) - Ag $2=$ angle

(ARDENER (HEAD, WORITGG, or food Sinfle

(TARDENER (E\&AD), Whers two or more are kept.

( 7 ARUENER (SINGLF- TAANDBD),-Age 26 , married,


## Gr Gatoentrg' Chromicle 

EATCHDAIF, MARCH 13, 1869.
-,' I HOMY R-LEFURT, or COLD GRAFTING it Mrxitanle preparalion, for use in the operation

more 1 Co., Corant Garden, London, w.C.
restruetble Terra-Cotta Plant Marker FIV AMD CU.'S PATENT. - Prices Printed [ina and Bpecimont sent post fred on rppliantion ; Also 12 Ho

0 N if the Roral Agricultural Soclety):
 N:M GATES 2nd FENCING of overy deccription, Blossom-Wall-Fruit Trees - I. VET, eff. tive and generally approved, will reara, BUNMAN NMTN GAM NET, \&o.


 Cinl meiety, and Sar Joseph Paxton for the Crystal The bect Shading is "Frigi Domo" Netting. Fis et hem, cr enld, kecpung a bxed temporalure where to it
 Mil Thy from the COLD WINDS and MORNINO FROSTB

in rave vide
1s od por yard run.
3. $6 d$, per yard

1. Dd, per yard.
2. Bd, per yard run.
Ir red mata, 2 yition mide
Tiom wod mo at onces by Midlad Ratifab, 13. 1869.
 - Wo lad 200 dosan $A$ pricots last joar on will protectiod

 Notice to the Public.
Mos JOEBPH MECHI, 112, llogent Street, has assolsed bia BDSINgSS (owidg to the Death or hin lato
 A- it of mbuba Elogatactus will be tald under coat jrive, to raillu's Halclirkuofs for the Thurlcs. THOMG'S BUYTING COAT, with LEGGINGS TOLDIMG'S DEMI-RIDING BREECHES, 12s. $6 d$ UTDING'S GUINEA FISIIING COAT. RDING'S GUINEA STORM COAT ODING'S DRIVING COATS.

EDING'S GIG, B IX, and DOGCART APRONS, warmated not to crack. RJINGS TATERPROOF CLOAKS for LADIES. RLING'S WATERPROOFS are the best, and Guarateed to stand all elimates.

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EAKFAST. - EPP8'S COCOA $=\because$ GRATEFT L and COnFORTING. son by fas Erro b the Trade tin all Parts. [ 1 ITILLA Success Unprecedeated
ar...telary -"Tey
 ir ins or atelicatio aroma, and E mro concentration ot tho
 or ratanble bererago."
Bold in Peetets only, by an Crooms.
( m TEETH and $\overline{\mathrm{B} R E T T H, ~ " ~} A$ good set of teeth Aispourable fmpreasions, white their preservatiou is

 ODONTO, or PEARL DENTIFRICE, RS unrivalled 1 atthetlon objocis, embellimbus, and preserving these

## Ni; WINDS March.

Wre throw ofre now "all the go," and ass

 heal and caxng of colets, co shests, nathma, sed nul
 dardis in ench vo dory 10 tho hangum, int



 Fea zupersedediond Squars, London, W.C.
Kstabinhed 1840 . Teat gratis. Sond for


LAWN MOWERS.
GREEN'S PATENT | SHANIS' Pa'NENT BABNARD'S PATENT

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46, KING WILLIAM ST., LONDON BRIDGE.
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W ARNERS' GARDEN ENGINE.
 ${ }_{3}^{4} 19$ O Swing Barrows, Syringes, Rubber Boxes, will be sent 2190 Machinery of every description.

On Warch 31 twill be published, in crown 8 rn , priee 2 s., free by post for 26 stampz,

## THE HORTICULTURAL DIRECTORY FOR 1869.

Edited by Robert hogig, Ll.d., F.L.S.,
Co-Editor of the "Journal of IIorticniture and Cottage Gardener," dc.
Tre "Horticultural Directory" will be a completo Register of the Addresses of all the most important establishments and persons connected with the gardening interest in the United Kingiom and on the Continent, and will consist of :-

London Seedsmen and Florists Nurserymen, Seedsmen, and Florists residing within the postal distriets of the Metropolis. County List of the Nurserymen, Secdsmen, and Florists in England and Wales; ditto, ditto, in Scotland; ditto, ditto, in Ireland; ditto, ditto, in the Channel Islands. Alphabetical List of the Nurserymen, Scedsmen, and Florists in Great Britain and Ireland. County List of the Seats of the Nobility ant Geatita ditto, of Jreland. Alphabetical List of the Scnts in Great Britain and Iolsad inting the Countiea in which they re situated, their Owners, the nearest Raturay Ntation, and distance from it. List of the Botanic fardens and Public Establishments throughout the Worid, with their Curators and Superintendents. Alphabetical List of the frardeners, and there full Addresses, in Great Britain and Ireland. List of the Botanical. Horticultural, and Floral Sorketles in Great Britan and Irtand, with the Names and Addressea of their Sceretaries, induating those that are in dliance wils the liosal Horthetural Somety. List of Landerane Gardenerd, Garien Archatects, and Horticultural lkulders and Engincers. N゙uscersmen, Seulsmen, and l'lonsta on he Continent.
Switable Adrertisements will be received at 40s. fur one Page; 25s one Half; and 1 jus fur one Quarter of a Page.
As the space is hmited, instruetions and fopy are requested prior to Maroh 24
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The Best and Cheapest Agricultural Mewzpapor 18 THE BLAGNET, Mhich has now been eqtablished for



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 $T \mathrm{HE}$ NEW METHOD of GROWING FRUIT, by the




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Oa L.AYMiti DOWN NEW or IMPRUVING oLD grass Lands



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## H

## ANDY BOOK of the FLOWER-GARDEN 

 Embraclak all olatsen of Gardene, fom the hargost to the smantiest.




an Bhax wood \& Sons, Edindurgh and Loneon.
Uniform with Darwin on Bpacte日.
$\mathrm{F}_{\mathrm{A}}^{\mathrm{ACT}} \mathrm{TH}$ ain Auchor Trapanter by W. \& DunLEs, F.L.S., Assiatant Secretary

## Sir Charies Lyell's Woriss.

## Sow Reajy. Tuth J jition, revised nnd anlarged, with Mnhs,

T HE PRINCIPLES of GEOLOGY; or, the M Modern



## THE LLEMENTS of GEEULUGY;


THE GEOLOGICAL RVIDENCES of the ANTTQUTTY
of MAN, with Remarks on Theories of the ontigin of Specles by


THE GENERAL LAND DRAINAGE and








## R <br> 

## 

THE CoURT. - On Friday morning the Queen, acompanied by Princess Conist in Hyde Park. Prince Arthur arrived at the Palace from Greenwich Park, and Prince Christian srrived from Frogmore. In the afternoon the Queen held a Levée, the first of the
season, at which about 320 presentations were made. Mer Masesty afterwards returned to Windsor with the
Princess Lousia. Princess Beatrice, Prince Christien Princess Lousia, Princess Beatrice, Princess Hearietta of Schleswi-HoIstein. On Saturday the Queen went out in the morning in the prounds with Princess Louisk and Princess Beatrioe, and drove out in the afternoon. Earl
and Countess Granville and the Chancellor of the and Countess Granville and the Chancellor of the
Exchequer arrived from London on a visit. On Sunday morning the Queen and lioyal family attended Divine service in the private chapel, The Rev.
Dr. Hessey, Prebendary of $\$ \mathbf{t}$. Paul's, preached the sermon. On Monday morning the Queen Walked and drove in the grounds. The Dowager Duchess of Athole, Earl and Countess Granville, and the Chancellor of the Exchequer left the Castie. On Tuesday morning the Queea, accompanied by Princess Louisa,
Princess Beatrice, and Prince Leopold, loft Windsor Castle at 11 o'clock, and visited Prince and Princeass Christian at Frogmore. Her Majesty afterwards came to town by special train on the Great Western Railway. On arriving at Paddington her Majesty and the Royal detsonment of the 17 th Lancers; Prince Albert Victor, Prince George, Princess Louisa, and Princess Victoria Windsor Castle. In the afternoon the Queen drove out with Prinoess Louisa, and visited the sludios of
Messrs. Philip, Bell, and Boehm. Her Majeaty and Princess Louisa afterwards visited M. and Madame Van de Wejer, at their residence in Arlington Street. In minater and Lady Angiveta Stanley, and Mr. Arthur Helps dined with her Majesty. Princess Louisa Thaetre. On Wednesday morning the Queen arrived at the Palace from Greenwioh Park In the afternoon the Queen held a Drawing Room at Buckingham Palace, at which upwards of 100 ladies Ters presented. In the evening Prince and Princess to the Haymarket Theatre. On Thursday morning the Queen visited the Duohess of Cembridge at St. James's Museum. The Right Hon. W. E. Gladstone had an audience of her Majesty. Gount Gleichen visited her Majeity, aud remained to luncheon. In the afternoon Princess Beatrice, drove to Camprincess Louisa and visit to the Duchess of Argyll. Princess Louisa and Princess Arthur went to the concert of the Philharmonic Sooiety, in St. James's Hall, Yesterday
Prince Arthur held a Luves on her Majesty's behalf at Buokiogham Palace. The Queen and Rogal family returned to 1 indsor.
The Prince $A N D$ Princress of Walre arrived at Assonan, the Firat Cataract, on the 2lst ult. It is
expeoted that the Viceroy will aocompany their Royal Highnesses on their return to Alexandria, where a
grand ball will be given in their honour. Subse quenty the Prince will probably visit the Suez Canal, and will then, it is gaid, leare for Jerusalem, where he Hifl remain durime Holy week.
Privcess Christran And THR Lnfant Pbince issue any more bulletins. Princess Progmore on Sunday for Germany, in consequence of the serious illness of her father, the Duke of Sohleswig-
Holstein.
The Cabingr.- A Cabinet Council was held on Saturdey, in Downing Street. Another will be beld to-day.
Parleabratary Movements.-- The election for Cunliffe, the Conservative canday in the return of Mr. 14 over Major Anson, the numbers being 477 to 463 . return of Mr. Mialt by terminated yesterday in the Thompaon-the aumbers being 9235 to 7782 . Sir Harcourt Johnstone was elected for S'arborough on Thursday without opposition.

Thial of Tilection Prrition
gave judgment on the gave jaringment on thae Fikan Lancaster, were duly elected, and that must pay the costs On Thursiay Ba that the election of Sir H., Edwrit Kennard was void at Common Iam. late sitting rembers of any know extensively provailed in the borough follow the event. The Hereford petitions are still in progresis.
has made an order that cach pat
ninster petition shat Ainster petition shall pay his a Royal Commission to inquire The Thirsk and Christrocent withdrawn. Baron Martin will tion on the 16th inst.; the Dover petition
Pembroke, April 1; and Breat Pembroke, April $1 ;$ and Brecknokk
Justice Willes will hear the tho March 28 ; Northallerton, April 10;
April 20 . Mr. Justiee Blacilbum April 20. Mr. Justioe Blach
Hastings
petitions, April petitions, April $20 ;$ Boston, April Stafford petitions, May 4.
Illiness of the Bisiof of Cablisi sequence of the severe illness of the Bis the Continent for some monthe Anderson, formerly Bishop of Bupotith grava's absence.
LORD MILTON, M.P., has boen oblitil a severe attack of inflammation in the ep required him to confine himself to a dremos His lordship is progressing favourably toned

## $\sqrt{50 r c t i n}$

Francz. - In the sitting of the Legilatin! Friday the debate on the contract betireen te. Paris and the Credit Moncier Wha rean by a majority of 211 to 22. The amendurente from the Third party was then brought supported by M. Martel, but was alo ride
to 36 . In the sitting of Saturday all tho that were moved wer rejected, and agreed to. Article M1., was withurasn an Bill was then carried by a majority o sitting of Tuesulay a debate took place on
raised by M. l'agezy concerning the duties. She Chamuer passed to th over the interpellation. In the sittirg, the table. M. Rouher, replying Government to an interpeliation of whi been given by M. Maurice Richard, question of a qupplomentary cemblor blished at St. Mery-bur-Oise, woula passed to the order of the day over the phat the interpellation relating to the Montar tery, and the Government haviag consen should be referred to tho Co agroed to by a large majority: The Mins merce has issued a report, whioh has beea the Emperor, proposing to refor to a specian the examination of the question, 10 mor really owing to the conditions under fabries are admitted from abroad M. Der en ppointed to succeed M. Troplong 23 che Senate has not yet been filled up. aiere, French been for some days in Paris, will has been for some day in Purate def nercial cuestions raised by the new Belana The Belgian Minister, M. de Be Brassels on Saturday, returned te daria
M. Hector Berlioz the composer, d.e Monday, in his fibth year. The interd 18:3 upon the yue daumales been rean
been removed. the sheets hase beat heyph publisher, with an offer to repay hime tue incurred in legal proceting ban, has just taken place rith procuring abortion ikewise chring aborthon, and one of had been concided; to her eilher to or to otier wise aispose o. bried then one excention all the prisoners conf The chief culprit was sentence the gal Averof the others. Wero ment for torms varying Spain. - In the eitting of the
Monday, Oatalonian member to make known its intentions on and wished the Minister of Pinan Senor Figuerola, in repl proteotion, Cadiz, on the contrar port. Free trade might aver, 蛙 prepent it mos

 not for military achievements should
fllen dynasty, and that the Duke of hould be neither Marshal nor Kin fur, in Teply, said that the pare of monte by the late dynasty, by ris banished, and to intiend toliove him of his rank The question, he said, had been raised razards the candidature to the throne.
auerzs and Custellar (Republicans) then Buerss and Custellar (Republions) then
:peecties violently attacking the Inake of Afmiml Topete defended the Duke, and Rnyal Highness at the time of the war in ished to jroced to Airjea, but was not perDuilis on board the frigate Saragosses, at the of the insurrection in September last, it was (Admiral Tonete) did not think it a proper
to bo puraned. He concluded by stating that of and the Duke of Montpensier he perared the letter. Marshal Serrano said raonal opinion; that it was sot yot tıme to ; perument and that the country were bound to respect the supreme deoision of the ConSeuor Sagosta brought forward a Bill be cortes rejected a projusal to abolial) and adopted unanimously Seuor Sagosta's
e-ty for Newspaper Ofences, which puts oen utions now hending In the sitting Nenor lisucrola brought in a Bill to
an of one thousand million reals in cash, in bonds of the consolidated external debt. -In accordsnoe with a deoree promulthe South-Hastern Railway and its depenund conceded to the company an indemnity nuludran has sailed from Luspon for a days on the coast of Portuggl.

- Cabinet Councils were held on WedThursday, at whioh the King presided,
that the object of these meetinga of Was to examine the question raised difficulty between France and Belaturday the Bill for the abolition of for debt was adopted by a majority of
amendment, which was proposed with ansmendment, which was proposed with i by 86 to 43 . On Wednesday the Semate adopted of 22 to 28 the Budget of the Minister of Prosecutor-General apainst Mr. Doulton he Court of Cassation on Monday o all German Sovereigns against the opted by the Prussian Diet for the conprivate property. It is said that the mr of Russ
Peterchurs
n-The The Ministry closed the sesaion of the iet on Saturday by order of the King. The Fenment had acquired the conviction that, in dopinions was to be found the true source of rermment thanked the Diet for its approval of
promised to besr in mind the necessity economy in order to restore the also expressed thanks for the adoption o Frankfort; and, after mentioning justicen given to improvements in the nmernme the different provinces of the noncluled with a promise that next ses le system of edine submitted to the Diet In the sitting of the North $t$ by a great majority, and Duke Ties Benaingsen mere also re-elected vice$4=A$ telegram from
wis IL. has beon from Munich states that ien nomralgic prins in the right leg, at the

The Budzet Committen of the Towe proved the fanancial law for 1890 the revenue at 296,28176 floring 3096,671 of the flostion whioh is to be corered by the rapplementary credit of $2,286,526$ florios donasion of the Budget, and passed the estithe loterior, and for the Gosrath, for the of Tuesday the House passed the finance, the of Public Instruction, of the and approved the estimates of the revenue the on alith irect ta xes, from the oustoms, coed to the estimates orthe of Wenditure for
the Ministry of Finance the Ministry of Commerce,
and the Ministry of Agriculture and adopted the estimates of the revenue of the Ministry of Finance,
and the Ministry of Commerce. Iu the sitting of
 requirements for the Min
Debt, and commona affairs.
then passed the becond and third readng
declared that the Duie de Grammont, the French Ambessador, has abaydonod his intonded journey to Paris.
HUNGARY.-The elections in Hungary have been attended by violent conficte among the electors. In a and 40 wounded. The Government have issued stringent proclamation on the subject.
Crosita-The Emperor and Pmpress arrived at much enthusiasm by the people. The town wha Vrilliantly illuminated. Count Beust also arrived from Viennt, The Empress is expected to take her depar-
ture for Peath to-day. Ture for Pesth to-day.
TransylvanH,-A Confereange hen been hald of at whioh it was decided not to toke part in the oleptions to the Hungarian Diet
Iracx-In the sittiog of the Camber of Deputies Renranisation [3ill, in which the Ohamber adopted motion, suspending its derisimin on Signor Peruzzi's proposal, that P'refects should hemeeforth no tonser who has been commissioned by the limplsh Governof the Indan matis, arrived at Bran lisi last week from
 returning to Fingland by tho Brenner, ancompanied by
Cavaliere Vigli, inspector of Italian rubuays, in order to determine tho best route for the direct service between Oitend and Brindisi.
Papat Statre - The Pope
Papal, Stares - The Pope blessed the Golden Rose
on Sunday. Tho En民linh Catholies residine in Rome have celebrated a tridumm at the churoh of Bt. George to implore the intercession of that saint for the return of Eingland to the unity of the faith. The Pope las reisco the Duke d'Acquaviva to the dignity of "Cameriere segreto di Spada a Clapps," the most disStates of the Churoh. It is expeoted that Dr. Mannine Fill receive the Cardinal's hat at the zext Consistory In consequenae of the tranquillity which now pro the Min ine provimces of Campagns and the Maremma the Minister of tha Interior has issued an ediot revoking the extraordinary measures against brigandage contained in the adiots of 1865 and 1867. All cases of tribunals, but the penalties remain unaltered. The

SELRVIA:-The Jelgrale Minsisterat japer of Tuesday right to conclude countries the provisions of which are binding on Servia, or to asty the projeoted Cestern Raimay through Bosnia, thereby, outtiag of Servis from the that Aervis will not submit to proceedings vitally prejudioial to her interesto.
TUBERE.-Asli Pashat the Grand Vizier, is orgeniaing rreat hanges, origind ${ }^{2} l y$ surgester by the ate Fuxd Pashe, in the domestio adminatmation of Tarlsey. Khe Turkish Ambassador at Paris has received Constantinople an academy of zatusio on the French plan.
Persia--Tho dispute between Turkey and Persia is in a fair tay of being attlled, an envoy hsying arrivad the Shat.
EgYPT. - Sir John Lawrence, socompanied by Profesor Owen and Mr. Powler, the opgineor, lot Alexsndria on Friday in the Oaradoa, for Brindisi, route. The Duke of Sutherland left on Saturday by the Italian stegmer for Brindigi, on his way to Jingland. The Viberoy
IndTA-The Ameer of Afrhanistan has arrived at Peshawur on his why to Lehore, where the LientementGovernor of the Punjab, the Hon. D. P. MLeod, will hold a Durbar, The oampp is being formed at Urabslla, Fhere the interviev between the the 25 th inst. Sir Riohard Temple delivered ! his finanoial statement to the Lepisative Oouncl on Afonday. The completed accounts for 18u'- 68 show
defioit of $1,610,017 l$; the regular estimate for $1868-69$ shows a deficit of $2,801,2441$, ; and the budget estimeto for 1860-70 exhibits a surplus of $52,650 \%$. It is propococ Lated sill peome tax or per and to nerotiste loans to the amount of $5,000,000$ l. The oustoms and salt duties are not changed, and no part of the opium reveaus is totally destroyed by fire on the 8d inte

AUBRPALIA-Acoounts from Sydney stato that a motion of want of confidence in the Ministry has been ments for Parlisment. Tnteroblonial Conference for the establishment of a Customs LTion were progressing Accounts from Adelside stato that the Government The arrival of the Duke of Frdinburgh wes daily expected. It was annonnoed that the Oueen had requested that the reception given to the Duke should be of a non-official charater

UNIemD ETaTRg.-The following if the full toxt of
the insugural proolamation of Gearal Grant on thang
the osth of ofti u on the 4 th inst, ess President of the
United States. -



 enforco againat the will of the peopio. The laws are to gurent


 country All lawa to socure this ond ondill roculve my begt
efforta towards thair enforcement. A
contreat dobt has beat return to a apecto baris Union, the payment of which and



 che faithful collection of iho To this should bo added
bifity to the Tresury for overy dollar colloctocount, and
the greatont practioable rotronehment. Who doubty the foasibility of paying avery dollar with more cape than we now

 United determintation to do is is worthmore than divided coume The on the mathod of doing. Lesrialation on thin subject maynsel
now be necensary, nor ovon edvisable, but will he mo what bave rosumed its wonted channels, It shall be my ondeavour assessad, and to have them properiy disburred. I will, to the best of my ability, appoint only oficars who will carry out
this design. Regarding foreling policy. I would doal oith nations as equitbably as the inw raquitras that iodilvidual citivens, whether of native or foreigu birth. whenevor thef Iglats are jeopardised and whorevor the flag of our country
Aloato. I would reapect the righte of all nations, and demand doaling with us, we may be compelled to follow tho precodelnt. Cinristianisation, and ultimate cítivenghip in it civilisation desire the sdoption of the Suffrage Amandment to the Const tution. In conclusion, I ssk for pathent forbearanoe one
tawards the other throughout the land, and a detarmined
offort on the part of every cltiran to shans and bappy Union, end I ask for prayers to God on behalf of this
On the following day it was announced that the new Cabinat had been constituted by General Grant as follows, all the members, with the erogption of Mr. I ashburno, being men pew Somelary of Stats. Mr Adojph F. Bowrie, Philalelphia, Secretary of the Navy; Mr. Aleanander'T. Stewart, New York, Secretary of the Interior; Mr. John A J. Cresswell, Moryland Messachusetts; Attorney-General. Georgeral Sohofeld was retained as Secretary of War. General Bheridan Gieutenant-General of the Cnited States army. On Monday President Grant requested Congress to repeal the old law prohibiting Treasury Mr ers from engaging the Treasury. Mr. Sumner objected in the Senate to the hasty repeal of the law watbout deliberation. Mr. sequently tendered his resignation, Which
 burno, Secrelary of State, and General Schofield Iamilton Fish, of New rork, lias been appointed to succeed General Schofeld. Mr. Wontwell, of Mas sachusetts, member of Congress has heen nominsted Secrotary of the Tressury in the room of Mr. Stewart, secrotary of the lrasury in the room of Mr. Watewart, President as Minister to France in the room of General Dix. All these nominations have been confirmed by the Senate. In the sitting of the House of Representatives on Wednesder Mr. Butler reintroduced the Bill repesling the Tenure of Office Act Which was rejected by the Benate, and it was passed by in Now Hampine Repubinans Nave carn' Hinanco Bill not havina been sicned by President Johnson before retiring from aftice, hos failed to become a lav by retiring from oflice, has alicd to ecome law by reason of Congress having adjourned betore the expirnThe states of raine Michign IHinois and yio consin, have Fatified the negrosulfrage mmendment.
Newformbeand. - The Nopfoundland Agmombly have pasiod the addreas in reply to the Lieuronant Goveranors Speech, aftirming union with the dominion of Canada by 3 majority of 20 to S . fhe Legistatin

CUBA.-Intelligence from Heranath mnouncea that a battle has taken placo near Puerta Principe, between the Government troops and 4000 insurgentg. The latter were dereajed, with heavy losa, The Government selegraphed to creneral Duice vo supend the executin of insurgentl condemmed to death.

Bazzild AND Paraguat.-By the mail from Rio Te learn that Lopez had fled to the mountaing, and had summoned the crems and puns of the steamerret to
join him at a nem position at Birabibi. He was said to have 5000 men armed, and he had ordered the gilaughter of all the Paraguasars who should refuse to sbandon the country acoessible to the allies The
American Minister and the Frenoh and Italian Consul. remain with him. The war, however, is conssdered by the allies as iniBhed; and fir ir supposed that the first act of which will be to outlaw Lopez. Chili, Prru, and ecuador.-Acgounts from Valparaiso stats that the troubles with the Arancano Indians had resulted in a terrible massacre. The Indians had orossed the Malleco, and carried desolation and slaughter through the exteasive. Numerous farmers were butcohered, and their women snd children captured. The disastrous affair is believed to be an ant of retaliation on the part of the Indiang, who a few days belore had some or their set lements invaded by a detachment of the Chilian army, whildren and a large quantity of live-stock. In Peru earthqua kes continued at short intervals. At Arequipa it was reported that been totally destroyed. Fever was still very prevalent. President Balta, in consequence of a personal attack made on him in the columas of the Commercio, had gent for the Editor and ordered him to be shot by the kuard immediately. The Peruvian Ministry expe rienced great difficulty in preventing the President
from carrying out his order. A revolution had from carrying out his order. A revolution had
broken out in Ecuador. President Espinosa had been broyen out in Ecuidor. Presiden hadpinosa hasession
deposed, and Garoia and Monena had taken posce of the exeoutive.

## Barlament.

Iv the House of Lords on Fridsy the Arohhishop of Cantrgeviry brought in a Bill to amend the law relating to olergy disipline and ecolegiastioal oourts.
The University Collepe (London) lBill The University Colleze (London) Biil was read a
 or trast had been deprived of its property without full oompensation, or offeanoe alleged to justify suoch deprivation. Earl $G_{\text {RANVILLE }}$ opposed the motion which Fas ultimately withdrawn. The Habitual Criminals which Lord Portman, Lord Romiley, Lord Hylton, the Earl of Shaftesbery, the Earl of Cabnaryon, Lord Afrlie, Lofd Hovgeton, the Duke of Clevelasid, and the Earl of Kimberiley Carl Grasvileb etated that it was intended to propose the adjourrment of their lordship's House from the 19th inst. to the 5 th April, for the Easter recess. which was to alienste from Oriel the osjoconry of Rowe wer and a living of 12000. a-year, and to are to form part of the patronage of the College, was read a second time. Earl RuggezLI called attention to the large sums voted by Parliament for the purposes or ed been successful, and that therefore it was the dnt of Goverament and Parliament to establish a good荤eneral system of education in England and Wales. that the pressure of other matters rendered it im. possible for them to deal with the question in the which the Duke of Marbionoras deprecated any ranh interference with the present system, and Lord The Marquiq of SALIsBCBE was of opinion that the The Marquiq of Salisbery was of opinion that the spread of education had a tendency to diminish pauperism, but had no connection with the dimi
nution of crime. The Bishop of nution of crime. The Bishop of Los don pro-
tested against this doctrine, and said that any one who had visited our gaols must be aware that the vast mayority of criminals were wholly destitute of education. The Brazilan Slave Trade Bit Was read $n$ third time and passed On Tuesday the Duke of Somerrex called sttention to the correquestioned our right to send them missin in Chins, and and then employ a fleet for their protection wherior, Fould experience of they ventured that which they nothing elas Birmingham. The system pursued was of gunboats and wropagating Christianity by mesans tion. The Earl of Cuseendinon adme utmost reprobsWhilst raco no doubt that they required to be protected, he had themselves, The whole Chinese population were averse to them, and our naval force was constantly called apoo, not to enforce treaty rights, but for the protaction of two or three rash men who would duct. The Gorernment had informed the London Mixsionary society that they intended in future rixidly to adhere to the principle that missious could not be protected where on Consul resided, or in any Biohop of ST. DIryD's agreed as to the need of the use of cautson by missions in China, but doubted the Crinese people. He hoped the Govern among the miver endeapleur to put down missionary effort woull mintionsies when they did not abide by the effort, but the Government acted at their obide risy. The advice of
of PTishop

opium trade for instance, in defence of whioh we had
once undertaken a coslly war. Earl GBEY agreed that there should be one same rule in respect of the trader force his was into the interior, whether a trader or a missionary, it ought to be understood that he was not entitled to protection by arms. The Earl of SHAFTES-
BUBX thought it right to state that the missionaries in
 sionary societies, which aiways showed as much judkment as zeal. On Thursday the Duke of AbGrLL
moved the second reading of the Governor-Gexeral of India Bill, stating that, with one exception, it was the
same as that introduced by the late Government, and same as that introduced by the late Government, and
was designod to remedy practical defoots in the
machinery of the Idied Government. After a brief machinery of the Indian Government, After a brief
disoussion, in which Lord Liveden, the Marquis of
Salisbury, ford Houghton, Lord Hardinge, and Salisburr, ford HoUgRTON, Lord HARDINGE, and second time. Yesterday the Earl of AIrlis moved for a select committee to inquire into the operation of
the law of hypotheo in Scotland. The Duke of Argich assented to the motion, whinh was agreed to. In the Commons on Friday Lord E. CECIL called attention to the state of the law in regard to the inse of
fase weights and measures and the adulteration of food, and suggested that the Government should take up the subject. Mr. BrigHT, in reply, said that it was vain for Parliament and the Executive to attempt to keep a watch over every shop in the kingdom, and in his business, life here would not be worth having, and a man had better emigrate to some other country. After some discussion the motion whe withdrawn, In that, looking to the increase of mileage and passengers, there had not been an increase in the number of railway accidents, and that the companies now paid upwards of half a mikion per annum in compansations for loss of life and limb, and for damage aud loss of
goods. In answer to Colonel Greville-Negent, Mr. Roods. In asswer to Colonel Grevillez-NEAENT, Mr.
C. Fobtricue said that the Government were of opinion that the Under-Seoretaryship for Ireland ought to be a permanent appointment, and consideribg it a grave error of policy to confer it on a military
man, they held themse]ves at Juberty to remove Sir E. Wetherall into another office. The ATTORNEYGeneral obtained leave to bring in a Bill to consolidate and amend the Law of Bankruptcy. He stated that the Bill was based to s great extent on the Scotch in the cas of aboished imprisonment powered ereditors to administer bankrupt estates themselves and in their own way, and that it deprived
the debtor of the power to make himself a bankrupt, and after his release made his subsequently acquired property liable for his debts for six years, unless he had the law would be administered by the county courts, minster Hall ance of a jury. Mr, Norwood, Mr. CRCM EwiNg Cram. Crossi, ey, Mr. CROSSE, Mr Mohley, Mr. members expressed their approval of the measure; and leave Hys given to bring in the Bill. On Monday a constitution of the Board of Treasury by the oreation of a third Lord, and the appointment of a financial Lsistant to the War Minister, and of the Marquis of Lansdowne as an extra Lord, without salary, to represent the Tressury in the House of Lords. Mr. CHiL DEES then moved the Navy Estimates, stating that
they showed a reduction of $1,027,0002$. on the current yey showed in reduction of $1,027,000 l$. on the current
year $1,300,000$, on the year $1867-68$. He stated. that he had succeeded in concentrating alf the Whinishrative departments of the Admiralty about Whitehall, and that the gemeral result of his changes to individuals os of $20,000 \mathrm{c}$. a-year, with no injustioe dispensed with had been placed upon a redundant liat, and if competent would be again employed as vacancies occurred. About 9000 l, a-year would be caved in the silperintendence of the dockyards, and it was expected that great reductions would be found poswible in the foreign stationg hospital departments. The sbins on men, to 64 , with 8000 men, while India had been calfed upon to bear a share in the expenses of her naval 370, consisting not of ablo seamen but of the nonof office class. It was intended also to deal with the list a certain number of captains, commanders, and lieuIn the bliphying them a lump sum in lieu of half-pay. Was intended to minimimanuacturing departments it to extend the period for which ships were commissioned which three years to five; to build two fixed turret shops, another turret ram with a perolving in the world, smaller ships. These arrangements would and two the 66 eficis feet of 47 armoured vessels with 598 guns vessals of the old type ships, and a large number of stronger than that of any other nation Colsaion, in which Mr. Corer, Sir J. Pativaton Colonel SYKRg, Mr. SAMUDA, and other members took part, the first three votes were agreed to. Mr. BUXTON brought in two Bills to provide for the metropolis, and also of a Central Cornoration bring Tuesday Mr. Loces Kive moved for leave to iotestates like for distributing the landed property of tributions. Mr. Hersal property by the Statute of Disported the Bill; Mr. B. Hopk, Mr. HENLER sup-
 Mr. DRNT, and Sr, BRECB numbers being 253 negatiped b lost. The Soliciron-GENerst similar to that of lasity year, ani
the colleges to alter the prow
BIL be read a second Mr. Mowns debate was ultimately adio
time and referred to Company Bin wa Mr. Cardwelis moved the Army to $14,230,400 \ell$, and said that they s per cent. on their whole amount, ar of our troops from the colonier, and nature snd results of the
tioned, as one important feature of the changes, that with 92,000 men, 0 mp able advance would be made torar to pass one-half of
home. Withregard
Militia, to which he our Reservefonn be kept up to its full amonnt, and t be granted to improve the

## into

 the volunteers, no locality would hare aca of corps than it required, but a receive the grant, and ollocrs a general result, the total force and Reserve forcesaugmented to 400,000 , forma the armaments of other European Pumer $s \rightarrow$ th ought not to be content mith lex $\pi_{d} \operatorname{li}_{1}$ guns, be said that in the Fraier gar 2
rifle we had the best weapoos si pan science, though it was possible that the fis smali arm might evantually supersede tut
conclusion, he sad that the estimatestat the beliof that they were consistent mith efliciency and improved organisation
system. He moved that $122^{\circ}, 360$ meta service of the United King
year. Sir J. PaKiNgosos expreaed h. $2 x$ members had discu

## and the amount

that, in Committee of Supply, be shoond Army Estimates did not aif
the organisation of the army,

## a. seleat committeo to inquire and mipt

 of young children in our large up without education, unsireThe House was loft sitting.
Ufty intellightris.
Monet MarEbT, Friphy, -

## Account; New and Reduced That ?

 Foreion - Brazilian,

Turkish Six per Cents, 63 to dsta, Cents, 40 p to 401 :

## fitetropolis and it ${ }^{7}$

general meeting of this Asoct at Willis's Room


Hssociation on
Association spent

## - why to make its position seeure would be to not be so expensive as its predenessors he 1 ssued this year, for all new rifles inen monrerted. Those, therefore, who it (Heen's l'rize must use thenr own Cheen's Prize must use theur own muasible at fresent to determume $\rightarrow$ ch minld Hi- 2 toptert <br> vifer Iieview -The Commander-inaspontel Injur-General Rusel!, C 13 ile aouth-astern district, to comomand at the I hower review on Easter Monday, he following general offieers at Alder- d divisinas - Major-General Kenny arey, and Maor-General Sir Alfred Carey, and Major-General Sir Alfred I ruper uledical arrangements for the   Iover and back at the rate of 3., for 1o fid rank and file. The London Iced are Charing Cross, Cannon Street, Sharkfriars. The general public will be with additional trains and excursion

Misebimfp Battrrt.-The Monctioff invenmounting heary artillory has been defnitityely
ty the Covernment. Captain Monerieff is to at, a sum of money sumficient to cover the in mindels and hus preliminary expenaes rituovely to tho public service (about at the rate of 10001 . per annum, which rate anntinue as lonk as Captinin Moncrieff is
Treplering assetanee towards the applealetian of his syatem ; hirirdly, be is to whut as a reward for the invention, and for
Wheh may be made of it in her Majesty's cither alnat or ashore, in any mord firiztion or
 draw his snlary of towel a-vear.
Fir Cumeng of Wooliwich Dockiabd. - NegoSt aspere hinb nuilding firms on the Thammes,
 Oh pat a a large class. Should the negotiations Wuont on the clasing of the Government yard Martisans from the town prevented. Tas Thimps Emankment.-The Council of the wiy int huve appointed a cornmittee to report
 mornsement of the metropolis. A meeeting will un in Thesday next, when the meeposal for for
the new law courts on the Embankment the rownesed.

## shaps-A specinal meating of the zeneral conocil and

 Tednandugates of the Reform Learue was held on ane the fresident. Theoive the resignation of Mr. Beatea presided, and stated that the time had ohen be could honourably retire from a post masepprespentation. He then contrasted the the I, eazue commenced its labours. The marting in the parks had been sustained; an was on the evesentation had been gainged;the Irish Chureh estabing ; the ana 5 of the Irish Chureh establishment was about lasuarsed He did not mean to claime credit for 1 greatly helped in the bat $\ddagger$ le. A vote of thanks (HintFRmorise by arolamation.
the (harterhouse Platground, which was Ttent, has been let on bualdiag leases, and s ropered with warehouses and shect of LaND in The City -It was stated sharehoiders, held a few dsys since, that of font fror a piece of ground in the Maf Sinthfield Market had been refused
Palationarr.-The Archbishop of halace Library.- The Archbishop op
hapointed Archdeacon Hale to be 'irean, Ficar of St. Philıp's, Stepney, to be Librarian; and has confirmed the late Arch apmanment of Mr. S. Wayland Kershav, SQuarf.-In the Rolls Court on Satur Leinaster Square, to compel Mr. James Ir John Augustus Tulk to restore the proper state of reparr, and to maintain i norat and ornamental condition as a ontar pleasure in certain ded, in conformity with ind luls. Lord llomilly gave judgment th artornance of an equity could not enforce ally thound to nonsuited, but as the defendants ate of reparr, they were left to pay their
deking op Pabi Lane.-At the weokly
meetion of The Metropoltan Bonnd of Works on
Friday, the Works and Improvements Commuttec brought up a report, momamendins the Board nol in of Wept certan clanses which Mr Gore and the oflise of Woods, proposed to invert in the P'arl lane lanis lesapes and tepatson of the houses nad buldings in
 dminution in the ralue of all the houses in consequence of Hamilton Place benge conrerted into a general concurreace among the members that in the interest of the rateparera as well as ${ }^{3}$ matter of prin-
aple, these offensive claunes should be energetically cuple, these offensive clauses should be energetieally opnosed, and that the Bull should be abandoned if Commaitee
Incesilst af Beerhorses - In imfuential deputatton, headed by Archbshop of lork, wated
on the I'renier and the Ifome Secretary a few on the l'remier and the Jiome Secretary a few days since to represent the adrisability of repealing
the Beerhouse Aot, and leaving the licensing in the hands of magistrates noly. Mr. J. A. Smith. as one of those who supported the passing of the Beerhouse Act of 19,30 , simply desired to state that in his opmon it Governmeat, or some prasato nember sup ported bs the Government, would introduee a meature for the repeal pistrate, could state that half the rases which came before the petty sessions had their ohigin in becrhouses, and under the present system the magistrator were practically unable to enforce salutary regulations with reference to the manner in which they were in be consno doubt the present systern was totally unsatufactors novertheless tho Government enuld not materially himed or bias the rense of Parlameut on the subseet. The memorial, howe

Tha Clahafe of Corriptov abaivat dimiMr. Gainbier, Admiralty clerk, and Mr. Rumblo, Government inspector of machinery, was resumed on Thursday at Bow Street. The Han. Robert Dundes, Storekceper-General, Admiral Robiason, one of the Lords, and Mr. Baxtor, M.P., Parliamentary Secretary to the Admiralty, Rave evidence as to the noceptance of the tonder sent in by Mr. Maxwell, to show that
influence had been brought to bear upon them. Thomas Henry committed both pr.soners for trial, a the solicitor to the Admırally stated that other chargas agninst the prisoners were under in restigation.
P'bosfctitio of the Rfy. W J. E. Bennett - Lard Auckland, Bishop of lath and If ells, has consentorl, on the report of the Comtanamin iexied by the Vicar of Frome to the Court of Arches by letters of renuest, and the matter will come before Sir Robert Phillimore in the course of B few weeks. The complaint gainst Mr. Bennett wil be that he teaches altar, and that without that doctrive containing and inferring the sacerdotal office of the prieet, and the maorificial character of the altar, there would be no altar at all. The case will also embrace some minor charges. It is said that Dr. Jackson, the new Bishop has declined to grant, even minssteriaily, any and to has arosed Court of Queen's Bench will bo applied to for a mandamus to compel his lordship to render to the promoters of the suit the same ald as was grated by the late Bishop of London, the present Archbishop of Canterbury.
me Great Convent Cabe-The Tablet states mat the expenter of the defendants in this action will therr appeal to tho judges in bavco they will also be liable for the costs of the plaintiff.
Thb Fatal Accident at the Levbe-On Tuegday an inquest was held at St. Georges losputal on the body of tather Ginags, aped 3n, ons friday last, near the railings at Buckingham Palace, watchagg the arrivals at the Levée The horse of a centleman who was ridiog up the Mall took fright at the music of one made a dash at the railings just where deceased happened to be standing, and crushed her so seriously that she died on the way to the hospital. A verdict o Accudental Death was returned.
ay alimen Hencira. - On Tues Marlborough Street Police Court on eight charge of obtaining money under the fraudulent pretence of helping the complainants to unclaimed dividends and entitled. It was stated that since be had been in custody inquiries had been made by which it was discovered that the number of similar charges which Extensive Robebry of Jewrllery. - A robbe i a most extensive nature was committed on the 2 d inst, at ary of the ralue of 50(H)? having been carried of by the thteres, who effected an entrance to the premises by climbing over the portico, by which means in Liondon and the suburbs. The police have not yet offered for their apprehemsion.
THE MCRDERS AND STTCIDE AT Poplar. - The murdered in High Street, Poplar, and on Bradshaw, their mupposed murderer, were held on Saturday. Mrs,
from Whom she was separilod, and trainst whom
she beld s mazistrate's protection she held s maziatrate'k protection. The evidenco taken bodees ond of Thed chitefly as to the diseovery of the the street on the chaw haring been seen passing along lettere sad to hare heen ad Iresuet to him by a youn married maman, and suppused to have been sent to ber famils by the Brownes, were probured in oourt in the preanion of the roung woman whose name they bove; thes were probably written by 13 ralshaw lomenf thouet were in her handwitumg In the mase of lipadahaw, it aupeared from the evidence of Harrset Fiuberson, who ned with him as a wife under a promise of marriage that after commilting the murder on the Tuesday night he returned to his lodgings at about I o'clock on Wodneeday marming. and went to bed Nothing
transgited from athech thank of the dreadful tragely whath had just been ensected. He was vers reatlesa, and arose two or three times during the night. The pext marning While at breakfast, he complained of illness and lefi the ano aborly afuerwards heard a groas, sud on throat cut the next ronn found bim desd with ai jury as in tho causcof the crme trut it was proved that ceriana locks wheth linadhan lian taken with bim When he left has ledgings on Tuev lay at Blaw wero ander the luoly of Mr . Browne was not, howeler, identufied as lins, in the caso of l3radshave the jury returned a vendict of frio de-se, and in the case of the two women the jury returned a verdmet of Wifful Murder aksusat him.
 borly of Juhn Compre, aped 2f, the murderer of hit wife and her grandfather, which was diseovered flontand down the river on riday a solmeman produned Comper's name mit tho jurs retarned a verhhet of
The Public Mealiti. - The weekly retura of the Rephatmr-General atates that in the weel that ended on Ssturday, March 6, 4830 births and 3323 deaths wero rexistered in London and in 13 other large towns of per 10 pergons living, being 24 per 1000 in I ondon, 30 in Edinhurgh, 25 in Bristol, 18 in 23 in Salford, 31 in Sherllield, $2-10$ in Mradfordinester, Leods, 23 in Hull, 35 in Nowiastlo-upon-Tyne, and 35 in Glasgow. 'lhe rate in Vienna was 38 per Berlin $31 /$ per 10 hat durmy the siven dage anding the the inst, In Iondons the birth* of 1111 boys the week. In the corremponding weeh s of 10 years populat the sveraze during the weok were 1187. It Fis the 9th week of the year, and the svergeg number for that weok,
oorrected for incrense of population, wes 1511 . The prosent return is therefore of below the estimated amount.

## Brobinctal.

ATl,bgford-It was stated a short time since tbat clamant to the Tichborne title and estates Aasd either been massacred by Indians, or gone in quest of a gold
His solicitors have replied to this report by stating that he hat returned to England, and that the result of the commission is satisfactory. It is said that the aotion will be tried on the earliest possible day, and that its
plaintif and his friends are anyious to bring it to an lBarnaley - The Queen in Council has granted a BIRMINGHAM $-\Lambda$ meeting of the Trades Council Was held on the the 12st., in reference to a Johnson th adidrass the working-men of Birmingham relation between them and the working-clanses of his own country, It had been suggested by Mr. Field, Johnson should be invited to address the workmen i the Town Hall, but Mr. M Rac, the secretary of the Trades' Council, remarked that that would involve expense: and another speaker expressed doubts as to American people in this matter. Other speakers disamerican people in tbis mather. ultimately it was resolved that the offer should be declined.
Cambridge.-Mr. Vernon Harcourt, Q.C., M.P. for International Lave in this Tried the irsi established by the late Dr. Whewell, Matere of Trinity. DOBEAM.-The Theatre Royel in this tome was totally destroyed by fire on Thursday moroing. It formerly belonged to the Kemble family, and many LEEDS. - The subseription for the benefit of the muntman to the rork and insty Hunt kenne suntsmants to more than bO0l. The sum raised for the widows and families of the Warmers, father and son who were in charge of the boat at the time of the acc:mist 18 upwards of 260 L
Maidstose.- On Saturdas night the lifeless body of shford F oad, about half a mile from this to the
the park wall of Mr. Whatman, M.P. It was first from Woking, Millbank, and Portland prisons:by and gave an alarm. When they saw the body a bundle was lying olose to it, but on their return with that it was stolen by some other passer-by, who might have taken the deceased or a drunken man. A surgical examination the head. At present the whole affair is wet been discovered. At the inguest on Tueerday the sury returned or persons unknown.
Ordbuby. On Wednesday afternoon a dreadful explosion occurred at some naphtha works at Oldbury, near Birminglan. The extracline prows was going on, when the retort exploded an ser burnt to cinders and four others were so severely injured that two of them have since died. Hopes are entertained that the other two men injured may survive.
robTSMOUTR.- On the Ist inst, the flag of the Com-
mander-in-Chiel was hauled down for cood from the mander-in-Chief was hauled down for Good from the
mana of Lord Nelson's old ship, the Vietory, which
will henceforth bo the will henceforth bo the tender to the dlasship. Un the
same day the fiag of Vice-Admiral Sir James Hope, G.C.B., the new Port Admiral, was hoisted, with the of Wal sate at the fore of the Berew three-decker Duke 49 puns.-The commanding officers of Volunteor corps in Hampshire and the adjoining counties held a meeting at Bishopstoke last week, and resolved that,
in consequence of the Easter Monday Review for this year being fired for Dover, it was advisable, with the sanction of the Lord-Iieutemant, to hold a review al
Portsmouth of the Volunteers of Hampshire and tho southern counties it was stated that the military and naval commanders-in-cluef at this port had promised to render all the asonstance in thicir power.
Raysuate. - lietwoen o and 9 o'rlork on Firday night Nether Court, tho residence Thanet, a county and Cinque Ports magistrate, was the scene of a daring room downstairs, while the bed-room, immediately above, was broken into by thieves and thoroughly Sicklemore, who had acassion to zo to her bed-room and found the door locked against her. The thieves at once made off with the plunder they had collected, including $100 \uparrow$. in cash, and watches joweilery, \&r, to rung and the thieves pursued, but not overtaken, sud thay are afill at large. They obtained sdmission to the house by placlag a ladder against the wall and pressing open the bed-room windorr and shuttera. On the Bame night $\operatorname{I}$ cottage in the neighbourhood was robbed of
come money and clothes. Rocryarre. - Deputationa from Rochester and Rearetary of Skate for War, to represent the neobessity for the remoral of the powder magasines from Upnor Cuatle, on the ground that they constitute a kreat dr., as well as to the nsval and militsry establishments at Chatham, Mr, Cardwell, in reply, said that the bubject was under the consideration of his departmont Which was in communication with tho Admiralty on the sabject. The deputation, therefore, might consider
that mensures would be tafen for the removal of the magainat, but he could not give any promise os to the time.
Shefrikld.- On Saturday morning, about 1 o'olock, an attempt was mede to blow up a non-uvionist saw handle maker, named Martin, by throwing a stone gorret window. The bottle broko the glass, but struck garret window: The bottle broko the glass, but struck ntreet, where it was found by a policeman. Hsd the bottle got into the room, and the contente exploded the man sgainst whom the attempt was made would not have been hurt, as he slept in another room, but the
persons injured would have been an old woman, who persons injured would have been an old woman, who the same name, Martín, has been apprehended on suspicion and remanded.

## Ireland

The Political Prisonere. - At the Queen's Levéo at Buckingham Paleoe, on Friday, addresses and petitions praying for the release of the Irish political prisoners,
 Che Town Commissioners of Skibbereen; by Mr. of Dungarvan and from the the Town Commissionera Tosconmon; by Mr. Blake, M.P., from the Town Commissioners of New Ross, and from the inhabitants of Tramore, Conaty Waterford; by Mr. John Brady, O'Donoghue, M.P., from the Guardians of the Poor of the Listowel Union, in the county of Kerry; by Mr. Charles Moore, M. P. from the Town Commiseioners of a0so inhabitants of Dewsbury, Batley, and Biratal, in the courutitants of York; Bewd by Mry, Batley, and Birstal in
in froms 7768 inhabitante of Leeds.
Costello, one of the Fenian convicts who Augustine E Costelio, one of the fenian convicts who was sentencel from Mountjoy Prison. He was one of those engaged
in the Jelknell in the Jecknell Expedition, and bis youth and earnestnels excitod rympathy for him at his trial. The

Charles J. Kickham, who had been sentenced : 14 years' imprisonment; J. J. O'Connor, John Halligen latead to reven years penal servitude; Terence
Byrne, Dublin, first arrested on the charge of illegal Byre, Dublin, first arrested on the charge of illegal
drilling, and acquitted, but subsequently tried for
having arme and making bullets, and sentenced to having arms and making bullets, and sentenced to penal servitude; John Coghlan, Cork, five yoars' penal servitude; James O'Brien, Cort, tried for high treansan, sortation for life; William O'Sullivan, Kilmallock, sentenced to five years' penal servitude; Patrick Barry,
Cork, sentenced to 10 years penal servitude. A commititee has been formed to welcome the "patriots" back to I reland, and subscription lists and cards have Ireland for st. Patrick's day and the following Sunday, to raise a "national fund " for the released prisoners.
Mas rea. - Mr. Anketell, the unfortunate stationmaster at Mulligar, who was shot at his own door by, it is supposed, a paid assassin employed by the Ribbon
Association, died on Saturday after great suffering. On examinacion, died was faturday after great sutiering. the pound), had penetrated the chest, driving before it the top vest button, and lodged in the lung. Some
slups were found in the kitohen wall. It is believed sups were found in the kitohen wall. It is believed that the assassin ased a blunderboss of large calibre,
which he rested on the garden gate, in order to take stediy aim. The outrage was most deliberately perpe-
trated, trated, straw having been strewn upon the path of the
retreating assassin, so that his footateps might not he rareil. The jury at the inquest returned a verdict o Walful Murder against some persons unknown. The peighbourhood, especially as it has been followed by the intelligence that Mr. Anketell had for some time been "a marked man," and that his dismissing a railway Catholic chapel in such torms as induced two most respectable Roman Catholios to go to him and dissvon ell aympathy with what had been ssid. It appears also that two new porters who had arrived to take deceased, had been warned that they were not wanted there, and that they had better take warning by the fate of the master. The men have since returned to Dublin, being unwilling to remsin in Mullingar at the peril of dered the most daring erime oomamitted in Ireland for many years. Lord Chief Justice Whiteside alluded to it in charging the grand jury at the King's County assizes, and called on the resident proprietary to aid the paid andicials more earnestly in the effort to deteot orime, and render the perpetrators amenable. His lordsiap of murderous outrage against persons of the fress class, who either hold or may intend to toke land, Fhioh "anony mous villains", covet. The criminal, he added, was never more daring in Ireland than now; and a to be made between detected and undeteoted arime, would be an interesting document.
ANOTEPR OUTRAGR IN WBSTMRATH-A correpondent of the Evening Masl siates that a Roman Catholio, who had up to his death refused to remove his children from a Proteatant sohool, was buriel on daynight his coflin was taken out of the greve and eft exposed.
Artempt to Blow up a Housk at Raphor, The Derry papars report an attempt to blow up a house near raphoe. A tenant had been dispossessed, and the new-comer having received warning that he would possession, he obtained the protection of a body of police. A few nights ago they were alarmed by a remendous explosion, and on going out to ascertain placed near the house, and fired by means of a fuse. Fortunately no one was injured.
OUTRAGE TN TTPPERABY.-A daring attaok Was made a few days since at Derravalla, the residence of Mr. Kerras, in the Killenaule and Ballynonty police district. Twenty men, with their faces blackened, attsacked Mr. Kernan's house, and earried off a doubleBefore rowling-piece, a pistol, and 10l. in monay. staying in the house in the face and injured her severely.
Agrarian Ootragb In Limbrict--Mr. Goggin, at a fer days gince whilst driving home with his wife and children in an open carriage. Four shots were disGogrin described the a fence, and all missed. Mrs. running off. Peading ejectrment proceedings are stated as the probable cause.
my Batiycony OUTwatg - The Government have ofrered a reward of 500 l . for such information as fired thad ore the arrest of the person or persons who of 3000 . for such private information as shall lead to the arrest of any of the perpetrators of the outrage.
Browe thende Will Case.-The great cause of Browne on. Esmonde is to be tried again, the will being now impugned by Sir John Esmonde, Bart, M.P., a
Mr. Jamea Esmonde, executors of the late baronet.

## Scotlamo.

Srcresion from the Frris Church. -The Rey. Church, Paisley, has joined the Chyre the Free High Chureh, Paisley, has joined the Church of England.


## 3Rallwayg.

Accidrnt on The lincasires avo Y int

- A serious accident occurred late on
mail train on this line, at Tojmenten were undergoin repair, and the ments gave way as the train pased
carriages were thrown of the line bat several passengers were hut Board of Trade has determined the Pre nat aystem for passenker train signale agreed on as have electric or other figuly in tos the
continuing them.

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ing her from the priso} <br> <br> <br> \section*{<br> <br> \section*{<br> \section*{ <br> <br> <br> \section*{<br> <br> \section*{<br> \section*{ <br> <br> <br> \section*{<br> <br> \section*{<br> \section*{ <br> <br> <br> \section*{<br> <br> \section*{<br> \section*{ <br> <br> <br> <br>  <br> <br> <br> <br>  <br> <br> <br> <br>  <br> <br> <br> <br>  <br> <br> <br> <br>  <br> <br> <br> <br>  <br> <br> <br> <br>  <br> <br> <br> <br>  <br> <br> <br> <br> crowd afterwards coulect} <br> <br> <br> <br> crowd afterwards coulect} <br> <br> <br> <br> crowd afterwards coulect} <br> <br> <br> <br> crowd afterwards coulect}

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## Bbituary.

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 $\therefore$ Sit illin riwhat be full down in a fit, an i fied


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## Hustings Ilarlley, Jo Hi, Maweld Main, Jim, Fiden Main   End Triadon Thurni <br> M MROPOLITAN MEAT MAREET, Marcli 13 <br> Best Fresh Butter $\quad$. .. $\quad . \quad \because \quad . \quad$ 18, per dozen lb  <br> LBADENEALL AYD NEWGATE POULTRY, *C Geaso .. man 

TOPB.-BonO日GE MAEETI, March 18.
forith report no alteration in the finhct during the weele, the deruend bolng steady, and prices firm.

## METROPOLITAN CATTLE MARKET.

We have a shorter supply of Beasts, and consequantly lant
brisk. Therc are of few more sheep, but the increase is in foreign consiginuontr; the demand continues very and and and prices forelgn supply consigts of 1740 Beants, 82708 heep, and 80 Calres : from Scothand thare are 150 Boasts; from Ireland land and Homa Comation.

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## MARK LANE, - Matiay, Marels B .









|  | Wheat. | Barlog. | Gata | Plutur. |
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| EngIth <br> Jrish . <br> Porelgm | $690 \text { qum. }$ | $510 \mathrm{qrs}$ | $\begin{gathered} 10 \mathrm{ytan} \\ 350 \% \end{gathered}$ | - \%kc. |
|  | 19,410 | 7220 | 22,-50. | ¢ 4180 bris. |
|  | 12,040 | \% 160 | 83,114 |  |

Livarpooh Tuemday, Mack 9 , -Thers wan very good attennance at today's market, but wheat mot wius an
 week. Plour dull, znd rather fibeaper nainn inh ${ }^{2}$



|  | Whent. | Surley. | Osts. |  |
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| Jan. 23 .- | 5284 | 495 ${ }^{\text {\% }} \mathrm{d}$ | 864 | $4{ }^{4}$ |
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GEED MAREET.
The ngricultural seed trede oxhiblia incraseed nifoustion, last few days. Yalites of all descrlptiont continue very girm,
Now Figlisis Red to exceedingly searce, and fone inalities command extreme rates, \#tigher groera fir (lover soed are roported from Girmany; as that cuantry is nuw onr onla ohortly oxporicaco a carrusponding buraice lere some heary ondersen talegriphod to thin marret from New lork: the ahfpment to Amaites of some hundreds of than of this


## THE GARDENERS' CHRONICLE AND AGRICULTLRAL G.IZETTF

bought having apparcently attracted the attention of spectMen. the crop france is this seeson onif the third ofmaintatnel Sowing Rape seed 29 very firm We haveA
DUTCH Agrtcultural seed Agonts, \&c.
 of Mr Joseph Harris, 67 , Lower Thames 4troet, L, sulon, EC $C$
Foreman of Jobbers and Outdoor Department.

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 WV ATED, an nt.ingent, inder yed Man, tover.







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 WANTED, a re Nupergery Foremen.
 T1SHER, HOLMES, AND


 WANTEIS, in HEADS SHOPM IN (on ir hrfore May 1).
 W ANTED, as BHOPMAN in the Seed Trade an

 CUOK and HULSEKEFPEEA-A 1 ady and Gentlemmn





WANT PLACES.-Letters to be Poat Paid. H. $\operatorname{and}$ BAILLFED GARDENERS (or as GARDENER


M
 \R. WM. PAL L begs to announce thit he has mad
 $W^{\top}$

## Gardeners and Under Gardeners.

 MR. T. ROWACN-Day Engagemezts.
 He Bomas hit introduced Engasments In moot of the Countien


H XPERIENCED GARDENERS.-Joseph MEREDITH,
 CTADENER (Head) -Ager 29, has obtained a good CARDENER (HFan) - Age 26, married, no ncum$G_{\text {ARDENER }}^{\text {branes, fire years kood clanactor from the placo ho is now }}$

 $G^{A}$ ARDENLIR (HEAD), at Lady Day, where one o



 Nootiligg Hut, Lendon, w
(TARDENER (HPAD)-Age 40, married; has had
 Garderitg, Vines, ze. Excellent character.-A. B. Little Bytham,
$G^{2}$ indeserr (HEAD) - Marrin 1; thoroughly practicat



(ARDENEK (Hfad) - age 33, married, no incum-



(YARUENEEK (HEAD).-A Gertleman giving up his





## 

G branes tha (HEAD)-Age 36, married, no incum-



CARUENER (Head), -Age 30 has served in first-


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 C ARDENER, or to take charge of Sp cimen Plants
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 preserve your Trees from Frost.

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## Mht OUANO, and every other ktod of ARTIFICIAL



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If NTPS in PCRCLASE, the GARDENERS

The Best and Cheapest Agricultural Newspaper is Tif. IIGNET, which has now been established for


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TY AFIS METHOL of GROWING FRUIT, by the



H-VIT MOOK of in the FLOWER-GARDEK
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PLerrwoon \& Sive, Edinburgh end Londo
For the Best Practical Information

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 IWorke on Botany, by Dr. Mndley. D) FSCRIPTIVE BOTANY GM THR ABT (OP
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## Dr. Lindley's Theory of Rorticulture.














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Practical geology - king's collikge,




## 

Thrs Court.-The Queen and Royal fomily contınue st Windsor. Her Majesty has talken her usual walks and drives during the week. On smurday the Prince and Princess de Joinville visited her Majosty and remained to luncheor. On Sunday morning the Queen and Ronsal family attended Divine service in the permate (la Wednesday Farl Iransile, Sir Georgo Cartier, and Mr. Wilhams M'Lougall, C B , arrived at the castle on a visit. On Thuralay the ceremony of dustributing the Muen's Maundar Thursday chanties Was performed by the Bishop of (oxford as hord High Almoner, in the Chapel Roral, Whithall. Princo Christian returned to Frogmore from liprmany.
THE PRINCE ANT PRINCESA II WALEs are exmerted to arrive at Constantinople bu-morrow from Eugnt, the wit to Gromer heme abandondablles to meet them, and has orlered two palarr. one on the Isiatic and one on the Faropeau mite of the Bosphorus, to be prepared for their reception. The Imperial state barge has also been made ready for their use. The Sultan has also signified his intention to be present at a grand ball wir of the Prince and Princess, British Cabinet.-A Cabinet Council was held on Saturday in Downine Strect.
Saturday in Downink Sirect.
PABEIAMENTIRY MOVRMRETS. - The Farl of March, eldest son of the Duke of Richmond, will be the Conservative cundidete for West Sussex. Master Edrard Kenworthy Horaby, aud Mens are the ConFelden, ,ons of atos for Blackburn, and are opposed by servative candidates
Mr. J. G. Potter sad Mr. John Morley in the Liberal interest. The Hon. Major Ansod, the Liberal candiancer Bewder at the lato eleotion, has resolved on daiming the seat on a soratiny of votes.
Trials of Blection Pestitions. - After a arruting which extended over five days, the trial of the (llliam cases was terminated on Tuevdry in the mithdrawal of the Liberal sitting members, Jesirs Hibbert and Platt, to be duly elected, and reserved the question of

THF G.ARDENERS' CHRONTCLE AND AGRICTITTURAT. GIZETTF..
oosts, but it is supposed that no order will be made, leaving each side to payite own expenses. The trial of the Dover case petition was also torminated on Tuesday by fore dectared that Major Dickson had heen duly electod, and that the corts would folls whe resurt. Applicatoms Were made to Mr. Jutice Willey on Monday for orders Fowler, the sitting memlers for Camberdge, the petition akainst sir W. Gallwey at Thursk, and the order of withdrawal in each osse. On Thursday Mr. Justice Willes made orders for "particulars" in the Sta ford, Horsham, and Boston petitions.
The Perrage.-Sir Joha Lawrence is to be raised to the Peerage by the title of Lord Lawrence of the James Wilde Judge of the Court of Probate and Jimmes Wide, Judge of the courb of
KNIGETHOOD.-The Queen has Prderectletterspatent to be issued confirming the dignity of knighthod of the Manritius.

The alabama Clatms.-It is said that since the socession of the new President to power the negosiafions pending between the Cabinets of Wasmington and London with respeot to the Alsomm
THe Ambeican Mail Contracta.-The Cunard and Inman contracts are virtually ratified, Mr. John Burns having deolined to modify the terms which he had arrangerl with the late Goverument.
THE NEW Shertres.-The following is a list of the sheriffs appointed for the year ensuing,--ENiLAND:
Bedfordshire-H, $\mathbf{F}$, C. Cust of Cockayne Hatley, Bedfordshire-H, F. C. Cust, of Cockayne Hatley,
Esq. Berkshirs-
. Tu Shrivenham. Bucks-A. J. Robarte, of Lillingston Dayrell, Esq. Cambridgeshire and Hwntingdonshire Woodhouse, of Xopley Hall, Frodsbam, Esq. wall - J. Whitehead l'eard, of Trenython, Esa Ownbarlasd-J. Ewart, of Kinklield House Ent. Derbyshire-G. H. Strutt, of Bridge Hill, Belper, Dorsm/shirs-Sir R. G. Glyn, of Gauntz Houte. Rart. Nssex-J. Wright, of Hatfield Priory, Peverel, Esq. Oloncesterskire-J.Fenton, of Norton Hall, Mickleton, Esq. Herefordshire-J. Morley of Morton Jeffries,BromYard, Esq. Aertfordshire-R. Smith, of Goldings, HertEsq. Lancashire-Beniamin Heywood Jones, Eisq., of Lark Hill. Leiceatershire-T. T. Paget, of Humberstone, Hiil, Bourne, Esq. Monmouthshire-J. Lawrence, of P. Beauchamp, of Langley Park, Bart. NorthamptonSolby Hall Salby Hatl. Northumberland-M. T. Oullev, of Coup-
land Castle, Esq. Notinghambire-J. Handley, oo Evark-on-Trent, Esq. Oafordshire-J. Mason, Eynsham Hall, Esq. Rutland-R. S. Wilkinson, of Esf Somerst lahire- $W_{\text {. Bre }}$. Blake, of Bridge House, Esq. County of Southampton-J. Morant, of J3rockenhurst Park, Lymington, Fsg. Staffordshire-C. M. CampBrooke, of Ufford Place, Esq. Surrey-R. H. Murray, of West End Lodge, By Hleet, Esq. Sussex-Colonel G. K. Oar Liloyd, of Lancing. Warwickshire-EA. Wood,
 shere-J V Ilornyold, of Blackmore l'ark, Inton-onBart. It ALES (North and South): Anglesey-T. L. Hampton, of Henlysi, Esq. Brecunshure-W. Powell, C. T. Willians. of Gwernant Park, Ein. Car-
marthenshire-H. J. Bath. of Altyferin. Fisq. Carsarronshire - R. W. Thomas, of Coed Helen,
Esq. Denbighshire - C Winne-Finch, of Voelas,
Esq. Flintshire-J. Glamorganshore- E Romkes, of Soughton Hall, Eqq. Merionethshire- H Robertson, of Cropen, Esq. Mont gomerydhire-J. P. Davies, of Fronfelen, Esq. Pem-brokeshire-R. P Davies, of Ridgway, Esq. Radnor-
shire-J. Beavan, of Presteign, Esq.

## foretgn

Sturday by a report that the Emperor was in Pant on Suburday by a report that the Emperor was ill, and that the atternoon had been postponed in consoquence of mis inability to attond it. It appears that his Msjesty experiments in gas lighting in the cuurtyard of the
Tuileries, which brought on san attack of inflneazh, a complaint very prevalent at prevent in Part- The Emperor bad so far recorered on Monday that he sas able to preside at a Council of Ministers. On Tuevday the Emperor presided at the Council of State, ost deaire fur impriverncat, and firmaly to tepress all subVersive theurn
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In the sitting of the Legislative Body on Saturdsy the $13 i l l$ relative to the army contingent came on for discussion. M. Ernest Picard delvered a speech im wents of France. M. Haentiens said that the responsibility for the present state of things belonged to Prussis, and not to France. In reply, Marshal Niel, Minister of War, expressed his surprise at the attacks which were sery to the security of the country. He added :-

## at The reorganisation of the army is nearly complete. any pressing danger were to arise, we Ahould spedily be



This speech was greatly cheered, and wrs followed by an immediate division, when the amendment of the Left, demanding that the contingent should be reduced to 80,000 men, was rejected by a majority of 195 to 23. The two first clauses of the Bill under disoussion were then adopted. In the aitting of Monday the interpellation of M. Picard, asking for the more stringen application of the laws against bribery, intimidation, and fraudulent practioes at eleotions, wis authorised by the bureaux. The whole Bill fizing this year's army
contingent at 100,000 men was adopted by a majority of 188 to 18. The Chamber then adjourned to the 81 st inst. The report of the committee on the budget wa distributed on Saturday. It contains the following statement:-
The Government desires peace, and the comarittee has Emperor, to the effect that there are no circumatances what ever calculated to awaken any apprebensions. Peacelul views

The Jourral Official of Tuesday publishes the declaration on the Belgian controversy, which has been dra,wn up and agreed to by the two Governments, and which mnnounces the immediate nomination of a mixed Commission to investigate the question. Traree persons, of whom M. Budaille is one, were srrested on Wednesday for having delivered seditious speeches at publio meetings in conneotion with a conspiracy against the safety of the State. Madame de Lavalette, wife of the Minister for Foreiga Affairs, died a fow days since attack of atinthek 0
atuck of diptheris
ras buried on Friday of the iato Don Celestino Olozag assombled fier the fineral great ceremony. The Corte ofew words in eulogy of the decessed. In the sitting of Saturday the Cortes took into consideration, by a declaring State functionaries to be disqualifed frense itting as ate flebloasries to be disqualifed from Gorilla brought forward a sifting of Monday Seaor Zorila brought forward a Bill to remove all restrictions upon Socielies of Oredit Banks and Mining
Companius. The Cortes then commenced the discusion on the Bill fixing the militia oontingent at $2,(100$ men. In the course of the day a demomstration nas made by about, 200 women, ss a protest against the incribed with the words, "procession with hanners
Republic !" and proceeded to the l'alace of the Cortes demonstration was maniesting their Fishes. The evening, and after several attempts had been Republican dennty to s close. Nenor Joriatas, \& character, which was, however, disavowed by his Palace of the Cortes as a measure stationed near the the sitting of Tuesday Senor Jore of precaution. In explain sway the revalutionary speech endeavoured to expiain away the revolutionary speech mado by him His er previous day factory but hons wore not, however, considered satis of smportance. The Chamber then discussed a Bill relative $\mathrm{l}^{2}$ substitutes in the army. Several amond ments wero proposed, but rejectea. On Weduesday ovenin ine drart of the new Spaoish Constitution was poned in oonsequence of a prant of unanimity in the committer on the of a prant of unanimity in the Dorfes have adjourned fill Monday next. The Monarchic proposed draft of the constitution sre s nomarial Gorernment, two Crambors Senato propingagress. The senators are to be elected by the of 13 years. The dour from each province, for a term ears by universal sulfrape. The King ine for hare 18 years. A majority of the Committee are favourable to the separation of Church and State. The minority propose that the Roman Catholic religion shall fessions. Liberty of the Press and the right of public meeting are to be guaranteed.
Belaiuy.-An official deolaration of the views adopted by the Governments of France and Belyium settled on Sunduy between drawn up and definitively M. de Taquerroniere, and was publinhed on Tuesday lays stresson the fact that Belgium The deciaration loyal and friendly intentions toward France, and fates that a maxed Commission will be instituted to
relations affecting theintar Commission will consist, not of diplomatists, and M. Rouliof por will tske part in the delibentipy
THE REINE.-A rather tom
pras felt at Boan on Wednead
half-past 9 A. M. . but no damaze
PRUssiA. $\rightarrow$ In the siting was:
Parliamert on the Parliment on the 16 th inst a
approving freedom
to 51 , in spite of the oppopitine
who resisted the motion as inom of
AUSTBTA.-The official Gapethe al
an imperial decree, sanctioming the sitting of Saturday the Lorem Reichsrath resolved to pass to the
Minister Giskra had recommended
the Bill back to the committee. Bnhemia was of the fro
Hr'NGARY.-The electio
Deak and a Mebrew has result
members of the Opposition
the Minister of Public Worsk
the burgomaster, both partizans of
time is in favour of the
decree has been published
18t of August next tho
Hungary is to be adopted
Walir.-The Chamber
concuder the discussion
mittee, and thereby bruanid

## Ministry. The Chamber

April 12. Tha King recersed
deputation, who presented
of all classes of the citr
maniversary of his Majesty's surcesion weather in japles has bepu erce

## Parma, has srrived at Rom

Princess Maris-Pia, sistor of the ex-h. Vladimir Alezandrowtoh of Pussia is ${ }^{1 /}$ to visit Florence and Rome great fall of hail at Rome on the large as sixpences lying an inch the
So severe a winter has mot been knom torn
THE PRINCIPALITIES
Roumania the right of coining her on relations
amicable
TURERY.-The newly appointed \&op Hobart Pacha, arrived on sabariay it which the Grand Vizier was preest was received by his Majosity with gri The investigation into OReily plices have been sentenced to Great preparations have been ma the Prince and Primcessorus, hare their use.


INDIA-A telegram from bays that the Income-tar suad our

## been passed by the Nupreme

the Duke of Edinhur
2d ult His Royal Huglaest stherm?
to Adelaide, where nu
Sydney on the 8th
mont was
represented in
liament is proposed.
that the Ith Regime
Himalaya. 'Jhe 3 eu pa
Assombly bad adopted a reso
dence existed of there bist
spirary in the colong at the
Australia the colonisto exp
tion at the ay
New Zealand.-By the New
arrived on Mondsy,
tho most important
and capture of the
and the friepdty
yrime the mont
The Hanthant alt the
he Hen-haus,
n
Bo Hau-ban were drivic mequancyels


wo Englishmen, Mr. Stark, is li: Mank them wety


 Inhauma, the asval oommander-utivetuief, have roturned to Rio from the war. The Maryuas de Caries, having
 Emperor and the people. It is atsted that the Conte
d' Fis will bo the new generalimimo of the Brasilian forres.
CrBL. - The lyendeet bettle of the whe han been fourcht 4000 etrong, were entrenched, and angents hader leecra, Was opened upon thom, under oover of which the
 7000 available troope.
Harki.-Anaroly atill reige in Hayt. On the morning of the soth ult, 850 residento wore shippod to weilthy merrisatis were to be whypel to tha same
 "ithout success A fier bombardug the culy for
 assululted the fown, but were rapulaed.

## 3arlament.

In the Hoome of Londs on Priday the Duke of Ascril mored the eoond reading of the Paroohial Schools (Sootland) Bill. Loord Abiverte objootad to the lerre powera which the Bill placed in the hando of an irresponsible Boand, to the olsuse suthoricing the propusen 1 repressentation on the schoopls braid of the resemblance to e trades' union. The Eerl of Aiplis aloo concidered that the mohinery of the Biil was defoctiva, and reguired to be romodellod. The Earl of Dembich complained the the Bill negleoted the isterestm of the Roman Catholics, The Dlake of peneral board, which would result in a conflict of
for religious thaching The Duke of Aboyzidefonded the Bill , but intimsted his readinem to aseent to proponal for striking out the reprecentatives of silher the schonimasterf or the umvernitics. After eome was read a semon 1 timbe tha House then adjouraed for the Easter recem, to Mumiby, A; rits.
In the Commons on Friday ter a iffurned letate nn the Irish Church Bill was resuisk by Dr liwh., Int Attorvey. General for Irelamd, Wha oplr seet the Ish, on the kromd that is prin. pht wav the deatrumtion on voluntary principle, which had heon adopted by bl Ireland. Ile nal ; that the tuties of the nemmbents of
 as the fee stantin of any himled pirapmatar in 1la

 lanty becalise new hiscal burdens would be impoeed upon them. The reath would be, that a great ehock would be given to the inviolability of the righte of pronarty, and a precedent would be rot for further orgah chanue Mr ArLLIVAN, the Alornes - franeral for
Ireland, contended that diseetal, lishment was au act of justice, and that the sucoem of the voluatary principi in the Cetholic Church wem sufficient to show wha might be effected under that principle. Sir $F$ Heyeary, Viscount Ceideron, and Sir 8. Nobthcotr oppood the Bil, Sir J. Gray and Bar. Mull isple wis whither the Fistablithed Churen Fas to oxist is a State institution. The country had pro nonnced emphatically that to maintain that Churc any longer was wholly out of the question. It wha woald add that it presented the most flayrant violation of the principles of the Reformation that could be imsgined. The only pretence for its existence was that it was to convert the Roman Catholies to Protestantiam, and bring sbout a friendly and permanent union between the two countries. But it had faileal to a"complish either of those objects. History in all its gaddest pages had not a case of more complete fallare, for ireland was more Catholic now than she had ever been before, and she wan more Roman than any other Catholio country of Europe. Ho believed that the Bill would lead to a more oolid union between the two countmes-that it would restore tranquility to the pemple- 1 mpint sreator strenath to the realm, add new luatre and dignity to the (rown, and have the blessing of the Supremic, herause it 7 T4 found priomples of jutice and maroy. was regnued by Nir Rocsoell, phanen, wad compelled him to separate himself from his party on thus question, hut he could not shut hie ejes to the fart that the pripoiple of the Bill wat not mere dise
 eplurated from the Shate by the aboution of the wo roperty of the Cburch was national property, of whinch and and cupitular revenues must wo with the eptablishment, but if they were supproced. i. in en. i. in endowmeats of ell parishes of lew theer 800 I'rotestatite thene would stifl remsin to the lrinh Church 8w,000 a year of perochas endow menta Hoshowed that there were numerous parishes in Ireland whene the 1 Proareat population wu kumicicatly lango to justify ments w thome thert having done amfthine them. If the Hous anotioned the principle that the state mithit divert the fuads of leenal ownumitien
 N. . oir J. D. Colekileer, lise wolliorperty bianues it wa Eatabished, and for no olise
 Poroo, without which is would fill of 1 noulf. Mr Mr. h.inoe, Mr. H. Ricuict was apport by Mr. manstined that it wat 200 lato to objoct to the introduotion of volunharjism into 1 rebead, beosuma in prectioe Ireland had been louk ago driven
 The Irith Church had naglectod avery chance of moons oiling itholf with the I risth people, sad the effrool of the ronnoction witl, the Slate lint hems for mil thrse fuelf-condemuch, und its fall was nuts unalepaye. Mr. Grezer oppood the Bill, whioh he charmolerived ar an monstroun scheme of robbery and oonfination. On Iueeday the debate wa renumed by Mr. Wazporat, Tho condomned the Bill at violatiag fundamental law Ropal nupremay from the chur $b$ of tho country the freedom of the Churoh. Sir M. Butwen, Mr Agar Rllis, Mr. Millm, The O'Done toe, and

Mambrar. Mr. Dalkymple, and land ghusur
that the Churoh was a badge of ounguost; ho louked at it resther in an imparial light-s token of the Pro tion by the nation of the supheriston and sumerintandence of the Almighty. The Stated is met endow the Church of I reland, but was respotavibie tur tile protn t.om of she profinip. To tart its phescessione
 oorl lat reland. Tto samer in trat rempeat was lope. shatowed by the resent Forman rew ptatis. Mareover. finat, and the langusace used by Mr Ifs sitt an \} c.thers as tis thase hiterior minsurem mutal raive hophts in iraland wheh mever somit he eltacel Ho twhevel that the Bala would atriki a tatal then si the rame a
 intarestix of the "lupare dir lifiterixs, in reyls onid that Mr Mardy's sperest wo ats imbluturent


 and hind oitherno plan at all. or 1 th we the old pian of leveling up. Tho Roya tuprcmacy wan Deither denied Iriah Church تrere given in trust for the benefit of the anation, but when it mischierous or were usurped by a mere handial of the interfere. The charget
 had oarried out their pledges completer, bat whthu
 antioipation that the getslement of this controvery was
close at hand. At 20 minutes pant 8 the House close et hand, At 20 minutes path 8 the Hous
 reading, 3 ais: against $1 t$, , 250 : majorty,
result was hailed with loud and repeated obers from the Minsterisa henches. The Bill was then read second time, and Mr. Gladstonf amnunced the Committee for Thursday, the 15th Apri. The Marine Mutiny Bin, the Braz, isn siave or Amendment Bill Lands Claures Conmoldation Act Amendmens ber were read a thind thme and passed. The douse then
adjourned for the Easter holdans to Thursiay, April

## arty nteltigence.

Mongr Mariet.-Yenterday, beng frood Fiday,
 Money, sad 931 for Aconumt, tew and liadured Thre per chenuer Bills, per to ber om. inh I I'fe per Cents. 119 to 112 , Fongon: Chilian liour and a Half po


THE GARDENERS' CHRONICLE AND AGRICULTURAL GAZETTE




## fitcropolis aud its Vicinity.

## the large number of visitors who aval.ed themselves

 the opportunity l Let Eater of Fiening the Iowtes of they shall be open the ruble on Eater Monday an 1 are to take part in the leviers at Dover, on Monday next, thus divides he conveyance - South- Eastern Carne Crows Station, enif men. London, Chatham, and lonser-from We'torla Station, arsis: and from
 travel by the sumth-Fatern, rate 4,5 men by the London, Chatham, and Dover, to be taken up at the to take part in the review is to be under the command of Capt. Arthur Hood, of the Excellent, gunnery ship, at Portaruouth. The turret-ship, carrying the flag of Capt. Hon : Scorpion, the Stumnels and Stork, gunboats, and the Ferret, 8 and Martin, 12 , whup bruise, waled from Spithead for
Dover on Thurs lay morning

 from Deptford Dockyard The Princess Louisa, who
was accompanied by Prince Arthur, performed tho Was accompanied by Prince 1 thur, performed tho last of a long list of ships added to the English navy from this yard. It was at Depend that the
Pelican, the first ship that sated round the world, wan constructed, and sh here, ron her return, Admiral I) rake
 Was anchored ophonte the sips from which it had been Were subsequently built at Deptford, and Peter tho Great there learnt the art of shipbuilding. The launch of the Active airs took place on the same afternoon,
from the Thames ironworks, at Black wall. This vessel was deripsed by Mr. lied as the "sister" to the Volage which was launched it few weeks previously from the same works. These two vessels are the first of a new class of uron-plated corvettes of the Alabama type, four powerful guns Their burthen is 2320 tons, and they wi il be propelled by engines of reno-horse power
upper duchy and at dif-potuder on them poop and navy, was recently launched from the yard of Messes Napier, of Gowan, near Glasgow. This vessel is a twin screw, and is the fifth of the class afloat.

Ernest Jones Demonstration-A demonsiraplace the memory of the late Mr. Ernest Jones took men of Hackney, Bethnal Green, Shoreditch, SpitalGreen at 2 oclock, from whence they marched to bury Square, whore they were joined by the Islington and Hoxton contingents, and then proceeded to join tho main body at Clerkenwell Green, from whence the procession, accompanied by several bands and banners, End procession, which embraced the German, French, End procession, which embraced the German, French, Italian, and Polish members connected with the Inter-
national Working Men's Association, assembled in national Working MIen's Association, assembled in procession assembled at the Obelisk, Black friars Road, at the same hour. The proceedings in Trafalgar Square commenced at io clock, and the speakers were
Mr. G. J. Holyoake, lev. Mr. Applebee, JIessrs. L. Bradlaugh, G. Odgers, and L. Wade, Mr. Tincroft anting as chairman. The various societies of Irishmen in the metropolis took part in the demonstration, out chester Fenian in
THE OPENING
-A very large deputation from the Society for dip mating the Due Observance of the Lord's Day waited on
the Premier at his official residence in Downing Street, a. few days ago, and presented a memorial praying him to discourage the effort now making to open the morning ervief, and to cry out the recomatueniation of the Select Commuter by opening the British
Mu ven, the National Gallery, sud other similar Institutions on two or three evenings of the week
between the hours of seven and ten comprised - The Bishop of London, the Ear Shaftesbury, Lord Fitzmalter, Mr. T. Chambers, M.P., Mr Kinnard, M. Mr. Macfie, M.P, Mr. Flower, H. Mills, M.P, Mr. MLaren M. M. Mr. Stevenson, R. Palmer, M.P. Mr., Cowley, M.P., Alderman Luik the deputation that the subject was one which the recognised its importance, and promised to gape his attention to the representations made to him. It was have to be guided by public opinion the nt would rather or sympathy of their own. In a religious view of the question, he believed the observance of the Sabbath was
conducive to the interests of religion, and in a moral and physical sense no doubt it would have to be very mediately denisidered before legislating upon io-1mard of 100 persons representing the middle and industrial of 100 persons representing the mad de and industrial purpose of presenting a memorial in support of Mr, Hour of Commons for opening public museums,
galleries, and libraries on Sunday afternoons. The dopagalleries, and libraries on Sunday afternoons. The dept-
nation, which was under the auspices of the National Sunday Lease, was introduced by Mr. Gregory, M.P. who briefly explained that their object was to maples
the Government with the idea that this movement m a a really popular one, and that tho alternative of openy their Sorrel, the hon. secretary of the Sunday League having rad the memorial, Mr. Gladstone, in reply by the views and fleas of the (Government as by th current of public opinion. Ire had just received a
classes were, generally speaking, adverse to the view advocated by the League. Mr. T. Chambers, M.P., hal stated that his election for Marylebone had main been secured hoy his opposition to such meas ur and ane at the South London Industrial Exhibition in support of opening the museums in the evenings There could be no doubt that the religious observance of the Sabbath was the great and principal stay of religion int this country, and that the social and physical necessities of dat people retivernment, as such ad not yet entered union a consideration of the thestions were prepared, so far ns it depended upon them, hey were prepared, so parities on weal-day evening or the opening of national institutions to which the working classes and the general population might resort The Leaders of The Reform League. It is stated that Mr. Beadles, late president of the Reform League, will shortly receive a county court judgeship. body, has been appointed private secretary to a member of Parliament.
college has service College. -The project of this colonies been well received both in India and the monies as likely to supply a rant generally fe l understood that a large sum will shortly be remitted to England with a view to the immediate establishment of the College
A Penny Post to Amertca-The National Steamship Company have offered to the Postmaster-General run large steamers with regularity once a week once for all letters, tn order that the Pout Office might be able to reduce the char ne to the public to one penny per lialformene.

- Mother orthotic Telegraph, A new Atlantic Treezraph Company has been formed in New York, with the object of laying a telegraph cable from the Western Islands, a distance of 1500 miles, and thence, ya second section of cables, of 500 miles long, to th reach coast, Each cable will be 2000 miles long, and Company intend using a cables now working. The called the "Double 'transmitter" by wean is aston aneled the Double Transmitter, by which, is is said, cable at the came time and travel io opposite occupy the Theodore's Crown. -The crown of King Theodore of Abyssinia was bought at the capture of Magdala from a common soldier by Herr Yon Roofs, a Prussian officer attached to the expedition, and was by him presented to king william. His Majesty having had his attention drawn to Lord Napier's order forbidding the sale of articles taken by the army, has now sent the trophy to this country.
CobDen Clect-The annual gold medal for 1869 question with which Mr Cobden's identified, has been adjudged to the Rev. Dr. Joshua Leavitt, D.D., of 3. Park Flare, New York. The loping for competition was- The best way of deve between Great Britain and the United States of North America." The following subject has been chen or the essay for the gold medal for 1869:-Free Trade in Great relation to the colonies and dependencies of Mr. T. B. Potter, M.P., Honorary Secretary, Reform Club, before the list January, $18 \%$. No essay is to Need in tensth on pages of the "Quarterly" or the right of publutibin the successful essay.
Trinity House--At a special court held on Tuesday, at the Trinity House, the Prince of Wales Was unanizaposlv
There Licensing System .-A deputation from Lan. cashire, Cheshire, Northumberland, Cumberland Derbyshire. Durham, Essex, Herefordshire, Kent, Linwickshire, And desex, Shropshire, Staffordshire, WarHome , and yorkshire, had an interview with the meme
memorial relating to the present system of licensing public-houses and beer-houses. The deputation was peaked by Colorice wilson-Pattea, an among the speakers were Mr. Inworth, of Salford, Lord Reignmouth, and Mr. R
licensing system is fraught, with injurious results to the working classes, as leading to the increase increase of crime and taxation Mr, and to
of crime and taxation. Mr. Bruce said
nosed the importance of the deposal. Mr. meats which had been used by thar I Pate
He admitted that the evil mmpla, ped magnitude and u
attention of the lonslature, and bended station that the present forewomen
subject under their most careful

had occupied the attention
mints, The evil was admitted on s
gentlemen who were most deasirnt:
amongst themselves as to the mad
being of opinion that the heren-ng
the hands of magistrates, whit h on
opinions. The subject was sure then
culties, considering the interests to be
be taken into account by larinmeas
with so important a subject. He haj
the subject if they could imnedlat
of him forth any
The Holborn Fiapect
viaduct over the Holborn Vales
TITE Tower Scam
Subway Company have completed to
and required in Middleses
right of passing under one-lal
and the freehold of a house, wite
been purchased of passing under the of
or the sum b of lithol, a
whereby a saving of about
be effected. The directors belie y
the work
$16,0001$.
Post-Office Notice - The Portmenter
has issued a notice stating that
pillar letter-boxes in London
don, and in the first morning dealer
letters posted at receiving of l
because no early morning
elections can be made from sued
posted at receiving offices
etter-boxes at such offices shall


## night, ir

THE NBW Colters of JT's
Exchequer to state his views
matter In courts, has mate a short matter. In regard to architectural efieriw unequalled in London for a great ustiona but he attaches importance to facility of main floor of the building, and while the the Thames Embankment is 30 lect showing a considerable
for him that the abandonment
tution of the Embankment ste mel
and cleared $7 \frac{1}{2}$ acres for $\left.3 \omega, 143\right) 2$, or
one-half of which amount
the cost of $7 \frac{1}{2}$ acres on the

## 400 , full, realised by the ab

$725,000 t$.
and
the I Cow Courts and that upon the
Street site, though inferior
Would be the mont ialrafe on its Ul side. He proposes, therefor street in continuation viaduct, to the beginning
cation from Ifolborn
post of such a street should be shared portions between the Government and acknowledged want the
by its Courts the leading thoron Mr. Shields proposes further be allowed to construct i molina un Mansion Housa-and that the
required to widen Coventry Street
Poultry, the space so ambled bern
tho construction of the line and
case the bottom of the
tunnel. Mr. IRyde has entire
(nearly four miles) and widening or $124,8 \mathrm{~m} 0$ \% per aurum
capital of $2,1180,0001$.,
be paid by the railway
The cost of the narchave
he new streets, with all
at $1,6100,0100 l$.
Government and the metropolis.

$\square$
$\square$
$\square$
$=$

I wi, illarrumby Amung thme pres.

 a ate If ( - al that hy taking a mpuare
 an ither ran pa part of the nowulation woul at ilejran ipa part of the population woul * =-mifrer with the lan, and he sakel the
 ... M Fin all nur law rourts, as they 1.... Fombinhment site were adopied str an flioned, and expresed the ripmam as the nu rth side to be cons, ferted, hat
of the Thanes. for the sonthern sale suhwrban res.dences of a very large having connertion with the Iaw. Inn, ledford liow, Iatton or piaces on the IIolborn sito were ta shonall be g nelmer of the Rosal Commona Comason fornfuewen, sain that had the Tlames sheme beets brounlit before the Com - uld still have thrown in his voice for the ravate if the griestion were arain conorrect stated that some of the nilleged of the Carey Street site, as stated by Sir
lyan, dul nut exist, and the allexed tian, dill nut eubankment and the allexed I be found to be overstated. Eventually
was ajourned. Meanshile the Metro Wha ajourned. Meannhile the MetroProvioctal law Association is makiug Inta 0 defeat tho scheme of elanging
Embanknent, and has lsoued a subyect.
Byr Cispaxy - A mecting of tho
in thin Company was held on Wednesrs in thin Company was held on Wednesticir torritory to the Goserament on the ann mal, down, the Company to retain all and tations, wath a saluable arreage of ch, and also to preserve their far torthote the Governor, advised the a ept the offer, and said that if it were ing's charter, which was granted by tin the Judarial Committee. Ifter conme H. . meet $n=\mathrm{z}$ as adjourned for a fortumht. bishonent of middievelass soben is on irmujles, to counteract the High Church hase proved so suecessful in many parte Wher the subscriptions announced are Bevan, Iminl. : Mr. Reonge Moore, John Martum, Iofol, Mr . Joneph Moare Hany ntaers of like amolnt. Ifr John rnaman of the committee, and the Rev antrery, vicar of St. Mary's, Hornsey Rise, siry secretary
, - fon the Indistrial Clasege, - A rot classes of artisans, merchants' 1 bankers' clerks, \&n was held fem days Pain Tealence of the llon. Arthur Kinnaird, Yall Mall East. The Earl of Shaftesbury pre f the Suburban Fin, the chairman of the plans, the chief chary, laid before that the company proposes to build houses, i.: , to workiny proposes to bund houses, and whose rents, in a given number of gears, are the rimellings, which then become The rents thus imposed do paid for houses of a like size company, haviog obtained a large
tie Emelesiastical Commissioners at frin extremity of Loughborongh Park, Wers, and to secure a fsir on sound comhout the to secure a fisir percentare on n whin Mossibility of loss, After a long r. Hotion was carried and other gentlemen a riotion was carried, cormmending the - fer thoue who ing men, and as founded the meeting Lo invest their money. In mhantran-stone of the first block consented tor Tueday
7.nts have fí for the London Poor.
on in a fer ween made by which the public
smmes mutton and beef at $\bar{j} d$ and $6 d$. per lb.
thany, whe at and odd shops of the derated
fay, who will sell it on commission under
uhe. The success which has attended the in experimental estrablisiment in that exterded the most sanguine expectations

Tismenclatyre of Drupicha, -The r entitled " hare directed that 20,100 copies medical gratultous distribution amone the his new nomentioners of the Lited King antione labour of the College of Physicisas, sy
cotifinates empuired br fan publio purpoees of deatli-

 as juasoble the burilens on the ratemyern, and to romm te every entunomy
he evelustan that theac onter in pour. have arrived at hy the rombination of the if ilbon fin in and the arshes of Sit Luhe, M:li,eocx, atnd St James, workhouse of $S$ : Juke to be comverim jnin an nifmars for the sick of ther citite distriet, and the the remmanag alames of immutes The Poor-law Board slate that thes miment io 7 tept ? sumplar polies With resper to other parthes thed unims where the and caternesofarea, contiguty, popmiation, pauperisu, and rateable ralue are in the main smoliar.
ay a deputation of upward of un an vestries of the metropolitan parishos hed an interviov If th Ir fricehen, President of the Poor-lav Board, in

 more than 3ot of the les ling parmben an the muteropolis
 number of andependent boards the means of drasana on a common purce while securang them akaumat lorm
 devised; but as he had been but two ne laree monetas in nevee, he rould not expert to be ahlo at present to perthe question the question. He hoped to be able to take s step in the dobetion of the equalisation of poor rates hefure
 THE P'BLIC HFatotia, - Ine weekly retarn of th Registrar-(ieneral states that in the whok that ender on Saturday, Marcli 2t, wis barthsand Brow leathe wer registrecd in Ifondon and in 13 other large towns of tho ITrited Kirgodom. The annual rate of mortality in fond per lown paranna liwng, heale of per lom
 Birmingham, 32 in Japerpool, it in Mancrlamene I, eeds, 2 is in Ifuil, i2 in Neweastlotipion- Ty ne, and lomo during the wesk ending the 1 ithe inst, ath $\}$

 the weck In the eorresponding week of 111 zear
 population, was 2934. The deaths rexistered in London during the week were 1519. It was the 11 th week of the yoar and the average aumber for that week, oorreoted return is therefore $\% 8$ below the estimated amount.

## Zrobincial.

Bolton,-Sarah Crawford, who was found gaity at infant child at Bolton, and sentenced to death, has been respited during her Majesty's pleasure. 13 righton is under the serions ronsideration of the 'lowa Counchl. The state of the storm nutfall has been so much wore in ermserquence of tha late wolent struct it on a better plan. It is now proposed to con struct a nets rrosne and outlet at post of combl which will be useful and necessary as a storm outfall, even if an intercepting system of sewers should bo adopted, as will most likely be the case ans long. On voted in fayour of the arheme prounse 1 , an l expressed voted in fayour of the anheme probuse 1 , and expressed the oplanond wat the prement ayte
Durrias - -The two men. Jolas
Dhan -. Me wo men, Jolle, lend and Darlingned murder werearecuted on Mondey within the wore committed under the influence of drink, and Fert instikated by fectings of jealousy The culprits con fessed their gult, and met thens fate wath resignstion.
Heston,- ()ne of the most interesting natura curtosities in Cornwall, "The Tolmen" or as it is sometimes called, "The Main Rock," has just been destroyed. It was sstuate abont midway between this town and Pearyn, to the south of the high road and weighed about 800 tons. It was 33 feet long, 1 feet high. and 19 feet in breadth, and was of an ova!
shape. It was placed in a most extraorduary position, and from this fact as well as its immense size, was an object of much interest to tourjsts as well as th geologists. it rested on the point of two detached rocks, and undernenth it was a free passage. Iminedately beneath the olmen was a grante quarry which has been worked io the depth of 40 reef., close $a_{3}$ to the bed mhere the Jam lwork rested. This has priotor, Mr. Hoskm, bad a hoie bored underneath the rot $k$ and charged, and this, when fired, threw the Tolmen off ats hed, and caused it to roll into the quarry, fo fent below
I, EPDS - It is proposed to bold a county meeting probably at lork, to derise mensures for the erection Was the last of his race, and which will also mark the srete of the late calamity on the (re, dear Newby Ferry. A pyramid on Scotton Bank is surgested.

 lamh kin years ago Ionclatad, limhop of latheoln, made amblat af peal on acooumb of the kreal extent of has




1.EWFs - Land Phief Justise Cohblurn was jrebis bown on the lfith inst. His forislum wes a Layward's Lleath slation on the provous afternoon, whers horses were in Hationg for himself and servant. Ile procneded to ride towards thes town when, on crossing lewes race-course, his horse tnmbled at a ehann put up bly the manazere to kerp ofl trespaseers, and came down, fiving the Chief Just.ee a mevere fatt, his whech his temple was brumed and one of his ribs broken. Ile was, however, able to walk into lestes, but was alvised by fur mediea Bramer not to leave the hoise for somo days. liaron the ford Ched Justica will not bo able to take his seat on the bench during the present assuze On Tuesday Mr. Juatice Inflor, the varatum Julwe at Chambers was oblige 1 to procerd to Kingaton on necount of the illuese eit the (linef fuation
l.1 v̌rabiol, - Information was terelved on Monday Chios New York of the toundering at sea of the bark lost lier saptan, clanf rifuer, ats! elast nf her erew
 sithont find ur drink, atid nere at lemoth thken ofl by The secand ntlicer died two hours alterwards. In ahort time after their rescue the China went down. The thesmship Italian from rriests or thi over a sunken rock in sege of wind 18 milas from Cape Fubisterre, and in a fow moments went down stern foremost in deep water. 20 of her crew of 30 and three male passengers went down with her; the aptain, first, second, and third oflicers, four seamed, wo firemen and a boy, were preker uti by the steame Leda, and landed at Mymouth on Thursday.
Manchesterb. - The rase of the lishop of Man chester r. tho llev. J. 33. Sedgwirk was taken before the hi Grace baing reais of lork recently on appeal seessor. The Biahop of M Muchester had revolced Mr Sedgwick's licence gs minister of 8t. Alban'a, ManMr. Sedpoick appesied to the Archbishop agatost Ar. Sedgaick appesled to the Mrchbishop agatnst having been heard on the jart of the bishop, and the Solicitor-fieneral and Mr. Charles for Mr. Hedgwick, Iord Cbelmsford on Saturilay read the julement, to the effert that the bishop's objection to the appeal, that Mr. Kedguick was not a murate under the tith (ion 3, or the 1st and ad Yicteria, mu-t lieveatl, and that therefore there was no apyeal to the armibishop, and the appeal could not be pntertamed The Arrhbshopexpreased a hopo that Mr. Sedkwick would ohtain a hearing from the Bishop of Manchester, and fter advertins to the point which had been urged geinst him, thought that an for and ho mipht be remtored to his ofli a as Mininter of St. Loans. informing him that the inhbition refently put upon bis preaching in the diocese had been "relaxed." This relaxation is eccompanied by certain conditions including the discontinuance of lighted candles. coloured stoles, and other matters.
MoNMOUTE - - an explosion occurred on Monday in the Stable Pit, Nantyglo, when nine men were severely burned. One of them dted shortly after, and three otbers were not expected to live out the das. The accudent occurred through one of the doorways having
becn left open long enough to allow a larre quantity of been loft open long
Penzence - The Triuity Board has resolfen to supermede the Longships light house of the Land's Eind by a new strituture on an adjoining rock. The comtrat and all the granite for the work will be imported from France. The preking out of the foumdation will com-
Porthand -On Tuesday mormag a conciet named Dethridge mardered an asistant warder of the convje prison, named Trevit. It appeges that while howis Dethridge went behind him and knocked him dowa by

TITE: GARDFAERS CTRONTCTE ANT ARPICTTTURAT, GIZFETTE.
[ MancR z

The Fentan Convicts. - The leniency of the Government in releasing so many of the Fenian conear ;as been interpreted by the Fenians as a shats" have aple and wherever the proceeding
sentiments of the speaters and the dempayour or audience. Augustino Costello, in passiug through T3allinasioe last week, delivered a speech filled with abuse of the Euglah Gorernment. been, and that so long as he had breath he would conspre and plot to overthrow tho Britsh Government.
Cork, Mr. O'Sullivan, the Mayor of that cuy, presided
at a meetiog in honour of twix liberated "patriots,"
$\rightarrow$ "Colonel" Warren. James Francis Xavier O'Brien, Dominick Mibouy, , ham O Sulivan, John Coghan tho Patrisk "Corry, of Rathormad. Warren delivered a speech in favour of the sabre, statug that the elorquence of fing harmoniouly on the car; but it did not lift or elevate Thn Mayor said he did not coincide with Mr. Warren to at present, as they had Mr. Gladstone on their side who, he felt confident, would release the rest of the Fenian prisoners. The language used on these occasions has osused general uneasiness throughout Ireland; and on Tuesday in the House of Commons, Mr. C. Fortescue,
in answer to Sir G. Jenkinsou, stated that the in answer to Sir Gr. Jenkinsou, stated that the of the clemency of the Cromn, had been referred to the Law Oficers, the Government heng determined not to permit such offeces. He added that it had not conditions, and that it was not true tian Lubs and O'Donovan Rossa nere among the 19 convicts towards whom the mercy of the Sovercign had been extended. Subsequently Mr. Gladstone stated that the Governneat had no intention of releasing nny more Fensans In Ireland it is suid that the prevailmg feelng is, tha the danger hes not so mith in a renewal of the leman excitement, and a fresta impetu, to the conspiracy, as in the development of the Ribbon system aud the merease of agrarian crime. Outrakes are of frequent occurreace, and no less than four were reported on Saturday from different parts of the country The paman Cothoh Bishop of Ardayb Dr M'Cabs has published a letter arainst Fenians and ararino bints that opponents of Mr (iladstone, $n$ whech the the authors of the outrages now occurring, and that their object is to intercept "justice to Ireland."

## Scotlanio.

Universiry of St. Andrew's-On Friday Mr Froude was nstalled as hevtor of the Vniversity of upper halı of the l'niveralts Libary. Prumpal Tulloen presidng. There was at large atten lanee. Pranopal Froude ocupied as at man of letters aud hatorian, an slluded especially to his works on the Reformation.
He sail the University was proud to Renrol such. nume ba ies list of honarary craduntes. The derree of Doctor of Laws was then conferred on Mr. Froudde, lond eherrs. Dr. Fronde then delivered an a ldress to the studente, in whech ie refrured to the Ineformation
in Scotland, the quastions of ciluention, Intinersty

 whon it was innounced that the subserptionsaniount C divenasion it $\$$ ? resolved that the testimonial should take the form of piece of plate, to be premented at a banquet to he given to him.

## 3 ป11

Comppasation Case. - At the Mancheater Assizes, before Mr. Justiee Iush and a special Jury, Mr. Nacar,
formerly a mache-maker, at Iurnley, sued the Lancashire and Yorkshire Comprany, for dsmazes for injuries which he sustained in an accident on the line,
whilst travelling between Burnley and Manchester on the 1st August, 1865 . The jury returned $\&$ verdict for the plaintif, with 40nol. damages.
Railway fares lave bepn "ABevised " The South-Enstern Charing cross and ('mnnon on the betwen the former fares of about ion per cent, the addition to the third-elans fare making th half as much nazin as it was before, and theother addition beng as nemrly as possible in the same ratio. It is underatond that though tho revised fares have been carried on over
some of the busiest city days the traffio recelpts have some of the busiest city days, the traffic recelpts have

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 child, a furtnight old, by drowning it it the Wardle. Sho hand
been confined at the bouse of a






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Guituaxd.

## Thy Fant on WI h nw, K r , yat His int

The jury roturned a verdict
a blow from his pickaxe on the beck of his head. He then gave him several other blows as he lay on the ground, completely smashnig in his skun. Dearh stood within a few yardx, and made ro attempt to save stood within a few yard, and made ro attempt to save Murder arainst the prisoner, who was
trial on the capital charge.
Presron. - The latest ieports of the strike state that the manufacturers wial enther carry their point as to a reduction of luper cent. or close thele mils, and that, on the the proposal, and will strike em masse ruther than be defeated. Throughout the town the middle classes have no sympathy with the realstance, believing that the masters cannot afford to keep thenr mils open at
the old rate of wages, the bulk of theru having for the old rate of wages, the buk of theru having for it is stated, are workiag at a profit. in about three weeks, unless some concession is made by tho operativas, nearly lo, of o of them will be out of work

Rotherians.- Duriag the races on 'lhursday, whale the vast crowds were at the highicst pitcd of exciteterrific crash, owing to the insuficienoy of its supporte. No lives were lost, but a woman received a compound fracture of the leg, and many persons were bruised and severely shaken.

SEBEFIBLD.-The friends and admirers of Mr. Roebuck in this town presented him on Fridsy 1as6 With a handsome testimonial, consisting of 3000 , in cash, bocompanied with a com was unseated at the last election. The money was nresented in the form of an investment in Consuls, settled on the daughter of the hon. gentleman. In the cyention he delivered what he callod his "political testament," on closing his political career, his parting adivice beng "Beware of Trades" On Friday morniug a shocking murder was committed in this town. A pocket-blade griader, named Serman was in bed, sleeping off the effects of a debauch: his Was in bed, sleeping oif the elrects on a debauca; his but no sooner was ho arrakened by the lad than he caught hold of him and cut his throat. The fatlier afterwards gave himself up to the potice.

Shields.-OA Friday night Mr. Murphy lectured against Popery at the Oddfellows Hall, North Shields, to a very cromded audience. 200 Irigh Catholics, from
Jarrow, armed with bludgeons and iron slan, attacked the lecturer and audience, who tore up the seats in the lecturer and audience, Several persons were severely injured. One defence, Seaveral persons were severely injuror, having had Dotice of the intended attack, had collected a larke body of police, special constables, and military, which charged the Irish, who, finding themselves thus vigor-
ously assailed, took to their heels and escaped out of ously assailed, took to their heels and escaped out of
the town. Murphy then continued his lecture. The the town. Murply then continued his lecture Sat day evenimg Murplyy del, vered another lecture but the mayor paraded this polich and speri
constables, and a detarbment of the 10th Jezimen and no further breach of the peace ensued.A few nights since, an Irish labourer named Peter Tracy, at South Shields, while under tho influence of drink, sent his wife for half a gallon of beer to treat some countrymen sho had called to see
him. His wife, who, it is said, was also intoxicatef, him. His wife, who, it is said, was also intoxicated,
stayed awry two hours, and on her return the husband, who had become rauch2 irritated by her delay, fell upon her like a savare, knocked her down and hicked topr violenty that she die in as quarree of an home. At the
 the punups, which were set to work after the irruption of the water into the Brierly. Inill Coiliery on tho previous Tluesday, had beea so har suscesafal $m$ redtecitig were ablo to descend the shaft, aud rescuell tirst two men and a boy, and afternard- tum more men, who liad
been imprisoned in the bugher workngk for $11: 3$
hours without food. exploring party went down, but the only result was the recorery of the body of a raan called Ashmore, Who had become insane and died within 10 yards found. Towards three o'clock on Monday morn, 1pg of 200 yards from the bottoms of the pit found
four men and two boys Btill slive. They were having been without food for five days and five nithon, Only one man now remained to be discovered, and on Monday afternoon a searehing party descended and, contrary to all expectation, dis onvered him alive He Was very weak ohen brought to the surface, but not more so than might have heen expected. The saving of ly out of the 13 men and boys imprisoned in the pit most sanguine, and the rejoicings in the neighbourhood have been very great
Witted besbery.-On Friday William Fall was comamitted by the magistrates for trial at the assizes for the Filful murder of Eiliza Bowen, who was found dead on the morning of the 28th February in Mad Line. There was a large crowd of people around the court, and the prisoner had to be carefully guarded in going to the railway station.

## Freland.

Ter Logd. Libutexanct.-In the House of Commons on Tuesday, Mr, Gladstone said thero was Dewspaper, that Enrl Bponcer Wha about fo resige than
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 timim. Ho Hasor Cockpane, son of the ninth Earl of Dul,


 yhter and hadr of Mr. Thomas Wincklesy, of Brockholes,
 Thaster, in 1887 , and is succeedad Dy his som, John, borm












 PP. Put Somersit, and head of the eminent barking firm of

 -uriod in was the son of a merolant of the city of Cork,


 2nnatonical Socetty of Parif, and formerly President of the











 Military Academy at Woolwh.h, iecil co the lith inht, at the wh the previous afternown, and had ordered his horsa for paralysio. frow which he never rallied. In consequenco of the death of Genoral Orusby tho oltting of tho Comarainaion,
appointed to talke place last weel at the Hogal M litary appointed to take placo last weel at the hogal Military
Academy, for the purpose of considering and reportin on tho Academy, for the purpose of conshdering and reporting on tho
mir prity of amal

 coast of Syisi in 1841. He beryed alko wifin the Badtic cxa
 with actively braves in Juhe, kes ; and wis agann noundun whit actively ungaged in the calture of the lakoo Forts in 1 be
He

 Grenadier Guards in 1872, serred in the Posingula, France, Nitulle and Nave Hive the war nue ral with worety wounded at Waterlion losing hin right leg by a cannon shot. Ho lad resided for Cartais rulsid, R X, V.C., died a few days ago at Comon, for Captain Peel with the naval hl 1ede, OLtainod the Victoria Croos for his gillontry, Ho hald subue ftently silborciuate commands, but Intteriy his hoalth had

Majesty's screw-ship Northumberignd, one of the iron har syladroun, diod a fow days since at Lisbon, where he had bean left mahore sicl when the mquadron salled on itt lest cruise, He had grently dilitinguishod himesiff in China, and was one plously been captain of the Lord Clyde, and in consequence of Thelift D WitaER, Rector of St. Columb, Cornwall congpicuous place in probilic notica He way the only chific of a wealthy London attorney, who died about 25 years ago,
leaving hiua sary large fortune, sadd to be equarter of million, having previocily purchated for him the lirgeat On coming into lits property Dr. Walker reatored the rectory house, whicla formed part of an old monastic building, at ndownent of a bishopric for Cornmall. Tho Goveninient hesitated to accept tho offor, and so long a tme clipsed rith. Out any settlernent being effectac, thit it collow Lut uiti tion at Gravesend, enterod fato an much larger one at Notting





 At the diss-lution of the hate Parliaracont, finding his henith fulung, Le deelined to alluw hirnbelf to be dysin put in noni-
nation, althicugh lia re-election was a matter of mi ral
Mr. Heargcorz of Epsom, better krown as "Squire

Winra, - The whil of Admirril Charies Wardo, K YI.. of



 Hichmond, Surrey, il, vool. : Mr Alexandier Haddaro Oswald,




## 2tarticts.

Potatos.-Sotriwtark, Monday, March $-\overrightarrow{\text { Mare been }}$ light, but plentiful by ral. The weather being colld, the truile $\mathrm{r}^{\mathrm{r}}$ nest and resh samplua his smpreved, and towards the en
of the weelk a little more muny was made. Inferior

 6)s.
Hites, Ave.

## COVENTGGARDEN:-Yarch

We have but very littlo alterativn elther as regarda suypyiy


 Fuchstas, Violets, Waliflowern, Fitry Rooes, end Spirma Apples, por bushel, Fs to yRCIT.

 Melong, exch, 28 to 4 s

## VEGETABLIBE

Artichokes, greon, p.doz 4 toto68 Leeles, per bunch, \$d to $4 d$ Beans, Kidney, p. 100, 19 to 28
Beet, per dok, 15 to 28 Carrote, per bunch, fod to 10 d Carrots, pur bunch, tidito to 10 d
 Cucumbers, emeh, pd to
Endive, per doz, 18 dad
 Herbe, par bunch, ed to 4 d pround. 18 to to 89 Mint, per bunch, $6 d$ to 19
 Pareley, $\mathrm{F} \uparrow$ r bunch, fil to ed
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 Seakale, p. punh, 28 to ss Nphnuch, pur bushel, 2 a to 3 s Turrupho p bunch, 6 d to 8 d

HAY.-Per Load of 30 Trumer,


Pine Meadow Hay 10058 toll 12 ga Primelatcutclorer 12\%sto 1308 nierior do. ${ }^{\circ}$ Prme Now Hay $\qquad$ Inforior do. do. Infrav

Inforior do
METROPOLITAN MEAT MAREFTT, - Marel 9,
 As, \&d. per 8 lb.
LEADENHALL POULTRY, \&c.
Truhspar, March 25 .
The wild fowt samon is nearly tara clo. ; the pricos during The first Quails aro to hand rid Marsuilhea, the tiryt lifise naulo







HIURS-Bornteme Manhft, March 2.5 .
Mesers. Pattendert d Smmith report the narke unchanged,
the inquary being chiclly confined to the begt dekeriptiona of Eriglasi and fureign, at ate ratea.

## herropolitan cattle market.


 emaller, but the dematul in very luated; prices oat the average aro huw , and a cle.rnnice cumut the eftected. Choion caliva Beath, 11, 245 Bheep, and 110 Calves. from Scotlund there an 184 Beants : from Ireland 10 ; from Norfulk atid Suffols, 900 and 480 from the Milland and llome Counties.


## MARK LANE.-MondAI, Warch 2?

A short rapply of Eng Elsh Wheat was recefved freah up to
our market todas. buth noarly the whule was received ln excellunt conditiout. There whan no sctrity in the trade, and
 descrfittons there wis a very mosfernts tnvinity at last Condency to itnluroverment was aprarent ly tha, qutaty nat modorsto supply was on wifor. Melt whD in siow request, hant wevic quatallon. The trade lor Beane wequall, at

THE GARDENERS' CHRONICLE AND AGRICULTURAL GAZETTE

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DOULTON \＆CO．＇S GARDEN EDGING TILES

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BREAKFAST．－EPPS＇S COCOA

Prepared be Jas．Frps \＆Co，Hompeopathio Cheminth，London．

DARAVILLA COCOA IR IEBYECTION．－The －thorough auccess，and mupersedos overy other（nton fin the mathet Entira golubtity，edelicnte aroma，ata a rare rmentration of thin pureat elementh of nutrition，distinguish the mararilla Cocon abov Ell others．For homosopathe and tornlins wo conld not recommend a mors agreeable or valubble bererage＂
Sold in Packeta onls，by all Grocers，

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UIII．Z（K）LOGICAL SOCIETY，London．
IOYAL BOTANIC SOCIETY，London．
DILL BOTANIC GARDENS，Dublin．

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ROYAL BOTANIC GARDENS，Cambriáge．
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ROYAL DEPARTMENT OF SCIENCE ANI）ART，London．

Wilh grent gratification that we announce our permission to refer upon any occasion to the various Heating Apparatuses at the above，where our
＂qutur on
on record．Thesa are no theoretical statements，but positife facta，and it is not too much to add，that no hoiler can bonst a parallel，
For List of Details，see＂ILLUSTRATED BOOK of DESIGNS＂（12th Edition），which can be obtained hy addressink a note to
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For the Bast Practical Information





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## F20nte ITevs.

THE CuORT. - The Queen and Royal family continue 2t Windsor. On Thursday, the 25 th, Prince Arthur arrived at the Castle from Grebowich Park. The What
 tamis thter tet jo.sine erruse in the privit. elhatel. The Rev, R. Du kworth preati, ed the s rmon In the afternoon the Queen drove out with Priuense Louisa and Pruce Arthur. On Saburday moming the ceremony of churching Princess Claristian tonk place in the private chapp of the Castle. The Dean of
 atiended On lister the the queen and horyar hannv bean of
 Masesty, and remsen nel to lurcheon On M. nuthy the Queen drove out in the merin nkanl aftrin rin. Prate Arthur went to Pover. to he prewent at the Volunteer morning the (useen waiked and urove in the -mondwith prinees loonim. In itan afternean the fonem.
 nam and visted the Comit aud Countema de Parin Hier M ijesty returued to $W$ indmer by a pemal tram on the south-Western Ralway. The fuchess of comberdee arrived at the castle on a nolt to her M, jesty. On Whenewlay the infant ath of Prine and Primeen Christan marestern of her Majesty, the Prinreeses, Y'rumes Artiur and Leozold, Prine lijnard of Cesexe Wrimar the Dushem of Cambruze, the Dake of Cambudige the Lard Chancelior, the lome hecretary, the Inald Chamberlaim, and other ofli ral persumages. The archimatuon of Canterbury performed the ceremeny. The Gueen handed the infant Prince to the Arehbishop, ando Fareders Alfred (ieorge Ihe sponores, all of whan ware repreaented by rimesy exeent spon-nrs, indo of cow brige wore the oricen
 yowage no Delimarn, the Prmicent or wase the that oi Ehinburch, the Duhe of Cambrape, the bake Firederic of Schlenwit-Holsten, On Thursday nornHesse, and the Ling of Saxong, in the grounds with ing the Queen waike. The Duchess of Cambridse visited Prince and Princess Christian at, Frogmore, and afterwards returned to Londoa. Prito the Lord ChazWermar, the Duchess of Roxburgle, the Cord
THE PRiNCE and Pbincess uF Wales arrived at
The Prince and Tharsday morning from Egynt,
Constantinopie on Foreign Aflitrs and the suital Grand Chamberian went on board the Arialar to weleome their fermal Huhnewns, and excorted them in the Sultan's state barse tw the Salitibazar l'alace, where they laviled under the wath salutes.
The l'verzaiz -The Queen has directed letters





the pall hand of tralels, unthe contione election for





 1wo Aouth Hanta petitions are to oo tried at it authe
 Harwich ciuntr petition is the The Pembrome ju tutuog has been withdrawn.
linkionaic or Liscous. - The enthronement of


 the quirter. The yetr's socount shows a it remes , th
 7899721 : and a derrease in tho Customs of $296,000 \mathrm{~L}$


 1-9,814l.; and a deoremen to the Customs of $62,000 \mathrm{~L}$.

 of Now Zoalans.
Cris Brsirops on THE IRIBE CHEREE - Some of the Church Papers, which profeas to be Well informen,



 if 12se of Lar.

## fravet;in.

In: 11 , confirmed that the soldiers on six

 is nothing unusunl in this arrangerneut. As a prool that no warlike signifieance atlaches to the remall of theso troops it is announted tnat Marshal Niel, the






 arical whether thlute anothes tat t! is place of


 Hon had not re pivel any prozahawe lor 'a wemer
 introduced on future without an imqu.ry, in whinhl the Chambers of Commeree wold tahe purt Tho Butw the tirat relutive to the -upprestan of the workmen: n200k b (iovets), and the sernow granthor Kulwas Complans,
 Prearus intera alitana relatise to braws or "riuns practues at electous catio on for of Interior, sand Fir: ade do la Roquetite, Minister of tie of athandoning that the (invermant han




 emplosed by the Opmontro.1, wion -ausht bo obtan antes by making to the electorn irresponshble ruintes of reductions in the army and expenditure. The Government, in selecting ollicial candidates, took iuto account old thes subsistiag between those th choore and the eleotors. In this, be snid, was to be iousd fte true condition of indeperituce the erder of the day aspeech by . Enterpellation of $\$$. Eraest Prand br a majorty of 1.5 to $1 \%$ The crevertion of the (fantois, that France had asked the Cahmel of Berlin for explanations resperiting the muhw sat on aif ronp in
 ruatradicts a rumour which has been current titat tuo G Government intends recallme the Fremeh erpendil wn -7 corps from Rome, and denuc tian Itil: ham ut ed the Cominet of the Tulertar rus wo


 mim and alat to mat, ipat in ats way paryutble respecting the loan would le unncuessary and onerous
for the Treasury. The France states that a deputation
from the Sporades has arrived in Paris to solicit the from the Sporades has arrived in Paris to of France akainst the repressive mearcures that have recently been imposed by the Ottoman Government. It appears, however, that the deputa-
tion will not be received by M. de Lavalette in person or in his name. The Opinion Nationale says that several persons, among whom is M. Gustave Flourens, have been arrested on charges connected with earis. Spain. - The Committee's project for the new ConIt proposes an hereditary mortes on Wednesday evening, It proposes an hereditary monarchy, Cortes, consisting receive the King's sanction, and to be promulgated by him, and the monarch is to exercise the executive
power through his minitsters. The Catholic religion to
Ther be maintaned by the nation, but Spaniardsand foreigners are to be guaranteed free exercise of other forms and right, The Bill for the new loan was carried. On Thursday the Cortes were occupied with the blection
of a secretary and two vice-presidents. Marshal Serrano, in reply to a question, declared that the deputies from Cuba womld soon take thenr seats in island the necessary orders for thelr election. In asked whether it was true that the Portuguese Minister had informed the Provisional Government Crown. Senor Lorenzana replied that the Government had received no official communication on the subject. General La Torre has been appointed CaptainGeneral of the Philippine Islands. Fifty Spaniards received the communion in Madrid on Sunday morntime tlat this ceremony has benn celebrated in the fatth is also making sreat progress at Seville a rumour is current that a Carlist conspiraoy has been discovered in Navarre, and that a qeneral, a colonel, and a captain haspe been arrested on suspicion.
Portuanl. -The funeral of Captain Roderick Dew, of ber Majesty's ship Northumberland, took place in members of the British Legation attended, with several British, Americad, Portuguese, and Prussian officers.
SwITzERLAND.-An address, signed by 4000 citizens, has been presented to the Government of the Canton of Geneva, asking that energetic stsps should be taken to resist the terrorist attitude ass.
Bergidm. -The Court of Assizes at Bruges yesterday passed sentence on the prisoners accused of incendiarismat St. Genois. Vanderputte was sentenced to
12 years' hard labour. Virgivie Takkens to 15 years 12 years' hard labour. Virginie Takkens to 15 years'
imprisonment. Van Overschelder to 10 years', and De Poorter to 5 years imprisonment.
Runover. Professor

RANOVER.- Professor Eivald, who was lately acquitted by the Supreme Tribunal at Gottingen on a charge of high treason, was on the day of his acquittal gelected unanimously by a large meetiug of electors as
their candidate for the Parlament of the Northern Confederatio
AUSTRIA.-The ofbeial Wiener Zeitung publishes an Imperial decree sanctioning the finance law and the estimates for 1869. The Grand Duke Vladimir of Friday, on his way to Italy. His Imporial Highness Fha visited by the Emperor, and afterwards returned the visit. The Baroness Julia Ebergenyi, who was some time ago sentenced to imprisonment for life, for latter, has made an attempt to escape from the prison of Nendorf under the disguise of a nua. She was, however, detected and stopped by one of the gaolers at the moment she was about to pass through the gates. A ledy belongiog to a high family of Vienna was waiting Hovanax. -The Emperor
at Pesth on Monday. Of the elections to thrrived parian Diet which have been held up to the present karian
time 230 have resulted in favour of the Deak party and
160 in favour of the 160 in favour of the Opposition.
issued, prohibiting - A Ministerial order has been issued, prohibiting the continuance of the committee Which has lately been carcying on a political agitation on behalf of the Roumanian nationality
afresh to the sailors of the Imperial Navy the unAmited foriough whioh had recantly been withdrawn. An imperial ordinance has been issued, decreeing pieoes shall be rezumed. The standard of this coinage Iraly.-Lieut.-General Moring arrived.
on Tuesday, sent by the Emperor of A ustria to return the complimentary visit of General Della Rocea to negotiations on the Roman question were distributed negotiations on the Roman question were distributed
on Tuesday among the members of the Chamber of Deputies. They consist of 69 documents, exchanged, with faw exceptions, between Paris and Forence, and of which the dates range from the 7th December, 1867, to the 1st December, 1868 . These despatches testify to the firm sttitude of the Italian Government, sud its persistence in endeavouring to obtain the establishthe recall of the French troops from Civits Vecchia The negotiations relative to the modus vivendi remained Fithout result, owing to the resistance of the Papal Goverament. A note of the Marquis de Moustier, of troops depend upont the adhesion of the Pope and of the Catholio world.
Griker.- By a Royal decree published at Athens on Londay the Chamber is dissolved. The elections for

The next Parliament win take lace on the adience of the The Ottoman Ambassador had hay the King and Queen left for Corfu, where they intend to pass the summer months.
TuBEEY,-The Prince and Princess of Wales arrived at Constantinople on Thursday morning, in the the Sultan's yacht, and nine other steamers, had gone into the Sea of Marmora, with the British residents on for Foreign Affairs and the Sultan's Grand Chamberlain went on board the Ariadne, and all landed in the Sultan's barca at the Salihbazar Palace, the usual salute being fired. The royal party were preceded by a guard of honour and the Sultan's band. All the foreign steamers in the port were dressed with lags.
EgYT. The Prince and Princess of Wales, after inspecting the works of the Suez Canal, left Port Said inspecting the works of the Suez Canal, left Sort saiday morning. Their Royal Highnesses left Egypt on Monday, in toe Ariadne, - Constants from the Cape to the 20 th Feb, state tbat a acciounts irom tract of country 109 miles long, and rarying in breadth from been desolated by a fire unparalleled irs the annals of
the colony. The weather had been unusually hot and dry for the previous six weeks. On the 9th of Feb. the temperature thoroughout the colony rose to a more
intense heat than ever previously known. During the intense heat than ever previously known. During the
morning scorching hot winds blew from the north east, and in the afeme fire broke out at severa places in the burnt district, and wrapt millions of aores in an enormous conflagration. The cultivated lands, and buidangs, native forests and bush, farm stock and wid animals sharing the same fate. In a eew hours the Furs of pounds worth of property was destroyed in the majority const and the sufferers losing all the possessed. Several persons were also burnt to death the casualties in the majority of cases occur ring to the natives and to the wives and children of the colonists. Those saved had to take shelter in the rivers, water dams, and wet ditches, where many of them were badly scorched. The calamity occurring just after the harvest, which had been an unusually distrone, and destroying its produce, has caused grea distress in the districts of Swellendam, Riversdale Humansdorf, and Uitenhage. It is believed that the setting in. Meetings have been beld in the colony to relieve the sufierers, and an appesi has been sent home taken place) in the western province, and had proved argely in favour of the party opposed to the introduc tion or a responsiblo government and voluntary system of ecolesiastical support. Elections were also taking place in the eastern province, and there the Conservative element was also expected to predominate. The Free State and Basuto difficulty had been settled.
INDIA. - Shere Ali, the Ameer of Afhanistan, arrived at Umbalia on the 21 th, and the Earl of Mayo arrived on the morning of the 2 th ult. They met with a grand reception. The road from the railway to bar, which success. Lord Mayo welcomed Shere Ali, in the name of the Queen, and expressed a hope that the interview would be the commencement of a now era of mutual confidence. The Ameer was much gratified with his Ali return valued at $10,000 \mathrm{l}$. On Monday the Vicero senting his own sword to the Ameer, I ford Mayo declared that the British would always be friendly towards him
China.-It is rumoured that an Imperial ediet has been issued, prohibiting the cultivation of the poppy, Japanese troops on board, has been totally lost 70 miles north of Yokohama. The loss of life is estimated at from 250 to 300 souls. The German bark Madeira has been totally lost in Pratos shoals
lead, as rentod last Ex-President Jolnson is not passed by the Senate to modify the Tenure of Ofice Act was defeated last week in the House of Representatives by a majority of 99 to 70 . The House insisting its being merely modsfied, both Houses aqseed to refer the measure to a joint Committee of Conference, and the Bill has been finslly passed by both Houses as now substantially the same as the one adopted by the Senste. By its provisions the aboolute removal of
officials by the President is still the Seaate reject his nomination of any public officer in oftice 0 . predecessor is to he considered reinstated of Retice. The Foreign Affars Committee of the House of Representatives have reported a resolution authoof Cuba. Thesideat to recognise the independence of Cuba. The Legislature of Massachusetts has rati thed denial or constitutional amendment, prohibiting of race Senate of Columbia has rejected the treaty concluded by Mr. Cushing for the construction of a canal across the Isthmus of Darien.
D'Euazile-General Polydoro, and not the Count of the Brazilun forquis de Caxias in command of the Erazilian forces in Paraguay. A second ArgenParaguay. Nothrog positive was known of Lopez, he is said to have 18 cannon and 3000 men, with
abundance of food, in the mountains, but his ammunition was said to be scarce. Senor Paranos has arrived at Assumption.

CUBA,-General Dulce has te
that before a fortnight has elapsed the
the island wull havo been CHil AND Perd.- Earthuake
ring at Santiagn, in Chill, muth
Scarcely a day passed without on
rienced. In Peru, also, earthor or mates
the interior, creating great consternation

## 7axliament.

The House of Commons reassemble
after the Easter recess. The ATro
called called attention to the repart of a
tried the late election petition effect that oorrupt practices had ex Commission to inquire into the Ad practices
Rossent Norwich. Mr. C. S. supported it. Mr. Gatronse, Wherever a judge reported the e
of corrupt practices, the Buse
but to apreo to matter of course. After some remarls themotion was arreed to. Subseque Water against which a report had b without opposition. The second read poned by Mr. Goscmens nutil next
pone
Valuation of Valuation of Property Bill was read a Surtir, and Mr. Locke, on the under they were committed to nothing besond on the Endowed Schools Bill was nomi day Mr. Stapleton gave n
next he will ask the Home attention has been called to a ritual Which took place on Good Friday in the-East, and whether such procession
ance with the law. Mr. Griggory the 30th inst. he will move that the B and other public buildings should be public on SuDdays, after morning ser into Committee on the Irish Church move that the compensation should not be
of any funds in the possession of the Irish The House was left sitting.

## (Titp 知telligence.

Bank Rate of Discotst. - Mbe Director od Bank of England on Thursday made an adrame
per cent. in the rate of discount, which has benal December last, to 4 per cent.
Money Matiekt, Fbiday, - Britisis
Consols closed at 909 to 92 b, both for 10
 Cents, 1128 to 112]--FOREIGN: Brazilan
Egyptian (1865), 76 to 70 ; Ditto (1865), per Cents., 95 St to $95 \begin{aligned} & 3 \\ & 3\end{aligned}$; Italian, 54 ? o $30 \frac{1}{2}$; Orel, $811^{3}$ to $82 t$; Nicolas, $6 \tilde{z}_{2}$ to $G_{j}^{\prime}$ : 1 Turkish (1862), 663 to 67 , Ditto Six $5-20$; Bonds, 83 to $83 \ddagger$; Erie, 24? $96 \frac{1}{2}$ to $97^{\frac{1}{2}}$.

Atctropolis anty fty Ticinity. Review on Monday took place under cirn
which are not likely to be soon forgotten. Tht was ushered
Majesty's training brig Ferret
Admiralty Pier, the Castle heigh
snow, and the Volunteer
found themselves exposed
tiolent that the object of their
trains from London began to arrive by bo
Eastern and the London, Chatham,
Among the first corp)s which arrive the 3d Midalesex Artillery. The 9 pany came down in the co
o'clock bands ware playing in all di
or 15,000 Volunteers were
the muster on the various
became worse than ever, and in
wind had risen to a hurricane.
rapidly rising, and an alarm from
rapidly rising, and an slarm from
grand but unexpeoted speciacje Wrs mitressa Ferret and the Marten, companion come round from Portsmouth part in the naval operations
moored to buoys on the east
pier. The Ferret, which carried
after rolling heavily for some houre d length parted from her moorngge Her
pier. The shouts of those on board
cun whe malboat Breeze, Whioh had arrived st a - had made fast on the west side of the pier maved ately took all the line and ropes thes hra, which was then 20 feet or $2 \overline{5}$ feet below the prer. Snme of the bors mounted the ind from the yards got on to the pler; but the andibe of them and the mes were bauled up Hinme. and though it was at first feared tha be wi lads had perished, all of them, on the
ooll betng called orer, answered to their games. mell betng called orer, answered to their aames. on misered to atoms azainst the solid granite For the next hour the waters around the the beach were corered with spars and other
of the wreok. Perhaps no shipwreok Fas ever by such numbers of people, or nuder circum cos more extraordinary. Not only was the upper a crire with men and women, but the roof and .een, two long trains which had drawn up on the a the lower ground in their anxiety to seoure bite recid, and were not only wetted to the shio mmetimes washed off their legs by the waves, For
ime it seemed 88 if all thoughts of the Volunteer ner had given place to the interest which the fate and the thousands of strangers then in the odeed, it was believed that no more would be e holunteer field day of 1869 . Many of the but on reaching them found themselved from the waves as they broke upon the beach the state of matters on the hills was suoh that have boen no easy mater to stand upright the conamanders of brigades who could be got and it was determined to submit to abandon of collecting. the men for the return sud of taking advantage of gh gleam
weather, if it should present itself, it ounced that the Volunteers were to reassemble , and to march past the commanding officer Mean while the men wore dis-
of a few minutes every hous ti, ament in every part of the town was with applicants for food or hhelter. In littte half sn hour, the weather, though still and a morinced Arthur, Prinee Teck, Lord monnted escort. They had ridden Castle, encountering the storm on Dulke expressed his opinion that the thot to be postponed, and gave peremp.thin two bours and a half three-fourths, lour-fifthe, of the Volunteers had fallen hares, and were marching to the Castle IIil] had aseenbled to witness the march past and to which severity of the day and the des in carriages, on horsebsack, or on foot were asppotators. The Commander-in-Chied took hand. Prince tol Proctur hi brigede of Surrey Artillery, and then Grant and gighnesses at the flagstafe. General and a brilliant staff were immedrately be Comporms. The passago of regi-Hommander-in-Chtef was sustained as circumstances permitted Brigade had to make great herr 9-pounders in time to close rt through representative comarcedings, were loudly cheered, Middlesex (Post Office), the 17 th The march past and Concluded shortly before nutohed back to Dover that the Volunteers prover by railway. The Comemander-indeterminad to adhere, as far as time original programme. Accordingly, regimente passod the flagstaff, thay beforehand, and long lines of manysp spread themselves, in compl the ortillery, over many miles sh posed to begin at come distance drens an the rival lines of akirmishers, urst attractive in try. To the general public ${ }^{251}$, bcreasedive wortion of the spectacle, and shear plon opesnd fire with a roar that $\rightarrow$ ades of and at a 3 for a considerable to ceace firmong wion falling when the nteery on therr returnin 2 London left mut past elght in the evering and
eld aperations the following course of the the an divease, William Foth foll dead on

Fssox, sprained has knee: James Dawson, of the $2 d$ Robert Sherringbam of the $28 t \mathrm{~h}$ Kent, met with similar scocident. At bight the Castle and the ships of-war were ilhuminated with the magnesumen light this Commiswion, Which whes presented to Parliamen previous to the adjournment, consists of three separat Erle, Lord Eicho, Sir I) (Footh, Mr. Merivale, Bou, Mr. axcept as to offences and damazes. They would mak it unlawful to combine to refuse to work with parti fular persons, and would appomt a publio prosecutor or trade offences, The regnstration of uaions 1 reconsthe number of apprentices, prevent the introduction machinery, or provide for the support by one union of men on strike in another, to be probibitod. Trade and benefit funds ought to be separated, and the accounts published. Whe Commissioners are of opmion that anions have not raiben wages, and that ctrikes are not the creation of unions. The report dirawe attontion to 00 perative and in tustrial prartnerships,
Messes lliges. For the seltiement of disputes they $r$ ommend arbitration and boards of concilation, as a Nottmeham, but they must be voluntary. In a separate rejort Lord Elchn constders that the relaxawhic made dependent a commends nukhtran caso to be of service aro ampiy protected by the amended inw master and servant. Lord Eicho and Mr, Mervale dissent from the recommeudation that one union renort. slgned by Lord Iielfield, Mr. Mughos, and Mr. Ïarrison, recommends the remnval of speecia legislation as to the employment of labour, and surgests that trade offences shonld be punished unde the general criminal law. The report recommends the men they will work with or for, and on surch points as wages, hours of labour and all termscriminal combect or uses to be penal unless it has cricernal object or uses criminal means. The existins aww which punishes offences arainst persons and properiy ought not to be altered. Combinations fin fuads to be acknossledged, provided no nffences arainst person or pronerty be contmmplated. Inwful assomaAct, with the poucr of apmonitng trusteex, and nith remedy against fraud. The agents of such awociations hould be compelled to furnish copies of rules, bynd eco., wo the repisirar, with a Blabor inspect the books. It is submitted that it is inerpe dient to rive sdditional legislative character to court of conciliation or arbitration, but expedient to sive acilities in all cases where a code of rules exists unde mutual agreement for the enforcement of the arrenien gainst either party who has bona fide ncoepted it. Mf "ughes and Mr. Harrison slen a dissent whinh they term conciusions from of uionism and to the improved baracter of upions of late years. Woll-established unions, they urge, rather diminish the frequency and disorder of strikes, and are on the whole, beneficial in therr operation, It is anlirmod that the workmen zenerally are not opposed to the use of machinery State interforence in the matter of apprenticas is deprecated. It is diffioult to estimate the effect of unions on foreign trade, but it is admitted that it is sometimes mischievous. Masters' associations are held to be open to the same objections as those of the men They recommend that unions should be capable of cung and recoveriag a mw contribunus, arreara, and noes aganst their own members. Lnions ousht not deemed expedient to change the position of trade unions as clubs. It is also deemed inexpedient to kive a legislative obarater to courts of conciliat.on or arbi tration, but to give facilities for their estaliahment and for enforcing the agreements made under them. PRESENTATIONS TO NSCOCESAFTY. CANDIDATEA, The working men of Abingdon holdiag Liberal riew on ebony to Mr, Godfrey Lushington, who contested the beat for the borough at tlee last general election vith the Hon. Colonel Lindsay, M.P. The Nives of he subscribers have preseatou to Mrs. Lusaington sndsonle timeplece. Nin to Sir Wailingford have presented to Sir Wentworth Dilke Who lost his seat in November, when Mr. Stanley silver inkstand, the former having been aubecribed for by the wives and daughters, and the latter by the men. Good Fridey Rituaitstic Sbevices, - Some novel practices werb introduced into the ritualistic churches on Friday last. The bells were tollod at intervals during the day, and there were "The three hours" agony." This last was observe [ichael, Shoreditch Rev. A. H. Stanton, one of the curates of St. Alban's st the close of the service held up a crucifix, which h blessed. He then invited the people to come forward to kiss it. Some of them arailed themselved of the "Reproaches" consisted of passages such as these:${ }^{\circ} \mathrm{O}$ my people, what harve I done to thee? wherever have I wearied thee? Answer me." "Be cause I brought thee out of the land of Easpt hrought prepared \& cross for thy saviome. the Red Ses and thoul didst deliver ms to the Red Ses, and thou didst deliver mot to
and thou opened mit myde with a spear." "I esalted gibbet of a cross." Ifter pach of theac sentepices the choir sane - "Holy God," Holy snd mighty" "I Ioly and immortal," nnd sn n At At Peter's, se (ieorge'sin
the Eust, the Rer. C" Fowder, the incumbent, had in the afternom a spanal sprvice, follomed bs a grotes sion of "the Way of the "rose" throuzh the parish,
with litantes, livins, and short ad lresses The fast aditens was delivered in the churctyard, after which a mancematon was formed, consistung of choristras, clerky
and others, and preceded by a percin cross veiled. Hassed mured upoht (iravel Lame, Mr Lowimr mane a halt at the comer of wrcecter Street and addrensinz the neople, sald that they were goms that day thromph the pamful stations of the Way of the Cross. Of the first he had spoken in the courtyard before they started. The second station was when Christ received his cross and when he was condemned to death. On this point he delivered an imreceived his cross in the word. At lin lase the procossion reformed, and moved on to Greyhound Court, Wrary" Mr Iom lur there delivered anc ther address, Criss was that in whell Chist fell uader the weight of the crosg, and showing how made were continually falling through ain and temptation. At Temeh Street, Mr. Londer sadd the nest station was emming out of Jerusalem. On this hate was getter rippeat to mathers, if whona there were at least Wapetore him with bables in therr artus. dear Wapping Church he delivered an ajdidress on the
station in which the cross was laid upon Simos of Cyrene, whose heart was penetrated by ita influence and procesinn next halfod nt the coruer of Anchor atation of the wres that whely the nex commer out from the crowd, and seensm the sad face of Jesus and his exliausted state, gare him a cloth to his face was made upon that cloth. The next halt was at the corner of King Street, where Mr. Lowder spoke on station where Jesus fell a second time. Then, on a large open space, at the end of King Sbreet, erasalems wept for Chriat. A little further on te after hasane nemply rearhel the toll of Momut Calsary. It Wappang Wall, he whoke of the eleventh atation, on which Christ was laid on the cross At Calvert Street he spoke of the twelfth station, the eak of Chrst after hanging for three hours on the down from the erces. This concluded the oircuit of the parish, in which just three hours were occupjed, and tho vast mass of assembled, and many of whom had followed Mr Lowder throughout, bang with great vigour Toplady's then moved into the enurtyard of the charch, where Mr. Lowder spoke briefly on the fourteenth stationChriat taken down to the grare, and then prosi althourli many hundreds of the lowest class of prision onaed the procession, and huadreds more looked from cout windows of the thicky-tenanted houses along the and his party wes used. It bas not been usual for Congregationalists to observe Good Fridey, but this Cear the Hon. and Rev. Baptist Nool preached a Newman Hall at Clapham and Jlackheath.
Srbrrati Villate Comerny (Limithd), - On Tuesiay afternoon the lirst stone of a new suburban
vilage which is about to be buit at Ioughborough Park, Brixton, was laid by the Farl of Shaftesbury Thes enmpany was gtarted in duly, lons, to supply want to which at that time public opinon was much directed, $\sim$ namely, food and cheap dwellings for the thout to be deprived of ther houses, either br the Metropnitan lites of rallway, or by the course of other large works and public improvements. The new company wal at starting well supported by the class for by working men. After a time, however, the company, which were fortunately surmounted, and a change of Bosrd insurad a more energetic and more econonical management. The lessehold of the Loughborough Park Estate, for a period of 99 years, was then purchased from the Ecolesiastical Commissioners out in plots for dwellings. The whole extent of kround thus required is about 26 acres. It has been pianned out most admirably 1 nto six main sear. The houses, which are to be built by Mr. Pitt, the architect, are to be very pretty specimens or cotbage dwellings in rrammeatal bla,
exactly as the shareholder and nintending occupaer may
wlish. The rules of the society are so framed that any one can purchase his house at once on payment of the amount his payments in the form of rent for $=1 t$
ears. Thus, if a shareholder selects a mumber one house, the priee of which 18 gova, and pase for th 192 a year and 21 years ground rent at 3l, ise a year, so that at the end of the 21 years he would have paid $470 l$.
or a 2001 . house. But, on the other hand, it must for a 2000 . house. But, on the other hand, it must


#### Abstract

that for the same description of house elsewhere rent，and at the end of his 21 years have no more title to the property than on the first dey be on Tuesday，Lord shaftesbury dwelt upon these alvantagen，and above all on the enormous benefits whichmunt accrue to the working men from having Which must accrue to the working men from having of being huddled together as they now were in crowded sties，the very atmollere of when so depressed the vitalssatom that drinking ant all its hideous train of vies was almost forced upon the poor．He aroirles expresmg any opinion as to the financial results of the good work they had begun，and earnestly hoped that it would be as successful to them as it must in any terant the houses．He believed in the goodness of the efforts which were now fortunately being made for tho class of handicraftsmen ；and he thought the day was not far distant when as classes they could be pointed to as models of frugality，temperance，and industry． lie Hon．Arthur Kinnaird also addressed a few word to those who had come to witness the laying of the Beards and Moustaches For This Pomick－By direction of the Commissioners of Police，an order wa read on Wednesday at every station of the force， permitted to wear beards and moustaches．The order  Registrar－Gerieral states that in the week that ended on Saturday，March 27,4623 births and 2594 deaths were registered in London and in 13 other large towns of the United Kingdom．The manual rate of mortality was 29 per 1000 persons living，being 26 per 1000 in London Birmingham， 31 in Liverpool， 32 in Manchester， 25 in Salford， 31 in Sheffield， 32 in Bradford， 21 in Leeds， 30 in Hull， 26 in Nowcastle－upou－Tyie，and 40 in Glasgow．The rite in Berlin was Bit per In London the hearths of 1121 boys and $10 \% 6$ girls Week．In the corresponding weeks of 10 year population，was 3239 ．The deaths registered in London during the week were 1590 ．It was the $12 t h$ week of the year，and the average number for that week，corrected for increase of population，was 7603 ，The present return is therefore 13 below the estimated amount．


## 3anobimetal．

Bireinhead．－On Saturday morning the turret ship Captain，built and armoured on the principle of the works of Messes．Laird，in the presence of the First Lord of the Admiralty and a large number of naval which raised steam rot up and everything plo funnel wa： for atrial of her engines．By the assistance of powerful steam－tugs she was taken into the Alfred Dock，where she was moored and visited by Mr．Chillers and a large number of naval and scientific men．The engines were worked for several hours in a highly satisfactory
manner．The huge turrets were also worked in the presence of Mr．Chillers，by steam as well as by hand－ power．In 4 seconds the turret made a complete revolution，and it was found that at any point，and
without the slightest difficulty，it could be stopped or reversed．
Briprey Hill－On Sunday morning the nine men from Lock＇s Lane Pit，attended Brierly Hill Church for the purpose of offering up public thanksgiving for body on seats provided for them in the centre of the Frederick Smith，ohio agent for the Earl or Dudley lion with the mining estates．Only one or two of the men were able to walk to church，and those who did so were conversed in abe．The fact that they would Hos areal on the thousands crowded the street and churchyard for the looked upon as men raised from the dead．The church itself was crowded，and many hundreds were obliged to stand during the service
BURY ST．EDMUND＇G－A proposition is in the course of discussion by the magistrates of Suffolk to amalgamate the police forces of the east and west oflicered and managed．
Cambeidge－Mr．G E Hallam，scholar of St John＇s，and Mr．J．S．Reid，of Christ＇s，were bracketed equal for the pace of senior Classic in the Classical School，was elected Craven United a ty shrewsbury year，and obtained the Browne Medal for a Latin ode In 1867，and for a Greek ode in 1867 and 1868．Mr．Reid was educated at the City of London School，which has Wranglers during Senior Classics and two Senior who was third，was adust＇twelve years．Mr．Wars Royal Institution School，Liverpool，was Scholar of Truth，and Portion prize man and Members＇prizeman Minis－On Monday a party of Derby gentlemen， including Mr．Joseph West，his brother，Mr．Eli West
of Mr．Meynell Tangram＇s hounds，and began cantering across the grassland in Foston Park，Mr．Joseph West being in the rear of the others．The party palled up in front of the hall，when Captain Levett，of Barton The party then turned to look，and saw the body of Mr．Joseph West lying at the foot of a tree，They
rode up and found him dead，the front of his head and rode up and found him dead，the front of his thad and were only two trees in that part of the park，and the impression is that Ir．West was routing his horse gong and that ho truck the trunk of the tree with such force as to catise instantaneous death．He was only 27 years of age．in inquest was held on Tuesday，when a Kingston．－The Corporation of Kingston－on－ Thames receive ？last week a communication to the effect that the Secretary of state declined to grant a provisional order to take certain lands，known as Int Government the purpose of sewage frith petition， presented by the Corporation to the Home Ollie， on the 10th ult．
s．－On Monday morning the Learning－ on Local 33ard held a special meeting to consider an Offer received from the Earl of Warwick，to take the Whole of the sewage of the town for a term of 30 years， and dispose of it by irrigation on his lordship＇s estate， wo or three miles south of this town．The local board are to lay down the requisite mains，construct the necessary works，and pump the sewage to a given point on the estate，and in return his lordship win pay proposed by his lordship were unanimously approved of by the board，and the offer was accepted，and will come into operating on the eth March， 1870 ，by which time Lord Warwick will be prepared to dispose of the
v er

LYNN．－On Monday afternoon，in consequence of an unusually high tide，nearly 50 feat of the bank of the River Ouse split and subsided into tue river calf mile from St．German＇s church．Great fears were entertained that at high water in the evening the tide would come through the breach and food the country， adopted to secure the breach were effectual in pro venting the threatened inundation．

Maidstone．－The Government has offered a reward of 100 l ，with a free pardon，to any accomplice，not
being the actual culprit，who will give such informs－ dion as will lead to the conviction of the murderer of

## John Fin．

NewCASTLE－ON－TYNR－Mr．Reverdy Johnson，who arrived in this town on Monday，was presented on
Tuesday morning，at the Town In all，with addresses from the Chamber of Commerce，the iron trade，the coal trade，the alkali trade，and the onrporation on spoke at great length on Singlish－American questions， would be rated his assurance that the Alabama question nitely more than the sums claimed．The two countries he was sure，would ever work together，and promote unity，peace，and concord between the two people．In banquet in the Town Hall．In returning thanks for the toast of his health he referred to the desire of hi own Government to reduce the rates of postage between this country and America，and the efforts he made to
obtain a reduction．He then spoke of communications he had received on the subject of the light dues from Chamber of Commerce in England，ursine him to induce his own Government to brine their injustice With regard to free trade，bo thountit that any system had manufactures of their own，such as spirit，which they wanted to send out to England；but the tax on the article amounted to 350,2001 They also wanted to send tobacco，but they were made to pay a tax on that product lust year of $6,2 / 4,200 l_{n}$ which was a pretty In then referred to an allusion made by Dr． to the state of morality and religion io America as described in Mr．Dixon＇s book，and said that with regard to moral and religious character he did not
know that they had the advantage of ns．but without booting the might say，what fe believed to be the truth，that they had more churches in the United States than in any other country in the world ；had more communicants than any other country，and paid their parsons better．Fe then alluded to the state－ meats recently made at Sheffield by Mr．Roebuck as to the things England had reason most to dread．The denier of these was America but a more idle fancy never England and an or man not and no more rejoiced in that conviction than the one who addressed them．
Ptymouth．－The telegraph able thrown overboard by the Calcutta has been cut by the Caroline 10 milos from the eastern end．She had recovered up to the that she will succeed in getting the other part on board． Preston ．－A large meeting of delegates from various towns in Lancashire was held in this town on Sunday，at which it was resolved that is．per head should be given this week to all o
extra slather they be in or out of the Union，with an gates，during to each weaver in the Union．The dele－ giving way to the piscussinl，spoke strongly against
sending the card－room operatives
fives from 20 districts was unanimously resolved＂that 20 distil association support by every legit power the card－room hands of Prestorto out on strike，by patting on levies and path
trons in the card－ronms of On Tuesday the delegates all the mill hands were sent into the South state their case，and have
eveniact a meeting of the Aroalgamatot ？ Mr．Mundello MP
 own．
SaLiford．－The execution of Michael I the murder of Patrick Nurney tack pleas noted for the viol morning．
 went on lonoxiog－night and demanded d nat landlord to remove him was a knife and stabbed Nurney in the Guilty，recommended hins to made to obtain a remission culprit，from this，entertained last that i he would not be execrit behaviour to the Roman Cath have been discreditable．
his parents took leave of ham．

## arivenitence for 115 crime．

Whansea．－On the evening of the sal Mangy felach，had nearly all the approaching Good Friday and two boys，however，still at work，and boys was going to an old working Was cautioned not to take a li that fire－damp bad accumulated
this warning，he went into the light；an explosion instantly billed on the spot，and tiro men mere ail after－damp．The others escaped，but great danger，several of them having sulla rom the afterdamp．
TODMORDEN．－Mi ts．Plow，the m jer of Rev．A，J．Plow，vicar of this parish， the 19th ult She never recon attack made upon her；but after suffering died at Wantage resulted in the deaths of a father，a m dree，and a nurse． land farm，at shaw－end，about Watson，his housekeeper，and a
 and his housekeeper were luau
bodies presenting ag ghastly appear in th presenting，but，strange to the same fate；for the accident，crept out rom was little burt．

$$
\begin{aligned}
& \text { pas little burt. } \\
& \text { WIGAN. -Another colliery explore }
\end{aligned}
$$

death of at least

## fiery Arley seam recently happened

 recently happened．It 15 suppby the firing of a shot，which
the coal，but has been blown out the coal，but
28 bode employed in that part believed that there are no more fen on Thursday night．Several ram terribly．In one as．

界的lant．

in various dioceses
tine Bishop，Dr．Alernder，de
to any idea of corupronise on and laity present took

## Nara the Bill was pronoun of Union，and a sacule

## property of the Chat


say compromise，

## measure


$\square$ On Tuesday the delegates from
filo support they hare recapped，of シ．
$\square$
$\square$
$\square$
$+$
ex


## 

$\qquad$
$\qquad$
$\qquad$
$\qquad$

Find the Bull ss unjust in its principles and fraught Whd dee Church, an a lody, should not offer nny compro-- Ding provisions. A meeting of a simular character

 it: Kia, 1 and hildare was hiderance Wel


 wh it the refusal of the G vermmat to rentas 'proces, ind intimated that at $\therefore,-$ a arritan $\therefore$ anj Charch body to assist Mr. Gladstone's project. aillenpy, Cavan, Ossory Meath, Clonmel, Limerick, 2n an the Bill. At Cavan the resolutions were moved Hirubterian and Metbodist ministers, At the Navan mituble, and it was considered desirabie to make the - terms that could be secured, and, instead of wastate 11 emp attentiom upon the invect useful obacenrate revry: ta. bitatm some remamable modilieation

 Tond O'Neilt, Lord Cole, and tho leading landed gentry THister. Five thousund ertisans were in tha body of the meeting. The resolutiong were of the most unmornd and W. Johnston, M.P., seconded the following molation, whioh was carried by acolamation: - "Thunt Trinan Great Britain and Ireland so long as the ntamational compact is respected and held inviolable othe British Parliament, but should the 5th article ac the Treaty of Union, wher is expressed fole dill bo forced to regard tire union as virtually
Cabdinal Collen and Thk Frgegasons.Cowinat Cullen, in a pastoral issued in Dublin yester who morning, pronounces that Masonic ball to be given to H. H.H. Pribee Arthur in Dublin shall be excommunicated. The atrempt to Bribe a Lord-Lieutrnant,

Downing, a gentleman residing in the county mas prosecuted at the recent assizes for sending y. II a litter to Eord Fermoy, lord-lieutenatht of to the Commission of the Peace. He pleaded Guilty, and expressed great regret for his indiscretion. Mr finterms of great severity on the serious oharscter of theoffence, and sald it would have been his duty to 1. thenne the prioner to a long term of imprisonment
n: wodi ina datserous to bus health. Under these ?ish ae thought the ends of justioe would be

Iffe Fexili Convicta' Sund. - On Sunday $\rightarrow$ on Curk, Mayor O'sullivis, the trewsurer of fond, attending mass in fall robee, aocompanied by ce civic oflicars.
Murder in Tipperary.-On Wednesday night a myner named Topham, residing at Boffant, within 13 whe foumel, was shot dead on his own harm. The \%ends in the head. No particulara have been roceived.
htripred Assassination In Kizlabingy.-A it ble esterupt has been made to assassinate The 1 wis tifice of the Reeks, in his domain at Kilarney. vir. Ferforated with sluge but he himself was un$\mathbb{H}_{0}$ is but .17 years of age. No arrests have

## Scotlanty.

Ifed Stanley at Glabgow.-On Thurday afterHi Rectar nf the University of Glasgow, was instasiled nice in the City Hall, and, in the presence of the $r$ inarst his inaugural address. In the conrse of his In mative iordship said that in affording facilities to Inverare y poor men to obtain knowledge and to try x, ide set the Euchish a pood example, and one G, he insisted to the the importance of acquiring ascurate habits of thought and expression. t thined the value of olassical training if rationfandiliarity with into to such an extent as to a mequire a muere smatterins of Latin and - sonsidernd a sheer waste of timp In ueurral Whit the haglusess. The student should only and master that completely. The address T not was warmiy applauded. In the evening in ate bundulut in the College Hall.


 and amsuutunis for that lady in the misceution of Hadame paring ber oung, de. Maintiff now clatmed 1601 , So, for ber
 Henry Seporn wan indletod. The Skefleht Chuld W :
his houso, and heard lilm siny to his wife, "Gon and sec what I

 the child's throst with and rakor, sud doath must have been instautaneous. The esidence of one doctor pent to abow that log irom a tomporary dornigoment of mind, the that of
noother went to ghow that ho was now sane. Baran Cleasloy
 dutained during ber Majesty's plenaure.

## Eporting.



## Obituarp.

GEvalbat wati Morodar, C.B., of tho Madras Infantry, died

 fill, in has 91st ycar. He retired frous the Ertin cight or nine tinuing to reaide in the very heart of it. Some time ago he made a prosent to St. Paul'a Cathedral of a stained glase Window, which wis plac lover the westarn entrance olling of the
 witnessed the coremony, and has nover since lort has house. Nature contrnenced more raplaly to decay, and he gradualy aank. He wren fur manly yea
of the Statiuners' ( minpany.
Mr, Charifo CinPER, Chairman of the Victoria and South arnpton Dueks Compunees, died recuntly at Upton, Easex, in his 47th year, from oxhanation following a severe atack
diarrhces. He wiss the architect of his own fortume. Hu came to London first as goods manager of the Graat Eastern Railway, in which position he proved so uscinl that he was speenhly tho Victorka Docks he was selected by the lessees, on account of uis commercial knowledge, to be their general manager, and
 amalgamation of the Lendon Duck Complantes, which was chiety bronght about of chairman of the smitbampton onck Company, i




At the selatral election of I8G5 he cuatesters of tho Government-Lord Larence Paget and Mr. in the follo-rugessen. He returned. At his death ant the in the following spring in the Fictoris and Southampton Dockn, and mamy in






## ftarkets.






 nonotto, Cyalamone, Toups, Crocuren, calin sothiopich, cy tisus recemosh, Lily of the Falley, Furlisina, Viuletk, Rinllfuw ura, Palty Romes Bpitnat faponion, and Citmerarian and Pelargo hivans, whe By mor ple
 Lomons, per line. is te Crintin
2ABLES.

 lee $i_{1}$ Mr di, 1N tubis Carrota, por bunch, ©d to 10 d
Cauliflowers, Cornish, p. doe Celery, to bund., Is ed to 25 oc
 Endive, por dos, 1 n od to In Garlic and slanilote, per 1b. 8 Sd
Herbe, por bunch, 2 d to 4 d Herbe, por bunch, 20, to ta 1.ttucen, po moort, in to 2t od

- Fromel Cos, bd to 10 d osech Trniky, Ire lmzicl, sil to ed Poan, groen, P. phan, 2s to 2a ed 180m to 150 s Fuked da, 120 n to 100 s - new, id to le od $\boldsymbol{p}$, lo, Spinach, per bushel, कo to s. Turnipe, P. buack, bil tu $\times 1$

POTA TOA, Soutiswant, Monday, March 29 Thring itue pust week tho arrivall havo boen plontiful holiday, trade was hoavy et tho end of tho weok, quotatloms -

 Whitua, tom to bio

$$
\text { EAY,-Per Looud of } 30 \text { Trusisof. }
$$

| EAY.-Per Lood of 30 Trusema |  |
| :---: | :---: |
| Beat Groen Ingy - | Clover, old . ..115stol28s |
| Prime Meadow Hay 10 5atol15 | Inferior do. .. .. 90100 |
| Inferiot do. .. .. 90100 | Prime new |
| New do. | Inferior do. |
| Straw .. .. .. 32 38 | Cenarlex |



## Frush butter, is, si, to is. th protis

ㄲNOLE WOUL
We hive had a quifot holiday markot, but whth the excop-
 F'LEECES-Bouthdown hoggets
hlalif-bred ditho
hent Flecesen
hent Flecees
Sonta-Cluthing
Combly
ditth

Holywell Max,

HOPS.-BorOCGE MAREES, April 2
Messrs. Fattenden \& Smith report a more active demand 11 decintions, rather dearer

There are n few more Beasts than on Monday last; the



 Cormties.


The number of Bemts is rather linger than on Thurgday
tions no pretty geverally realiked．The number of Sheep and cloarance cannot be effected，yet choicest descriptions are not much lower Calves are menrco and dear Our foreiga nupply consiata of 209 Beasts， 5220 Sheep，and 76 Calvos．

Best 8 sots，Herc－
fords $\& 8$
Heat Shurthorns 5
2 d quality Beasts 3 Best Dill
Hawns
Hreds
Beasts， 840 ；Slecp and Lamber， 10,$470 ;{ }^{\text {Callves，}} 78$ ；Pigs， 40 ，
METROPOLITAN MEAT MARKET，－April
Best Fresh Butter


MARKiLANE．－Movpay，March $\because 9$.
There was a small supply of t．ngisish Whent to this morlt

 and in some instancessas alight advance was establibhed．Thero was no change in Flour．

## Whicte per mperil quarter． <br> WпEat，Essex，Keut，suffolk．White 14 ， <br> 二 Talavera <br> Forcign：

Barler，grind．ddist．37ato38s Cher． $48=51$ Malting
－Forcign．．．grininling and distilling $20-26$ Malting
Oata，Essex and Sulfulk
 Bzask Mazagan．．38sto 403．Tick 42－43 Harrow． Forelgn，．．．．．．T．．．．Small 38－43 Egyptian Pras，Whito，Ensox，and Kent．．Butlers $40-43$ Sinfoik Maize

Forciga ．．．．．．．．．．．．．．．per barrel．23－37．Per sacl Friday，April 2
The extreme dulness in the grain trade throughout the reduction in the prices of wheat than experienced for some timo past，has at list ceased，and after a very partial responies to the decliwe quoted in london，the country marketa have taken the lead，and we have now to report a recavery of 2 ．
por qr．on Eng libh，and les．jer qu．on foreikn Wheat，from the however，be deserbred as generalssion．The tive，trode and the adranot， only reluctastly complied with，businesa betng limited to pus remained a Alows eaze at abuut former rates，Maizo and

 if $1-\mathrm{c}$ cargees，of which，mith theso left orer from last week， tricio has been stoady thronighuut the fringight．Arrised What war in fair den and and an itmprovericht of fs to 2 s limited on arcolnt of the short strppliek．Mnize commanded more inquired after，and ad manced ba，to 1 s ．per qra pre pice more inquired aitcr，and adranced 1 shipment thero wha nothing dolng In A Aizc a large businesa
 aigher Pishs，April 1 ．- There was at tendency to inaprove－
ment in Wheat and Flour．The eight marks are guoted at equal to 34s．per 2801 lb ．The atock at the Halle is estimated The arrivals of all descriptions of grain during the week ing＇s nuarket，and the Iittle English Wheat fresh up was tuken at Monday＇s prices，upon which terme a llmited ampount of business was itapascted in 1
at the quotations of that day．

Arrivalas frou March 27 to April 2，botin incletelik．

|  | Wheat． | Barley． | Oata． | Flour |
| :---: | :---: | :---: | :---: | :---: |
| English ． <br> Irish | $410 \mathrm{grs}$ | $820 \text { qre. }$ | 二 qre． | －bka． |
| Toreigt |  |  |  |  |



Chrapool，Tuasday，March 30，－At to day＇s market we nmount of business whs transected，at an improvernent of 4 d ．
 Indinn Corm was in tmproved request，at figurea ranging Oatmeal is beld for bd．per qr．advance．Benns in goo requeat，and 1a．per qu．dearer

|  | Wheat． | Barleg． | Oats |
| :---: | :---: | :---: | :---: |
| Fob． 20 | $5)^{\text {P }} 3 \mathrm{~d}$ | 178 |  |
|  | 49 | ${ }_{46} 8$ | 28 28 |
| － 13 | 4810 | 45 | 27 |
| 20 |  |  |  |
|  |  | 4.3 |  |
| ivorage | 48 | 45 |  |
| SEED MARIET |  |  |  |
| 0 gricultural seed trade has been rather quiet during the |  |  |  |
| lant fow daye，owing partly to the wet ind unsenial w |  |  |  |
| ues of all dencriptions，have nerverthetess continued steady， |  |  |  |
| ast buefines has been done has been transacted at hast |  |  |  |
|  |  |  |  |
|  |  |  |  |
|  |  |  |  |
| re bntt very firm，higher |  |  |  |
|  |  |  |  |
|  |  |  |  |

doar．We have an improved inquiry for Engligh Rape teed，
Canary seed sella more freely nad Hemp Beod we note 18 ．

 leff on the other sidde．Sping Tares are in good request，on
gon，ewhit taster terms．Fimported hainfoin sced we have

 V ANTED，for the Provinre，of Wellingtou，Ne，
 WANTEIS，a NORKNNG GAKIDENER－－A GOO


 W ANTED，a YOUNG MAN，who has been acrustomed
 W ANTED，a GAMEKEEPEL（Siogle－handed）．

 W ANTEV，\＆SHOPMAN－a，an APPKENTICE，


## WANT PLACES．－Letters to be Post Paid．

 WXPERIENCED GAIDENERS（or as GARDENER To Gardeners and Bailiffe（Head，Foremen，or Under）． JAMES CAR＇TER AND CU．having many applications Hil tend NAME，ADDREY And COPIES of TESTHAONALS ADy Lady or ferititeman requir po fapdeners or BAILIFFS
 $\mathrm{MH}_{\text {R．WMr．PaUl begs to announce that he har made }}$
 GTy Gardeners and Under Gaxdeners．
DMF．CLTMLSH ADH SUN hee to state that they
 boted－Iltabrate virperies Lon
GARUENER（HEAD）－Age 20 ，martied，no meum

（TARDENER（HEAD）．－Age 36，married，no moum－

（TARENELR（Hrad）－Age 30，married，no incum－

To Noblemen and Centiemen．
CarDENER（MRAD），where good general prartical
 （YARDENEL（HRAD），－Age 3I，very succesaful in Witegoord Laundress，tr regivired．－©anorvir，West Retford Rectory，
（YARDEAFK（HFiD），二Ake 31 ，married，no incum：

（t ARDENER（HEAD），Age 32 ，single，fully compe－

（YARDENER（ELEAD）．－Married，two children；

G $A$ BrDENER（HRAD），Foung，married，no incuic－
 （ $X_{\text {AKA }}$ server at（Head）－－Sinkle； 11 years＇experience


GAKDENER（HEAD），－Age 30，a thoroughly respect－
 G ARDENER Institute，Boose street，Lee，Keat，¢．E．
（HEAD）．Aqe 29 ；thoroughly under－



 Inctincen，to Mr B．B．Ag
Holloway，London，f．
（ A experience io Flower，Frut，aud Kitchen Gars prantical




C ARDENER（HFAD）－－Age 36.


$C_{\text {sinde．unterstanta }}^{\text {ARDENEL }}$

 CTirlifiner（HEl3），Workiwn＇－ （Y ARUENER（HEAD，WORKINC）－MATrned in $2=$

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ap the place，Conarncter frotn present atid prenows emat
（1 ARDEAER（HFAD），where one or two mb


C，tion for B young Man．mhom
CT Ledge of Plant and Friti Growne forgh pratuc purposes，also Forolny sud Pleasure and Kitebem Gy
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（TARLEENER（UNDRR）．－Age 20；unad to Ouw cbaracter－\}. II, Post Omice, 3rilford, Dear codian win



$I^{A}$ FOREALAN，SE CHILIARD





FOREMAN


## Forchag and the fiole tin Gel

PROPAGATOR or FOREMAN
Hooded Amanteas．Coodr refferncees．
PRUPAGATOR，
Propagator，
To Nurserymen


BUDDER and To Nurserymen．
B tanke tho Mand GikiFI

TO Noblemen and Landed Proprietors． $\substack{\begin{subarray}{c}{\text { the } \\ \text { Firs }} }} \\{\hline} \end{subarray}$
A GENTLEABAN，




（YROM，or UNDER GARDENER Or bo

## Garoentrg' © hrontíle femginaper. <br> GATCRDAF, APRIL 10, 1869

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WOWLER'S PATENT STRAM PLOUGH Agriculeural County in Englind

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The ibort are Net, for Canh, syd as suah olanot be
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Tre Corrr.--On Snturdor rom
ccompanied by Priace Leopo 1 ani p accompanied by Priace Leopo 1 ani afternoon. Prince Arthur held ales Palace on behalf of her Majestr S. Cardwell arrived at the Castle service in the prwate chapel Williams, rector of Hedsor, preached Mouday the Queen went out Princess Beatrice. On Tuesdar mor ancompanied by Princess Lnuisa, Pr Princess Beatrice, left Win the Great Western Railway to Padis thence to Burkingham Palace, esconted Prince George, Princess Louisa, and Pr Windsor. In the afternoon tale Secretary of State for Forecun in and presented Hassan Pad son Egypt, to her Ma_estr
visited St. Bartholonew'
Market, in Smithfield P Tower of London. In tho Prince Lena went to Drury Laue Theatre morning the Queen drove out mith Beatrice visited the Yolytechatc Iosut afternoon the Queen, accompanted bs ? vinted the studios of Mr. Ahoray rol Theed, and afterwards pristed count (ilcichen at St. James's Palace. Prineas the exlibition of the pantinge of the 1. Thomas, On dhurs lay mo out with frinecos beatric hold a Drawime lloom at Batemnturo about ${ }^{2} 0$ ladics were ${ }^{\text {P }}$
 arrival at Con-tantmople, huitera with magn.ficent hospetaty Hishtwence were to leav their journey homemar
Priver Antrita h
Buckingham Palare, on behalf or Lee . London on Siunday for Ireland, where 1 that ho will stay for a montil. The ferred upon his royal figlanes Iepold
 consenuence of the indisposition of Pria
The (quegen's brizthdat. -The dsy Majesty's commaud, been changed May 29 , to W ednesday, June 2
ARRIVAL OF THE NAFAB OP BESGL ness syud Munsoor All Nama Behar, aud Orissa, priace ile Meerza Bahadoor; Colonel Layari Mr. W". D) Fox, private secretaryt Meer Heer Ali Hassan, and Mirz' Bahar at the Alevandra Hotel, Hy de Pari Tife Caimati-A Cabsuet Counc Tuesday at the oflicial rew lean ha Treasury in Dornimg pabry called a meeting of the C'onservat. at the resilence
Terrace on Munday next, far the purnar On the amendments

Tre Pphrage - The Qucen has d panity bo Baron of the Lotal light Hon. Sir James Plan-te! Court of Probiate and Dis. Penzance, of Penzance, in the coul
Enthronement of tee mision The enthronement of Thr. dral, with the usual colemnitises. Chourch of Scotlane. Lord High Commissioner of in Belhaven.
Experimeittal SQuapmone-a isting of the Agincourh yun nal. Nase Hector, iron-olads; of two-l Royal George, woden from the Reserve, will leeve Portiand


## T!n Rusen tias diresient tetrars

wholas been alpointed to sime.e. Sos $\%$ anand. will take the title rrede fasor. The new Jimhop ohd entirmations during the prexent
 bs mav to bis digeese, will visit south he aill hold a series of confirmations commer ety the l'roparation of the Gospel, f enduwing a bishoprio in Madagasear Elfctiny Petitions. - The Brecon penime of the Court sesterday the case for
inember was abandoned Baron Martim decided that the clectinn was rouit
Mr. Gwy was not porsonally guilt Mr, Gwyn was not personally gulty
mhantines; costs to follow the reanalt. petition will be hard at Vorlington 3inat Mr Cunliffe will be heard before
13 achburn on tho 27th inst and the oon amunst Sir F , Lacon will be heard e judie on the llth May. The scrutiny rhinure petitions have been filed, and a more than 3000 names, the trial
of diny nout threp weeks The recond
 t.t.on aranst Lord Henry Scott, have beea

## JForstgr.

usce-It is asserted that the general elections

probablytake place on the a3rd of May. In the Legislative Body, on Friday, the budget at intend to make a financial speerh, bu ct sir examined the situation of Franen tai bet six years, and stated that undeniable mentioning as exumples that Ital been rade, mentioning as exumples that r arts, and that liberty of the Preas had been of tit nany denirable reforms still remaned Alter having pointed out the liberal that if these liberties were hot,emily minn between the Government and the
esiscere, for men of good sense did not $y$ tol a mero question of dynasty, which of individuals MI. Rouher, the Minister of pry, referrel to advice given by M. Thiers the mantenance of peace, and saic
$t$ sary to the development of cirilowition, koy ariant emdeavonry to a

## nent.

bemp distirlbe

142
Wh. Saturday 31. Jules Favre delivered retwm of the Press, nor freedom at elections Trelled on behalf of the Government, and in resignation of explanations respecting In the sitting of Monday M. Garnier Pa the Minster of Finance, said:-
Pan of M 'Grnier Pakes are a philosophical tren. hithition has sell aibly itsproted, and
fromes forwari iys the oppositiun will tako frans from the ruvenue. The Enpern
the taxea, but the necessity, of placing the
Nhes of his heart. prevailed, and arrested and that which is founde istupon rason; the
on thas Brently cheerod, and the general dre Orban, the Belgas Prime Minister, arrived on Friday, and had an jnterview with the Minister, the Marquis de Lavalette Frere-Orban had an interview with and Cunstitation are modifications pmmanst journals also pemblish sembons of the rumours which lave growing reserve in the relations
and Prussian Governments been given for warlike preparations at rolat ve to paper denies that an exchange Pano and lias taken place between the a Frabeo-Italian treaty of alliance is adatron Fiscount de Coloune, chief Editor a fiue of farat for having discussed the
in an article published in his paner about to be married to the Duke de
Portuguese Minister in Madrid has






 Constitution was commenced. Senor Sinn hez luan spoke arainst several of its provisions as bning on the draught of the Constitution was resumed by Senor Castelit, who deliverel a apeerl. condemmone d In the sittine of Thursday the Cortes tonk anto cons deration a propnaition of hemor Orense to grant ine suftrage to all citizens after their twentieth year. Tu debate upon the Constitution was contunued withou any notabie incident occurring. In the course of the Week Sebor Figuerola will present the Buduet for $14 \% 0$, toms larafl The rument that Varalal Nirran ans Admiral Topete mended to rempli in motradictad frontier and ments of troops have becin sent to the frontier by way of precaution aganst a ('arlist movement
Portcoal-The liritinh squadron left the Tagus on Wednesday on a five days' armise.
Dencark - Herr rou lanalor
DENMARK-Herr Fou liaskloff, the Minister of Was is on his way back from Washankton, but it 18 not yet known Whether his nesatiations fir the fale of the
Danish West Indian Islan ls to the I'nited States bave Danish West Indian Islan ls to the I'nite
SwIT /ERI AXD.-The North German Conferleration in a note of the 31st ult, have nformed the Swims Federal Council that the Condederation have dectded upon promoting the St, Gothard line of ratlway
Holeand. - The First Chamber agreed on Saiurday to the Bill approving the modifications of the convention relative to the navipation of the Rline, and on
Vednesday adopted, by at votes to 12 , the Bill for Wednesday adopted, by 24 votes to
abolishing the newspaper stsmp duty
Beluity - Tho reports rereived from Paris assert hat an agrement wil! probably be arrived at by the wo Governments on the luases whach have been lnid down by diplomatic negotiations, and without the necessity for a muxed Commissions. Tho (irand d)ucal Government of Luxembourg has exprewed a demre to
be represented at tho mixed Commossion, if it shou?


 nicatoon with IIolland woul i be aqairer!
Al'armis.- line semior of Aushran Generals, Iaron served in the campsiens of 1811 sind 1813 . And vad afterwards charged with the military oducation of the sons of the Archduke Charles.
IrtLr - The report of the committee on the budget evenize for 184; has been distributed amous the
 bre, This mmount is realuced by the comratite to $099,1,2,619$ lire, beang still an inerea-e of tighinh ist that the srist tex will produce, in $1869,80,000,000$ lire or $3.000,000$ less than the estimate of the $\Delta$ inister of Finance. Tho committee antrrpate an imerease 1,200000 lire in the recenpts from the reshitration tax $1,000,004$ lire in tobaceo revenue, and $-1,100,(101)$ tho revenue deriverd from salt. The entimuterd total defert for 1 sis is $71,710,411$ lire. A report has been issued of the progress of the works for the Lont Cenis Ratway up to Mareh 31. The leaght of tunnel excavatod is 952 m metres, there remaining still fig' metres. The king bas contered upon the Ausrian (aeneral wring the collar of the dider of St. Maurice and St. Lazarts, asd has presented him with a Mulendud Finglinh maro from the lonal stables. Genera! Mreing lass also boen entertaned by General Menabrea, Ninister of Foreign Affars, at a grand bançuet at which all the Gonreign and Cabinet Nentisters were present. The Gencral ent forence on Gedorn to Treste, ncompanied by Gemeral Sonnaz, Whom the king has sent on a sjecersh miselon to the Emperor of Auntria w th the collar of the (orilir of the Gomunaata, It susud that the king expreswed to Imperial Court, an that the Empter lirancis Ioumb whll probably return this visit during tho cothing summor The Grand Duke Tladimir of liussia collar of Eng Victor Emmanuel on Friday the Rorve the Anounziata, and lelt on Saturday for railway, the King trill leave for Naples as soon as thed The Venice jouranls announce the death in that city of M. Dresschok, the celebrated pianist. He was born in 1818 , at zack, in 13ohemia, and had (or several yeara Suicic at St. Petersburg.
Papil Statps -The Congregation of the Index has Lavem ${ }^{\prime}$ Connt Mamiamis work on National the reoent "Iretter of Mr. Fouthes to Archbinhon Manoing," and the joumbl "Fmancipatore Cattolien" GRFFCR-The King and fuoen left Athens on the summer months.
TCRKEP.-The Sultan went in great state to the Mosque of St. Sophas on Friday. The Prince and Priacess of Wiales, attended by their suite, witnessed the procession from the Sultan's kiosk Their Lloyal






 ameded at the Jmbsosy, ond aftern ard par it a that



 Me fritish Embas.y, at whach the shan an lan the Fas a splendad succosa, On Wednesday thesr Ruyal fighnesses aud the Sultan visited the opers in atate. On Mondey the Pramen was prewnt at an Einglish



 Constantimaple on lizadar next. it $1 s$ doubtful Bhether they will pay a bait to (Jdessit hir Andrew Burchanan, tha Emplish A mhasablor at St Petershurk, and lady Buedanan bave arrived at (ou-lantinoplo bs aceampany then linyal Ilighaesom on thar visit to been made in aive a muzulieent reenplan to their Rotal Hoghmesses.

## 

 mado of an attempit to 'ass 3 sabme the tharoy An explosive machane with a powder trabi, lealing tos the dour and attached to a tube to the fis pire wis fonind under the seat of the Ficercgal box in the theatrent Caro. The Feeroy whs apprined of the jrojected attempt on hislife, ami stayed aผay. The perpetrators are unimown, but neveral personir hive beremarrested on ations of the Forem Ministers and Lisptian functonarses on Laf manalie





 ontain accounts of a somewhat violent meatiac of the newly-arrived Australian diggers at Durban. They demanded Government protection and interforence, Findehouse The shay Jasort, which had bepen towed aft by her Majesty'A slap Ran on from sroundang near
 1 he sijp Adele, from bremen, with enas for Aracan, was burnt at san on the 2 the of Joeentaber. One boat, With the cajtam, three paswengeri, and ive of tho crew, Was 14 dsys at sea Five were pirked up wrthout Fater and little food by tho ship Frelerick, from Manalla, avd were carried into Nital. 'The fate of the boats, is not known.
l'BHSJ.-The T'urkwsh and lersian Goveraments have agreed to submit the settlement of the frontier question to a mixed

1xDIA - The Ameer of Afthanistan left ITmbrlle on Saturday, and Lord Majo beft on Mondav, intending to arrive at Simla on the soth inst. The flecroy's Council has dectded not to make a neronal treaty with Shere 1 li, or to send a British resident to Cahul. The spirit of the foverument's ? miry is unchancel.
I'sited States.- It is stated on good authority that Mr. John Lothron Motley, lata Mesister nt Vifnna, and author of the "Irstory of the Diten Renumbe.
 poted hos recall by ten irrinz liw ros, smition in
 fla e Aet has befil hencil os the The apmontment $f$ onereas will adjourn e-day of Custom Urleans has been confirmed by the Senate. The Republicsas have carried Connecticut, electint Mr Jowell governor, and the entire State ticket, by majority of bove have eloot Mr. Padd!eford govermor, and have urceeded in roturniug a miajority of the Inegrlature. By extansive fires in the shafts of three slver mines in extensive Wednesisy lhst the lives of 30 miners in Nevada lost. Prince Louis of Bourbon, eldest son were lost. d'Aquila, and cousin of the ex-King of Naples, was married on the 20th ult, at Jew Fork, to Naples, was Imelia Isabel Hamil, in American bemuty from Miss Amelia Isabel Hamil, sh American bemuty wom the Havana. The Printe's father had refuced lis avsent rom Paris. o the marriab, fled, the Archbistiop refused to permit is celebration Prinee Lounsoman (atholic authoritiea there also interand as the coment the marriage, he detarmined upon ivll marrage, which took nlace before J thtice brage a Jeffermon Market Police Court in accordunce with American law.
CHici - A great fire has taken place in Valparaiso
'THE GARDEXERS' CHRONICLE AND AGRICYLTURAL GAZETTE.

Whereby the places of businpss of ceveral Geriman
merciants were destroyed. No details have been
rectived.

## Barlament.

The House of Lords reassembled on Monday after the Euster recess. The Dukp of Souerset referred to
the recent proceedings of English missionaries and the recent proceedings of English missionaries and gunboats in the island of Formos?, and said hat hendon Missionary Society had disavowed all connection with the missionaries in question. The Earl of
Clarendon stated that the Government, white admitClarendon stated that the Government, white admit-
ting the skill and gallantry of the naval oflicers, constdered that they had shown a want of judgment,
and the money they had exacted as oompensation and the money they had exacted as oompensation
had consequently been restored to the Chinese authorities. With regard to the Vice-Consul, on whose
requisition the naval officers hnd acted, his conduct had been so highly reprelensible that he had been recalled in a despatch which would, he hoped, exercise a salutary effect on the whole consular service, and be a warning to them agannst wantonly undertaking military operations SHafrgsbury hoped that the missionary societies would take to heart the advice of the Foreign Secretary, to act with prudence. In answer to Lord CHELMSFORD, out Lord Chakcellor said that he introduce in the present session a Mull founded unon the report of the Marriage Lavy Commission, On Tuesday, on the Lord Romildy complained of the severity of section 10 wheli was, he said liable to the charge of being class legislation The Earl of KiMbebley was unable to concur in Lord Romilis s objections, which struck at supecsted that the wording of the clause should be altered so as to require the prisoner on being brought before the magistrate to prove that he was not getting by the Marquis of Sabisacery and Earl Grby the clause, as amended by Lord Cairns, was agreed
to. On the provisions and beerbouses frequented by suspecterd persans stolen goods, Farl GRED receiving-houses for favour of still greater stringency, which the Marquis
of Salisbory, on the other hand, deprecated as unjust to innocent proprietors. After some rewarks by the Lard of Hambrowby, the Duke of Clibyeland, and adopting hastily, new principle of Houso acainst proposed amendment was rejected. The report was then agreed to. On Thursdgy Lord RedesDaLe gave notice that on Monday he should ask the Government the Coronation Oath. On the thred reading of the Common Law Courts (Ireland) Bill, Lord CetnetCapme moved anendmentn relatarg to the practice in
Judten Clanabers Lord Dre rimin and the Lord CHANCELLOR opposed the amendments, which wero withdrawn. The bill was then read a third time. In PERDOIN described the present state of turret-ship bulding in the navy, and said that he feared those vessels would be uncomfortable, and would make seaconship of little use in war; but, if other nations in answer to the Earl of Dalion'sie, Earl Granvili said that the Hudson's Bay Company had that day afreed to the proposal of the Government for the Amansforence of their territory in British North America to the Canadian Government. Earl Russeli, peerages; with the restriction tliat not more than 28 and eers should at the same time sit in the House single year The House was left sitting.

In the Commons on Friday on the vole for the expenses of the Admiralty Office, a long discussion of the Admiralts. Mr. ConRy, lord IM. LeNNox, Sir J. Elphinsrone, and Lord J. Hay objected to
these changes; Mr Chirders, Mr Liddel, Alderman Letsa, and Mr. CiNoLisH defended them. On the vote for the Dockyards, a long discuscon took placee
on the shipbuilding programne of the year. Mr. Chimpers defended his proposal to build at once two of going to all parts of the world. Mr. Corsy noved the two turret-ships, be omitted from the vote, contendcertan to endinfulure. Admiral Eexs turret-ships wand Admiral
 a divisun the memdment Crasiguard Service Rey 123 to 41 . The votes for the and Scientific Branches, were agreed to. On Monday, on the mation for the serond reading of the Bank ruptcy Bill, Mr. Jessel, Mr. Gregory, Mr. Serjeant Simon, and other legal members, criticised the Bitl at some lenpth, and sugzested various amendments. Mr. S. Morler, Aldernibn Lusk, and Mr. Anderson, on behalf of the commercial inteMrests, spoke warmly in favour of the Bill, white the Bill was not strong enough, and suggested that it should be withdrawn, and another, not needing 80 much amendment, be brouzhtin. The Attorner consideration to eppery promised to give a candid ment of the Bill in Committee. The Bill was then read a second time. On the Thotion for the
serond reading of the Imprisonment for Debt Bull, the
clause which
court judges the power to imprison for debt was West, and Mr. M.MaHos, and supported by Mr. Rathione and Mr. Nobwood, the latter objecting in toto to the abolition of imprisnament or debt as the Bia in its present form. The ATTORNEI General said that the county court judges were al of opnion that the Courts could not be worke without this power, and that the labouribs
clases would get no credit without it, II would not, however, press tho clauso if the eneral opinion in Committee were against ite of Supply, the remaining votes of the Navy Estimntcs were arreed to. A debate of somo length ensued on the Court of Common Pleas (County Palatine of Lancaster) Bill, which stood for Committee and ultimately its further progress was postponed until the Report of the Judicaturo Commission has been presented. On Tuesday Captain Azchdall gave notice that on move that it bo extended to England aud Scotland. Mr.
diency of reducing the rates of Inland Postage printed matter to one balfpenny for two The motion was seconded by Mr. Mundelis Who stated that circuars cond be carried more cheaply from Italy to the Highlands than from one part of London to the other. The Marquis of Hart ington said that the adoption of the resolution would entail an immediate loss of more than $300,000 l$. a year and there was reason to fear that it would seriously interfere with the punctual and rapid delivery of letters. The Post Office required time to consider the matier, and be therefore hoped that the motion would not be pressed. Mr. Grafes declined to withdraw his motion, whereupon the CHANCRLO of tho some dis cussion the previous question was carried on a division by 229 to 62, so that Mr. Graves' motion was not put. Mr. Headlam moved a resolution that the House should agree to, and recommend for the consideration of the Government, the report of the Select Committee of last year on IHouse of Commons arrangements, the main feature of which was to erect an entirely now chamber in the "Commons Court," which hes on the astern side of the present chamber, and to conver the latter into a vestibule or lobby for members, at an Lord J. Manners, Mr. Bfresford Hope, Mr. Tyte, Mr. Layard, and Mr. Walter supported the motion, and condemned as utterly futile gny attermpt to tinker up the present House, Mr. HUNT, Lord Elcho,
Colonel
French, and Mr. Dodson thought that no Colonel FRENCH, and Mr. DoDson thought that no new building ought to be commenced until further the suggestion of Mr. Gladstone the motion was withdrawn Mr. SHERLD AN moved his annual resolution for the reduction of the Fire Insurance Juty
from 1s, fid, to $6 d$. per cent. The Criancellor of the EXCHEQCER refused to discuss the question on the eve of producing his Budget, and on thestionion of Mr Gladstone the debate was adjourned for a week. On Wednesday Mr. M'MaHos moved the second reading of the Poor Law (Ireland) Bill, the object of which was to extend to Ireland the principle of union chargeabrlity applied to England in 180. Mr. Beuen moved, as an amendment, that the Bill be rend a second time hy Mr. Kxioftr, Lord C. Hamletos, and Mr. Kavanagii. Mr. Sinan suggested that the subject Fohtescre, on belialf of the Government, and M. 11. IBeari and Mr. Magurae, supported this by the arrival of the hour for adjournment, and he motion for second reading thus became dropped order. The Life Insurance Companies
 H. were read a hhird time and passed. Mr. H. Sueridan obtained leave to bring in a Bill for the periodical inspection of steam boilers. On Thursday
the House resolved itself into Committee of Ways and the House resolved itself into Committee of Ways and Means, and the Chancelior of the Excheql.er the accounts for the Abyssinian expedition, he said that the revenue of last year had fallen short of Mr. Ward Hunt's estimate by 558,0002 , consumed by the poor, such as tea, coffee, sugar, and tobacco, while the consumption of articles used by the rich, such as wine and brandy, had all risen.
 at fir, 2,3 nonl., which as compared with the exprnwhich, he said. was chefly
heroic efforts of Mr. Childera and Nirig to the There would therefore be a surplus of 4 fsum there would have been a surplus of $4,632,000 \mathrm{l}$. but for the cost of the Abyssinian War, and this, he said, which $4,600,000$ l. had still to be met. The surplus therefore, of the coming year would be about absorbed by the amount due and voted for the dbyssinian War, at least there would be the surplus of 32,000 ? the finnnces in a condition of mere equilibrium with an unalastic in a condition of mere equilibrium with case by alterations in : and he proposed to meet the he public finances might be placed on a sounder ooting. At present the Land and Assessed Taxes efice collected
at least $100,000 \mathrm{l}$. a year might be strel proposed to convert most of the Dog-tax, and to make thesec
begmoning of each year, inste sort of Parlismentary magic a disp sort of Parlamentary magic a
$3,300,000$ l., with the only drambel quarter of the year fatter than another Budget was expressed the tea duty was agreed
rens expedient to amond the lam Bill was read a second time
chielly debated, and various surge improving tine measure in commit Forster promising a falr cons dent amendments. Yesterday, in answer Mr. Brt ce said that instructions ard Naturalisution Commussion, and able to lay it oll the tabie
session. Mr. Fawcett mored a recolu appointments to the civil sid dpllito opposed the motion. The House m elty Inteligence. Monet Market, Fridit, - Bertic to 938 for Account;


United States
Erie, 24 to 212.
ATetropolis and ith fim

begnning of each year, instend of
in Outoher and April. They would
prospective assessment made prospective assessment made everg d next, and actually paid in aloo, that the Land Tax, the Inhats the and the Incotne Tax should
ment, and at the beginoing system would come into operatio (no collection being made of ment); and he caloulated that Exchequer 600,000l. of the Exo
the Land Tax and Assessed T the Income-tax-in all $3,350,000 \mathrm{l}$ put the Grpus of revenue orer expen $3,350,000 \mathrm{l}$. In disposing of this windid was the first duty of the Government 1 pound. He next proposed per quarter on foreign Wheat and counting to $900,0 \% 07$. , and to of tho froposed to abolish from Mrd raise the duty on armorial bearinga to raise the duty on armorial bearings to on reduce the duty on male servants
two-wheeled carriares to a similar horse all exceptional taxes on loconio taxes on omnibuses and stage-wo reduce the duty on horses, irres 21s. to 10 s . ofd. each; to reduce politan cabs from $19 l$.
on hausoms to 3\%.3s. on the form the latter: to abolish altogether th
horses, and the license for retailag duty on coreiga bressed beer: and to make the tax Scotland payable by the tenant-farm shions would amount in the agre Deducting therefore 2910 owol for $3,350,0001$, and then adding surplus, after providing for thysin would be $442,000 \mathrm{l}$. The Goverame the result of their financial abhen to effect a great administrative relorm collecting a portion of the revenue, and 4 4
4
4
sefore the the Income-tax, reducing it from horse-dealers' license from $2=l$ to $l^{-1}$ taxes on omnibuses and stage-

年ed beer: and to make the hax on as would amount in the aggregate th ogural stevue,
Hjesty then

## nem Blackfriars Bridge, and

## Hu h. gham Palace.

encon Robinson has placed his resignation a, with whom rests the sppointment
as 30 NDAY QUESTION.-On Monday deputations NetionalSunday League and from the East-cnd
on waited upon the Right Hon. H . A. Bruce at ome Office, and presented addresses from different bops in favour of opening museums on Sundays, Hat In Fremasons ${ }^{\text {an }}$ Tavern in favour of the same In reply, the Home Secretary said that it was a) ben severely oriticised for his vote, and he
al a martyr to it, having been adverin rquelue as a person unfit to represent a Allituency. He had no hesitation, however, nit that but the question was one which must be d by a Government apart from any individual wers the opinions of his colleggues. It must he tee had to consider the national feeling and thin what the opinions of the majority were. For fle did not believe that the opening of museums . ti re ligion, but he thought that muoh misarsen in this country in consequence of lous feelingis. INo did not sa
noce, but the way in which the Sund relgious red ought to be docided by the national will reful consideration of the Government. The dion baving withdrawn, another deputation nterview to present a memorial in favour of ing of such places on Sundays. The depu Which consisted of more than 100 working men, MP; Mr. M'Arthur, M.P.; and Mr. Ghardle condisted of some of the most respectable of the working classes, who entertained and equally btrong reasons and apened on ey should be opened on week-day evenings for sho could not ection of that part of the working tonclasion, he observed that the same argumente was applied equally to the opening of thestres ithe one, it was to be feared, would be the necesansequence of the ofher. Mr. Hill, the
assocation, then read the memorisl,
th that at the present time most of the preat wation works of art were virtually sealed from ne that who were deprived of the oppor ar most earuestly desired. It referred to the fact thn dufferent industrial oxhibitions held in and 63 , the large majority were evening
isting of the respeotable artisans who paid admision after their day's work was over Fis ted the Kensington of the same class of persons desired thay situation. But while the large desired that these places of intellectual resor to thair being opened on Sundays, inasmuch as beir religious interfere with their rest from he moral welfare of the country. Mr. Kay been sent by the Society of Arts to repor in Paris Industrial Exhibition, said that the Paris on the part of the working classes was Mr. C. Reed, M.P., said he had had a great deal of working classes, and he felt sure that of the people desired rest on Sundays, and Lad had a great deal to do wilh his fellowd he could spank positively that their said that he should be misleading the Le entertamed the same opinion as of the contrary, he had voted for the
ditish Muselm on Sundays, and he mape would sow not see that the seeds of evil. He could tharm it could do. Kewt, Chiswick, phaces were open, and had been open
nd be knew of no evil resulting from to the same argument, in his opinion, applied
museums. It was, however, a question a man tuch as some men looked upon it as
He could nat out with his chldren on Sun He could not see how religion would be theatres were concerned, he, in common with a
of the people of Englund, should object
Government, and not for an oxpression
niews ; and, as a member of the Grovern-
might say that he believed the feeling was to
would be the last man in the world to offer any opposition. He had no doubt whatever that Government
would ace in accordanoe with that feeling. Another deputation, consisting of alarge number of gentlemen who are anxious to secure the due observ-
ance of Suaday, then hat an merriew with ance of Suuday, then hand an interseew with
the right hon centleman on the cubject of
the Bill of Mr. Thomas Huehes now before Parlument. The Hon. A
deputation, said the Bull was likele, in the cyent of it-
being passed in us prewent shape, in create a pood deal of invidious foling. The Home Secretary said they
all knew what the feoling of the people of Scotland was, but this was a matter wheld dealt w
alone, and legistation was to be considered with refer ence to those to whom it was intended to apply. The
Bill now before Parliament was mainly one of detal, and would have to be considered in cornmittee. A present Sunday trading was a great evil, and the law was openly violated, so that he thought any measure
would be useful whioh would tend to mitigate the ervil and to save as much as possible out of the general wreck. He thought some eflort ought to bo mado in that direction, and it was on that ground that he authorsed a member of the Government not to object as would tend to promote the sanctity of Sunday the Government would support, but would oppose the res EXPRRIMFATS AT SHOEBURYNESB.-The first of a new elass of rifled artillery, s-ton 9 -inoh rifled manze throwing shetis of 20010. Weidnt, and comrried on Friday at Shooburyness The practice as regards accuracy of vertical fire wes very satisfactory, but it was found that as preat sensitireyess is necessary burst on ercuzion fuze impact, some further moollfieation of them will be necessary. A few days previously tho Lin-pounder American smooth-bore gun was fired
aganst the Plymouth casemate, the Finglish shot proving quite equal, and, indeed, somethiny superior to the American splerical projectiles The vibration of the blows of these heavy shot produced such faking of the iron armour as would tend rapinity the disintecration of even this tuick stracture for th 8-ton Fone insws muas also further tested with 18 ound of 400 -pounder shat fired with 60 Ib, charge and endured the trial perfectls.
Phofosrd Stater in the City to the Prince Comsort.-At a recent meetine of the court of on a future day he will move that the sum statue of the Prinee Consort, as the "City memoria of his Royal Highness,
Orange Demonbteation against the Ibish Civerir Billi, -A demonstration of the Protestants and Orangemen of London, in defence of the Iribh Church, and apainst the proposed endowment to Hall Was well filled by members of the Orange Society, dressed in full regalia, while the body of the hall was bnut in thrtic alla a large proportion of the adie the Loyal Orange Institution of Great Britam," took he chair, and "as received with repeated rounds of "Kentish fire." The Rev. C. Tayard, inc.umbent of Wembley, moved the first resilation, deriaring that hie Irish Church Buin the House of Lords to repect the ion, and caling upon hic Fnuse of incumbent So Matthew's, Marylebone, seconded the resolution, which was carried with loud cheering. Two other resolutions condemnator of the propnsed grant of 38,2001 , out of the spoils of the Irish Church, and denouncing the release of the Fenian prisoners, were supnorted by Mr Charlev, M.P, Mr. B. Mason, Mr. Bull, Mr. Peters A petition to the House of Lords, calling on them to reject the Bill, and a memorial to her Majesty, asking her not to sanction the measure, were adopter,
Grep, wher Ho ordered the chaing on visitors andis! This is caloulated to effect a saving of about $600 \%$ per annum, by reducing the number of the police emplosed from 17 to 7.
The St. alban's Rituar Casp-The lepal charge in this case have heen agrecri, upon between bee accepted and paid of $1,500 \mathrm{l}$. in full satisfaction of the expenses of the promoter.
Extraordinary Fog in Lompon.-On Thursday morning London was for several hours enveloped is a dense fog, equal in density, indeed, to anything eve seen in the proverbisily foggy month or November Between eleven and iwelve ail the darkness wa as intense as at mianight. All trafic was suspende both in the City sad at repered, and Loudon was relieved from the black pall with, which it had been
overspread.
Proposed Emigration from the East-emd--A public meeting was held a fer days since at the Mill
wall Ironworks, Mr. Frederick Young in the chair, for the purpose of promoting the emigration on mem ployed artisans and labourersed the opinion that the Government should be at once urged to give the subject its earnest consideration. The second resolution urged the working classes throughout the country egpecially in the distressed districts, to organise emigra tion committees or the purpose of difusink informa A petition to the Queen was adopted, embodying the spirit of the resolutions.

Juvenile Emigration.-Mis Ryo is about to try the experimeat of deportiog the itreet Arabs of Loondon States. The Liverpool Workhouse Commitlee has already decided to entertain har proposal to take all their orphan girls on their supplying eech girl with 8 . newos nheh hat attended the labours of Mr Van Meter. who states hat be his rearued anm chaldren from the slums of Sow lork, and has eisen them a with a party of children for the West about August. The last consignment of trout, to the number of 5000 was turned into the Thames on Saturday in various parts of the river from Sunbury to Hampton Court oy Mr. Ponder, in thames Anslizt Presencration Society. The fish were in very fine condition, end though only a yeat old, showed a remarkable growth many o them measuring from 6 inches to 12 inclas in length Owing to the foods which reoenily inandated nursery stream at sunburs, it is calculsted thal Unortu10,000 were carried 5 way by the overfow. and whan they were caught numbers of the young trout were anarpedion mano
archisamor Manning and the Fenlans.-The Englash Amnesty Committee havias applied to Dr Manning for permission to leave for signature et the
doors of the pro-csthedral in Moorfields the memorial doors of the pro-cathedral in Moorfields the memoria Fenians still in prison, the Archbishop has returned tho following answer to the Committee -"It is no possible to allow the Catholer clazeches to be used any hut relignus purpmes. The ( ntholic Church beink at least 20 nations are united in it cannot enter into any nutional questions. Any polstical or other petition BuTifar Geegn Boan
minala of Guledians.-In the Bio arve puardias of the one of the candidatea for the Weat Ward the name of Miss Burdett Coutts, as the owner of a large amoun of property in the pariah, including the model lodgins houses in Columbia Square, and the new Columbia Market she las recently orected.
Charge af Emblzafyient in thr City.-A warrant has been issued by the enty magistrates for the in the offire of the (ireat Central Gas Company, in Coleman Street, on the charer of embezzing severa thoumand jomils. A reward of conle. has been offered-
shatl lead to lus apprehenolon, and a further sum of
100t. on recovery of the money embeztel. He absoonded upwards of three weeks ago, and has hitherto end House Teddington, where he has lived in a style of great extravagance. He has been in the mervice of the Great Central Gas Company for several years. His salary at the time of his disappearanoe was uader 4000. per annum. His establishment at Teddinglon, however, was of an almost princely character. The house, furnished in the pleasure-groun built a massive river-wall. He hind also a larne
kitchen marden and a model farm He was building extensive stabling fitted with all modern applance kept two pairs of carriages, bine horses, and several ponies, and his family carriage and brougham were th most elegant in the neighbouriood. The domesti character of the establishment There were elght samale servants, five pardeners, a groom, a coachmab and under conchman; the housebold expenses requiring which than 2000t. a year. Ne Mratur, , whic pian quarte 155 guineas, and was reparded as the greatest bargoin of tho sale. Mr. Higrs' personal taates and habits ware the enry too, and his weekly musical parties were attended by the most celebrated artistes, who were sumptuously entertanned and sent to london by special his espenditure. On three orrasions he cave roncerts at the Clarence Intel, Teddincton, at which the thares were marvels of artstic beaut the entire proceeds being deyoted to the bulding o new schols On one occasion an insolvent received cheque for 1802., with which he effected a composition with his creditors. On another occasion a man who boiler in Mr. Higge house was established in busines; with 30nl. To the Free Church of England, st Ted dington, which, however, Mr. Higgs nerer attended, he presantion ef 2000 l , towards a new structure. On the morning of his disappearance there were 80 men omployed upona new mansion which was in course of erection on land he was to have purchased at a cost of pletod, although the buildings were in proaress The manaiou the brick and stone Fror 18,500l., and the contractors sheds and out buildinga motually ereoted upon the ground cost 5002 Mr ireeholder was infnrmed on the Tursday before culty and delay in the purchase and completion of the reehold in consequence of the trustees of Higes' wife having failed to meet their engagements. It eppears
that he ascounted to his wife and friende for this $/$ opened on Saturday, and after identifcation of the
extraordiunry expenditure by anyine that he had bodies, to allow of their burial on Suaday the proceed extraordiunry expenditure by saying that he had
reoeived a lekgey of $90,000 \mathrm{l}$, from a relative For seseral days before leaving he was making preparation $\begin{aligned} & \text { for his }\end{aligned}$ departure On Friday afternooon, the 5 th ult, he entered the Waterloo train as usual, but instead of alighting at Twickenhann, proceeded to Reading, thence to liverpool, and that night went on board a steamer
for Ameries. He has left behind him a wife and eight for America. He has left behind him a wife and eight source whence all the comforts and luxuries of their source Whence all
The Peblic Healti. - The weekly return of the Registrar-General states that in the week that ended on Saturday, April 8,4923 births and 3796 deaths were
registered in London and in 13 other large towns of registered in London and in 13 other large towns of 30 per 1000 persong living, beine 27 per 10 On in in London, 38 in Edinburgh, 33 in Dublin, ${ }^{29}$ in Bristol, 20 in Birmingham, 84 in Liverpool., 3210 Manchester,
30 in Salford, 33 in Sheflield, 29 in Bradford, 27 in Leeds, 27 in Hull, 83 in Newcastle-upon-Tyne. The rata in Vienna was 3.4. per 1000 during the week
ending the 27 th ult., and in Berlin 30 per 1000 during the seven days ending the 1 18t inst. In London the
births of 1133 boyss and 1187 girls, in all 8810 ohildren, were registered in the week. In the oorresponding weeks of 10 years 1859-68, the average number, correoted for inoreanse of population, was 2840. The doaths registered in London during the week were 1670 . It was the 18 th woek of the year, and the average number of deaths for that week, correeted for increase of population, was 1630. The present return is therefore 40 above the estimated amount.

## 73robincial.

Nopwich.-The magistrates' olerk in this city has received a letter from Brighton, nurporting to have of whose murder he has been convicted, with some anonymous letters respeoting a porson called WorselLone with whom she is said to have eloped and lived in London after the alleged date of the murder. The posed to initiate any action in the matter, but the convict's solicitor is making inquiries on the subjeet.
The High Sheriff has fixed Monday, the 19th inst. for the execution. Application was made yesterday for a writ of error in the case, the Attorney-General having granted the necessary fiat. The grounds on which the application was made were that the jury which tried the case was not properly empanelled, and that the trial took place in the Court-house of the countr, while it ought to have been held in the Guildhall of the city. A raemorial, praying for a commutation of the sentence, Aigned by between 200 and 300 of the leading inhabitants or No
Nutringmak. -The colliery of Messrs. Eastwood at Skeyby, near this torin, was innondated on Friday night, the night shift-a smaller number than was usually employed-were startled by a sudden irruption of Water, which rose so rapididy that before they could remaining three only succeeded in escaping when the water, which is supposed to have penctrated from some Was caused by the burrting through from some old and unused workings.
Pobtsmouth.-The Seoretary of State for War has approved of the proposed volunteer review on the the Admiralty in granting permission for the military and naval forc
PRESTON.-On Wednesday, at a large meeting of the associsted masters, which lasted three hours, it wa resolved to adopt a proposition from the spimners and aninders, suggesting a reduction of 5 per cent. round in the wages of those connected with both fine and coarse counts ; and also to adopt a proposition from the teavers in favour of a 5 per cont. reduction. to refer the "wheel dividend "system to a joint come miktee, but resolved to make an alteration in the system amounting to am additional reduction of $8 \frac{1}{3}$ per cent. The first proposition was carriad by a very cent. reduction; the second proposition was carried of weavers the resolution of an immense meoting changing the wheel system of the moseasters as to to opanmously decided to strike
SUDBDET.-A Bhooking anase of starvation was re of a woman bromed to light in this town. The dead bodies of a woman nymed Reajy, ased zt, and her daughter aned Cross strect. 1 he younger woman had cottage been dead is hours, and the elder three weeks. The place was in a wretched and dilapidated condition, destitute of firmiture and of all traces of food or fuel The body of the mother presented the sppearance of a skeleton merely covered with skin. It lay naked on the floor of the upper room, with a sort of coverlid thrown over it, and had apparontlybeen "laid out" after death. No doubt was entertained that the unfortunate women were starved to death, but as it was possible adjourned to allow of a post-mortemon, the inquest was Friday last the medical men reported that they had death was sturvation and exposiure to aol the asuse of returned s verdiof in actondanos with this eold. The jury willoart-The inquest on the bodies of the colli killed by the recent explosion in the Highbrook pit was


## Frelano.

Prinog Abthur in Ibeland,--Prince Arthur arrived in Kingstown on Monday morning, At half. past 11 the Lord-Lieutenant and suite wert on board
the yacht, and the Kiagstown Commissioners presented the yacht, and the Kingstown Commissioners presented
na address. At $120^{\circ}$ olock a special train conveyed his an address. At 12 o'clock a speciat train conveyed his
Royal Highoess to Dublin. At Westland Row an address Fas presented by the Corporation of Dublin. The Prinee received a respectitul weloome from the citizens and prooeded along the northern line of quays to the
Viceregal Lodge in Phocnix Park. On Tuesday roorning the Prince, accoupanied by the Lord-Lieu-
tenant and a brilliant party left town for Punches tenant and a brilliant party left town for Punches-
town, to witness the races. His Rogal Highnoess was own, to witness the races. His Royal Highuess was terminus, and by the orowd there assembled. He was also warmly received on the Course. The weather however, was unfavourable, the rain falling in torrents and the attendance was not so large as last year. In the evening Cardinal Cullen was among the guests at
the Vicerearal Lodge. On Wednesddy the Prince the Vicerezal Lodge. On Wednesday the Prince again went to Punehestown, accompanied by the Lord agaun unpropitious, the Irain falling without cessation during the whole day. On Thursday the Prince and the Vicerexal party drove to Carton, and had luncheon with the Duke of Leinster. They afterwards visited Maynooth College, where the Prince was presented with ass address. On their return to town
Highness visited the Royal Hibernian School.
thes Irise Chubcr.-The Diocesan Conferenoes terminated on Friday. The last of the series were held at Neanagb, Mullingar, Waterford, Armagh, Cavan, and Mr. Gladstone's Bill and renudiating all ideancompromise were agreed to. On Tuesday a meeting Protastants of all denominations in the County of Monaghan was held in the Assembly Roome of the county town, and was attended by 2,000 persons. Resolutions simailar to those adopled at the meeting of Resolutions similar to those adopted at the meeting of panied by a declaration that the meeting will continue paned uphold the legislative union so lonas as the international oompaot is respected and held inviolable by nhe Britizh Parliament; but, should the fifth article of the Treaty of Union-which is exprossed to be of tene Treaty of Unio
coscontial, fundamental,
ther
they niv be forced to repard the Thion as virtually will be opened in the Ancient Cousert Rooms, Dublin, on Thesday next, the 13 th inst. The repre-
sentatives of the several diococes have now been elected sentatives of the several diocoses have now been elected,
and the list is said to contain the names of the leading Churchmen in the country.
Sulolde of Captan Midonald.-On Monday afternoon Captain M'Donald, who was one of the candidates at the last election for the Queen's County, but did not go to the poll, committed suioide at his residence in Kingstown, by cutting his throat.
The late A8sabinition in Tippebaby. - The jury, at the inquest on Mr. Toppin, returned a verdict that he was wifrutly murdered at Buffana by some person or parsons unknown on the night of Marcol 31. No arrest has yet beal made, and the cause of the assassination is not known, but Mr. Toppin is belie to have had a dispute somé time sinoe about land.
ATMEMPT TO MURDER A BAMLIFE,-Mr. Jeremigh Kelly, a respectable farmer, land bailiff over the Kerry estate of the Board of Trinity College, wras fired at on Saturiay when riding home from the town of Caherciveen, but escaped without injury.
COMMITTAL ROR been committed by the Bench at Tralee for trial at the next assizes, on the oharge of inviting two Boldiers of the $81 s t$ Regiment to take the Fenian oath and join the conspiracy.

## Scotianio

Lopd Stantigy in scouzansd. - On Priday night Iord Stanley Frap entertained at a publio banquet in to the toast of his health, Lord Stanlay adverted to the foreigu relations of the country, and said :-
course in fough it ware not onesy to foresee what would be the gloomy prugnowticationtis 1.2 .1 leen made, he looked forward In the ovent of pence baing disturberd, he confidently antionpated that this country would be able to maintain a neutral Lu- נwned thore hat been of fithure in our megotiations, but he anfirs. He thought that, in spite of the miow of the btate of
af city glory the
 great not think they could wish to inerease their dificulties by
didting getting into fremh quarrels. Groat Breasain had offered to stibs country unmalatakably in the right
On Saturday, in acknowledging an address preeontad

Conservative Associatio
on the Irish Churoh :-
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doep hald on the eoantint tuas mitit


## 解aflmayg.

Compmation Casbs.-At the Leeds Assizes on Willembly. M. Trumble, paper-stainer in that town, n. M I in an accident on the Midand Ralway in 10.th April lavt.. At the recent
 data on the Sberzele catastronhe, jonl daruages
ano T. Londmu and North-Westeral Company. It tho Liverponl Assizes Mr. Heary Cole Silk, the
 - aspany for thie mujuries he recoived in the collision.

## 31 相

## 15. :




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 - Th whan, and the Jory ret.arned a werdet of f
## finiscellancous. <br>  ansphtion in Southern A frica, stating that he has wapmaed a very important journey, although he 5. ane nithtared great dangers. He started northwards ir mit at Inyat on the 18 th Optober, having explored i ans. Which have never been traversed by tiris point he intenda to penetrate truxarls as far an the point he <br> Qbituard. <br>  the whadow of his apartment at Lyous Hou Bis lordship gurvived only for an luour.


 Edwurd Lawless, thind Beron Cloncurty of Cloncurry, county
Ktidare, in the peorage of Ireland, sad Buron Cloncurty in the Gorn fn 1816, and married in 183s tho naly doughter of Mr John Kirwau, of Cuthlo R Ficket, county Galway by whom he louth of his father, ton 1835 , and fo now suoceeded by his oldeat



 Hecse fo m congrastion of the hrain.
the daughtor of tho Countesi of Antrim, and mariod in 1890 ee Rev. Horaco Robert Fecich, Clumoollior of Brecol and
 $\mathrm{He}_{\mathrm{e}}$ har boon curate of Trowbrldge Wilt minoo 2808, and niarmed in 1855 the daughtar oferr. Henry
THE How Kis. DE Ropos, sitore of the fourth Lord garsWillinilly. Sho was bora in 1835, and marrted in iRS Mr. William Hatfold do Roden

 Down and Comnor and Dromore, and was born In Buryton,
Hanta, in 1807 , and was consoquontly nearly of yeara of

 Proteatant meoting waa held in Fillaborough, he was appofiteen






 Old Nowton, neat stourmarket. Whicl he held until 1815 , when
he was nominated by the Firl of Shafteeblury to the rectory of Hiaton Martell, Dulsetplifre. Ho was the author of "Ap

Nuir. Micharl D. Hassard, who was M.P. for Watertord from 1856 to 1800 , and has ninco been ono of the "paid refersos",
the House of Corumons, died a ferm daya sinco premonturely,
 Ever ilinco he entered Parliment in 1850 , he has worked hari







 It Relisa mastern, and on hif return to Elutherch at anco ersayed with succeess the highost ntyle of $\mathrm{f}_{\text {s are }}$ ure frantitug. Fir correct drawing and five colouring he wht Ron ackbowletged to bave very fow equala nuong scottishartins. Heveral of hii picturer gained great disutinetion the Promotion of the Fino Arts For his two soryptural piocerse of wio gs, at west minater Hall.

## fatarkets.

COVENT GARDEN - AFCll 10 . from the open
We have but a abort supply of produce from the open tho demand, but bufknesa remaina unusuall dull. Cucura bers are very plentiful. Alpadira Graper are mather shortixuw, nnil realise from ls. to sa. per pound. Tre chitetly consist of Orehas, Mignowette, Cyclamens, Calle sthhopich, Cytirut macemona, Lay witho jumotice, Ctmerarias and Pelargontume,

Fidelt.
Apples, por buikel, 50 to 103 Poers, per doz., 128
 Lemone, per 100, ta to

Oranges, per 100 , 4 to to 124 Malons, exach, en to to

VEGETABLES Artichokeq, green, p, doz. Asto6 Beans, Kidnay, p. 100,
Beot, per dom, 18 to 2 s
 Carroth, pers buych, 6 d to 10 d
Cauliflower, Cornish, p . doz, Celery, p. buiud, Is fid to $I_{s}$ bd




HAY.- P 'r 1 land if 36 Trissea.
 Minkt, per bunch, te to 6 d d Mushruons, p, pottis, lu8d to
Onions, per buaheh, \&s to 128 parsley, per bunch, td to 8 d Peas, grean, p. pun, 25 to 2 Bd Flukes do 1008 Se.alalu, p. pumn. on to pold punach, per bushel to se Luruishos, p ilizz, la to la 0 d

PotaTOB. - Bootawask, Mooday, April s. modorate, nad mure plantiful by rifl, wat ouring to Euntur in Yoliaky time tho tryio win dull at wo following quotations



LeAdenhall pollitry, de

Fresh Butter 18. 2d. to le sd. per "b.
There has been a mudernte amount of business of wit
 at atin wool are decitedly fat
Chrent Pricta or Esclisid woo
 Is,From-Munthdown hagects

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Cowpen Herlley, COALA, -Aprail Maln, 1GA. Md. When Jartley, 15a. 3d. Wrils Find Wharnalifio, 15as, Walle End

 ins : Brancelpeth Cunnol, 18o. Sd.-8hipe at markot, 4t N 1131

Hol's, - Bohovire Manket, April
Mosorm. Pattenden \& Smith roport tho market in a very haalthy dtate, with a Hmitod supply of the bast dencriptionis, which command rather higher rator

METROPOLITAN CATTI $R$ MĀHLI:T.
Fe lave rether a largo supply of both Engitish and forcign


 Our foreign mupply y condeltay of 2026 Beante, 9550850 ajh and 15 ; from Norfolle and 8uflollo, 1300 ; mad 410 from the 1 (id

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Bent Tlomur and
and
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 lanated, and linces aro lawir, with meveral luta remanme





Do. Shorn
alges
Beasta, 1000 ; Sheep and LamLe, 6940 ; Calres, 250 , Jigbs 30 METROIOLITAN MFAT MARKET.-ApIfl 10.
Beat Fresh Butter
168. per dowen lh
16 s .


## MARE LANE.-Monday, April

The mapply of Weat from lasex and kent to this tinn ogh market whas ntiath, Miliere wore unwiling puschaser. a to sone eale it was necesbary tus day ac'unugut. Tl of
 Fan in retail onls, at a reduction of is per yr. un lisst Monnlay a
 difficult of cat


 - Forvigan . grinding and distilling, 20-26, Malting




## 2d ditto Forergu

Pripar, April 9.
The adranca in the viluo of wheet throughout the kingdom aponted last Friday ceneed ohlelly by purchases by millera lug beun quiskly lust in the chytivit in il hatruts, numg to, for initenos), whare forsign arrivals wore forced ou the
marigot, oven

## THF G.IRDEXERS' CHRONICLE AND AGRICLLTURAL GAZETTT



## The Garoenerg' efromicle sebopaper.

SATCHILAY, APRIL 1ヶ, 1869.
Q[ARTERLT REVIEW, No. 252
EKSAM ABIEGIN
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\% Mthnar, A bomarle Streot, W



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W LATHER LOKE, A Collectoton of nill tho Proverbs,
Ataes and ku ere ragnecting the Wather of she Hntliah


Woris on Botany, by Dr. Lndley
CCHOOL BOTANY
Lates limanhad. Sboume in Ong Yolumot, Tro, half boand, with top ROTANICAL D ESCRIPTIYE BOTANY, ORT Tha ABT OF MEDICAL and ECONOMICAl. BOTANY; or An



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 Beaphert - Efaks, \& C $n, 11$, Hourecio street, EiC

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 For the Best Practival Information OA LAELNG DOWN NEW OT IMPROVING OLD GRASS LANDS Р L R M A N Contrits - Ihow io Pref are the Lhod if w to to the Labo-







Dr. Indiey'a Theory of Eorticulture.
TIIE TIIEOIRY nad FRACTICR of JOHTICLITURE; or an Attonyt to explatn the chef (yinerations of tandening


#### Abstract

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## JOHN WARNER \& SONS,

 HYDRAULIC SHETENGINERS,

8, CRESCENT, CRIPPLEGATE, LONDON, E.C.





OHAIN PUMP FOR LIQCID MANCRE.

WARNERE' CRYSTAL PALACE FIRE ENGINE, or PORTABLE TORCE PUN:
Price on Barrow, with Branch Pipe, Spreader, Unions, and Suction Rose, 56 1 -in. 2 -ply. Rubber 8 Buction Pipe, per foot, $2 \pi .2 d$; $1 \neq$-in. ditto Delivery Hoee, $12.4 d$.


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No. 5791.
SW I N G

## WATER BARROW.

Drawing and Estumatcs for Wind Ergines, Wrawing and Estmatrs for Winn Engines, Water Whecls, and Hy draulic Machanery of
es ery description for Steim, Horee, or Handcoury description for Ste.lm, Horee, or Hand--
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1K0. 42. PORTABLE PUMP With Improved Valves for Liguid Manure, Ex2 $^{2}$ las. 2-inch Flexible Rubber 15 ft . langths, per foot, 2 s .5 d .


WARNERS' AQUAJECT mithor avery vartoty of purpose-in in Gardens, Consermitorles, tice: 419 Price, complete arst, \&c £1 100 $\begin{array}{llll} & 14 & 0 & \text { Srice, complete size fur the ham } \\ 3 & 19 & 0\end{array}$ $219 \quad 0 \quad$ as an ordinary Syringe 0150


THE New Methou of ghowing frutr br ihe



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Postponkment of the Qreen s Jutbinet ro Fere to hnve left Windsor Castle yesterday for week. All the arrangements for the contemplated visit were in progress on Thursday, but the orders for
the departure were countermanded at the last noment, in consequence of the ill health of Priuce Leopold, for Osborne about Monday or Tuesday next.
The Cockr at Winisor, - The Queen and the noon for Windsor. Prince Leopold left London at an early hour, and travelled to Wiadsor by road. Prince Albert Viotor, Prince George, Princess Louiba, and Prinoess Victoria of Wales also left Buckingham Malace for Windsor, provious to the departure of her Russell arrived at tho Castle on a visit. On Sunday morning the Queen, Prince and Princess Christian, and the Princesses a attended Divine service in the private chapel. The Rev Dr. Monsell, vicar of Egham, preached the sermon. On Monday the Queen Russell and Lady Agatia Russell left the Castle. On Tuesday the Queen, accompanied by Princess Beatrice, drove to Bagshot Park, and visited Sir James Clark. The Duke and Duchess of Marlborough, and Lady Rosamond Spencer Churchill, arrived at the Castle on a pisit. On W Wdnesday morning the Queen,
with the Princesses, drove in the grounds, and visited Prince and Princess Christian at Frogmore House, Earl and Countess de Grey and Ripon arrived on visit. The Duke and Duchess of Marlborough and
Lady Rosamond Spencer Ctarchill left the Castle. In the afternoon the Queen held a Council. Earl de Grey and Ripon, the Duke of Argyll, and the Lord Chamberlain had audiences of the Queen. Mr. Michael Costa, was introduced by the Lord Chamberlain and received the honour of knighthood. On
Thursday morning the Queen went out with the Princesses Lornisa and Beatrice.

Ther Illness of Pbince Leopold.-On Saturday moraing some improvement having taken place in the health of Prince Leopold, whose indisposition prevented the return of her Majesty and the Royal family to Windsor on Frulay, it was arranged the Prince shoul
cordition, that $b$
as quietly as possiblo to Windsor. I'he I'rince lias o lato been subject to an alarming hemorrhake, which comes on suddenly, and leaves him in a prostrate concare, attention, and repose. In these circumstances his Royal Highness left Buokingham Palace on Saturday morning in advance of the Queen, and travelled in Parriage by road to Windsor. On his arrival at the Palace the Prince was placed on an extemporised couoh, and carried to his apartment.
THE DUEE OF GENOA (Prince Thomas of Savoy) has just entered at Harrow School. While there he
will be in the family of Mr. Matthew Arnold, who is residing at Harrow. The young Prince brings no suite with him of any kind, but will be at liberty on Sundays a attend Roman Catholie service in London.
Thr Cabiner-- A Cabinet Council was held on aturday in Downing Street.
The Conservative Party.-On Mouday afternoon a numerous raeeting of the Conservative members the Earl on Lonsdale on Carlton House Terrace. The meeting was convened by a circular from Mr. Disrael, posed in Committee on the Irish Churoh Bill." 183 members of the Conservative party were present, inoluding all the members of the late Cabinet, with nddressed at great length by Mr. Disraeli, and lasted for nearly two hours. it was reaolved that numerous impondments should be moved in Committee, the moot preserved as a perpetual inheritance for the Irish olergy, and that all private endowments made between bo rempector
Knightroon. - At the Court hell by the Queen at Windsor on Wedneslay, her Mapesty conferred the composer of "Eli" and "Naman," and for many years the conductor of the Royal Italian Opers.
Trials of Election Petitions.-The trial of the afterwards of which failed to obliterate Mr. Hutton's majority, aithough it reduced 1t from 11 to 6 . Mutton' Justice Wajority, on dhurday, gave judgment that Mr. Irutton had Was proved, and there was no reason to believe that The petition against the costs to follow the result. Weat Yorkaire aint the sitting members for Sunth permission of Baron Martan ; each side to pay its ow costs. The South Durham and the South Hants
petition, "Hurst u, Aldridge," relating to the double return, the respondent intend to oppose the petition. The Irish Court of Common Pleas gave judgment on Thursday that Mr. ground of treating
The 13tdget.-The payments which will havo to be made in respect of assessed taxes and licence duties, Exchequer, as follows, after-1869-April 5, last payment of Tncome-tax, Land-tax, and Houce-duty for parment of assessed taxes on 1868-69. 1870.- Jin. 1, Income-tax on schedules $A, B, 1)$, for financial year
1509.0 ; ditto on schedules C and E , prid by deduction in each quarter of the fiscal year; Jan. 1 , pyyment
of Jandetax and Houso-duty for 1869-70; Jan. 1 , licence duties for articles to be lept in the year ending the 3Ist of December, 1870; April b, payment of second
moiety of the assessed taxes on 1868-69. 1871.-Jan. 1, same parments as January, 18
The Experimentat Squadrons -Mr. Childers and Sir Sydney Imares will go with the reserve fleet in
the Agincourt, flying tho Admiralty flag, and when they leave, the lleet will be commanded by RearAdmiral Key. Rear-Admiral Hornby will be second in command, hoisting his flag in the Duncan. The
flying squadron will leave England about the 10th of Jying squadron will leave England about the lo phobe from the West Indies, and will thence proceed to Rio de Janeiro and the Cape of Good Hope which it will leave about the end of September for Melbourne and Sydney, visiting New Zealand about the middle of Island at the and of apan in March, Honolulu, Tahiti, Val paraiso, and the Falkland Tslands, so as to reach England by the middle of October of aext year.
The Judicature Comurssion.-The first report published a proposal for the consolidation of all the Courts, both e divid equity, into one Supreme Court, when will divisions. It will also propose that pleadings be simplified, and official referees attached to the various courts as soientific assessors, following the recomThe Home Circuit is condernned, and the remodelling Appeal is to be constituted, to take the place of the Exchequer Chamber, Privy Council, and Chancery Appeal Courts. All the recommendations of the House of Commons ${ }^{3}$ Committee of last year on common and speoial juries are adopted.

## fForetgur.

France.-The Journal Oflciel of Thesday contains the following letter from the Emperor to M. Rouher, in reference to the centenary of Napoleon
hrandred y ears shlwe the Ermperor Nap-leon was born thurnas
that Iug time plenty of ruins havo been made, but the great figure of Napuleon hns ramained up-standing. It atill gurdes Brate the centenary of tho birtl of the man who called France pirtues upon which enpires aro founded, is to mo a macred duty, in which the wholo country will willingly assist According to my views, the best manuer of honouring thi national jubitee is to increass a little the well-benog of to old
corvpanions in arms of the Emperor. The 2,700, 000 . which
 thought that the Bunk of Deposits could bo charge asaifuing to ft the credift tollowrd by the Chanaber the ndvances By that means elfectuat ald would be given to those unfortumato but glorious men without in any was
modifying the Budget. 1 desire that from the 15th of Auguat nest all soldiers or the Republic and the First Empire should doubt not, will recelve this propoaition with the mitiona sentiments which in so high a dogree animato of. It will
reflect with mo that at an epoch in which complaints of the proreflect with mo that at an epoch in which complaints of the pro-
cress of seupticlama are nfe, it is good to recumpense patriotic duvation, and to remind the new generationg of it. To recall - Tond do homarical memorios is to strengthen fuith in the future the most brillifnt manifestations of the Divine wlil I request you to constder the matter with the Minister of Finance and
the Minister of my house in order to prenare a Bill to be sulu mittou withont delay to the Corps Legrishatif after t

In the sitting of the Senate on Friday, Vice-Admiral Count Bouet de Villaumez contended that the French regretted the great Furopsive m, Michel Chevalier held the Sovereigns responsible. M. Rouland refuted 1I. Chevalier's statements, and approved the mensures taken for the defence of France. He said that perfect uneen existed between France and the Fmperor. II is speech was loudly clicered. Marshal Niol sand that of pence. The present budget, as it stands, and the it wat to come in 1870, were both peace budgets, and secure the safety of the country the Government to men drafted for actual service amounted number of March, to 330,000 , whereas formerly it reached as high a figure as 100,000 men. In conclusion, he said that the army could, if circumstances demanded such a step, rapidly pass from a peace to a war footing. The con-
tingent of 100,000 men was then unanimously voted In the siting of men was then unanimously voted. eity of Paris and the Credit Foncier of France, after apeeches from Baron Haussmann, M. Dumas, and M. Rouher, was approved by the House. In the sitting
of the Legislative Body on Saturday, the Marquis de

Lavalette, Minister for Foremon 1 din
questons put by M. Jule Pame
tions of erance tions of france with Tuns, Promen
Greece, said:-


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with the help of dimidghty God "
The Marquis de Lavalette resumed h.s $n$,
great cheering from all parts of the How
Favre arose to express satisfactinn ot tur de tho Minister of Foresg
thanked the Government
to Germany, and recommende
allowed to develop tiself
part of France would sutic
however, it might repair the
three years had brought three years had brougat upp
upon France. In the sitting Mn Monday the discussion Marshal Niel insisted upo

The present military d

to a war footing, without being
tions. Within cight
ailowed to rotirn to
 M. Garnier-Pages, said that th months' furlough soldiers, who wer for exercise, would be
having been inspected. An amend
of 200,000 men on th
All the sections of tho
Alzeria commenced.
menced. M. Dupuy de
menced. M. Dupuy de Lome, Cuuncitor a that the present flect and the suppres is the represent a value and a
The amendment was rejected.
Tuesday publishes a letter from
certain Ministerial combuatio
Spared to join any suth comb consequenco
Fermando of Portugal to accel Triumvirate has been propose
Ficueros, the Republican
has been abandoned, becals
oonsequences would has
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pensier intends to maint
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Aet the Government it it wea true thet Goweral Prim replied in the negative Cherai movement would oertanny be suprrich of the Constitution, "prejudging t, form of toverament, was rejected. The
sgred to, afer replecing the word
and by the word "nation. The direetive the question of the form of govern-
moro opportung fime. Mosrrs.
of Prunl fort, Messrs. Oppeaheim,
 approved by the Cortes The reocatil shortly be announcod.
PY AT The remult o
 it h , communicoting to Yedrid the
Pr Firut (hamber on lirilas ratilel

Are in th teh in the negotiations at Paris
 y, .1r: yuo- will probably dreab up, - day ago to submit to the King nod to the Conthe names of the lBelgian members of the inones jot leave Parts, and consequently was - The the reassembling of the Chnmbers on $x=-$ its. Ier Majeaty's atate has beoome worse : $\quad \cdots$ tinextensive coal works and machinery ith work on Baturday afler recoiving, their A... therthd to scts of violence, which obliged - with the rioters cusued, in which oeveral -anemed, and the troops having been tin What arnoted several of the rioterg, and in the I: comen soldters were wounded on Mondsy An int het aheat bent renewt. Another In Ine n mall distriot of İainsut. The 5.n birean the mulitary and the rioters, in uhi.u int Ooneleo Gotra - Dr. Petermen ta Gomisa, - Dr. Petormans has been
itho English expeditions will lewho a preant year for the Polar region:
af Wedneeday publishes an article prarizing atont innotirial influence upon public

- Weroperke It adds:

 General Bonnaz, the Italian Envay mrived at Vienna on Friday nisht,
preent to the Emperor the Order of tated that Baron Kübeck will Floreace with the Grand Cross of
tef hen for King Victor Emmanuel, thrif: Iden Fleece for Prince Humbert. elections in Hungary have resulted or the Deak party, and the Croa -ession of the Hungerian Diet will The Emperor left Pesth on Sunday
The Duke of Ansta, reportent to be at reanding at Florence. The srincess thees of the Neapolitans, her hova. ir lathly reman in lag les for her con.Curt ball, on the 10 th inst. (ounCindorna has been appointen Itaran P!a kn on Monday, when the Minster of in in strageth of the army at tiz0, (hy) im1 nut are to form the active strength inte. its the army is to be divuled into active Tre catekories-ual mentingent is to to whe for twelve years, nine of which pare sertice howerer will only be Fine scara four under arma and five of ead lior the sawand and thard fikny ambumeal that he womad tis amhtial financual statement on Monday in s.terperiat Whe dinesiay the Prestent the printint tate of the liman queation, Hest, when of lialy withe forevizn pountries, Hemonem replied that he was ready to socept ansion, bat that the present moment whe
 on the Roman question than was a firded br the docu. menta lately published. The formand on the disAfarmer On Thursdey the prime rominitec of che vention and appointed E Fub-commaittee to repart
upors the Gorernment Bifl for the noncluxion of Ricciotti sad Menotti Garibaldi have errivent il
Florence from Mologun
 II - F . carringes, from Ontend the Brindisi, by Wia fiscritathith The rumour that tho Pronch realh it twaps fren fine niner the them in in Which tacludes politial oftene The marnare, doughter of the late King of Y.ples, was colatirate father of the bride. The oeremony wit porformed in Frands performed thole dovotions beforo the tomb of GRS1:
 T.unlu from. 1 .ur:

 Far will join the Hunciran lines in sifula
meat on May 11. Prinoe Charlen is ebout meet on hay 11. Prince Cbaricm in about to Minister of the Interior. Tho Commion Councol of Bucharest has been dissolved on socount of ita revolu tionary atitudo during the elections.
Queen Viciorla, thanking bim for the recestum frotin Qu the Prince and Princes of Wales on that miven Constantinople. The Prince of Wulen whe in minit to Constantinople. The Prince of Walen whe nresent at an Engliah cricket match at Constantinoplo on the Ath
in : An I: Has. in the ovening. On Friday their Royal Highncow pal a watt in thir (Jrand Vazier, and



 1.. Jotr-icum in Hu fis 11 tha has
at her own cost, and the schemo embodying the detail at Constantinople, which has reported in its favour. Constantinople, which bas reporteatcally affrre that the Dule of Ares 11 haa nrdered the withdrawnl of the
 Lar: - of the Abyestman exnediti=s 14 India. The

 of landing the ir roplut stores, ce., endithre in India to ing "p the net thital of expenditare the mida to
 momssariat, anl stores, to usimble the the mant of


## the 10 th ?

natiseas-Sir Cutupeana hare bren attanh ha
 Foochom, lase bmpa suhbmeted to grent persoculons.
Japan. - The Vorthern narty hare taken pmesersion of the Ihland of Sado It is combdered that the late disturlaticte these not heen sn astiefartorily wettled na Wha thought. The Eurofiean ha licen experien whel in A sharp shock of cartl. quake hav licen experien ral in different parts of Japan, $\overline{\text { LiNITBD STATES. The Senate rejected the Alabams }}$ Claims Traaty on Tuesday by a majority of B4 to 1 , and on Thursday ratifed tue Naturazatiou Treat, with Great Britain, bit reje ter hee Martan Canal Treaty. President imm has apporoved M. . Woited ste⿻ En sil. ced Mr laverdy Jolangon at united sitate Mir, ater to frem Britain;Mr. Joh Peangylvania, to be
 to yant, Mr. Horaoe Rublee to be Minister to Mer.or Jatud, Mr. Thomas Nelson to bo Mrul in London, Mr Mr. 1 reeman Morse to Cee conat Southamaton, and Mr. Meredith Reade to be Consul at Paris. The Benate has ennfirmed the appomtments ofo. .ioley Mr. Jay as Ministers to Great Brtan sur cinna The Houre of Rey rementatives on the ath ${ }^{3}$ hasked General Butler's Bilf, authorivngt he Presnemt (k) cub-
 wastitutions framed hy the cmitent.ons of tion States, and, when ratmen, hon har mon
 plomel the 13.11, with an amondment, providsp thet


 this amumiment, ant mow law, On Saturday the Houne
 the P reaident (ul)n, pirnnded Thas resnlution aturned on Saturday to the 7th December next.

lopmez becine atull in 12armevy

CORA - I he Britith mehmener. Jeff Davis with tive
 The caplain and crew were themina into procom at the guand and murdered is the ntreela. The Iritith inlo ornar Itoron has gone to Casharien to inquire Penssoola reoestly have taken eerrice with the ineur
 and Oneate Several filitheterine arpedition are roported to hare landed on the coar of Cuba

## Warlament.

 brought in a Bill to anablo the Cru un to rinis
 or reimutife knu lodese. their molitual rapmerien es
 one your, and
 if it1 plat fienoral or loord Advocske i and nuembert lo.r l" folt. if tho other House of l'arlatacne,
 Lord Cin ith $\rightarrow$ boll fuc bill wa read a firmt timo Farl Grar brought in Bill to emend the Is wh
 in a Bill! for convolldutiag sod amendme the law of
 Dulso of Asarci omeented to postpote the (C $1-$ tho 10th Muy. Tho Balmon Finheriem (Ireland) 13 . and the Raiwhy Companes Meetinga blill. were remexwidd Linte. Stores Bill, the object of which wat vo fo $11 .{ }^{\text {an }}$ rules reppecting tho inacription of the les ar a greater ensantate Admiralty to mell limpe. On Thura day the Farl of Sgaptranuer moved the ecend rading of the Eccienasucal Courh 3il, The object o the diocesan courts; sdmut solicitions to practise on the and a knfe and propar rexter, to rextore to the olenky thefr righte of provoration snd proclamation, and to
 tion. The Arohbikhon of Cartereberey moted the

 ropeliminafs intinirs, an 1 yis init is for it the making o rillm
witht
ortwin

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all wing threo householdarn to orininate a prosect-
Selret (immmiltee The Snimon Pinherios (Iroland)
 mittre, anT tite Ralway Cordmy Barl DF GRIT and RIFOn, in reply to Earl CowPER, nid that the Governiment had receired information from the constll at Bufalo that an infoctions dieone, $\mathrm{hnnwn}^{\text {as }}$ " hng an widely preveleni io the question of emi kration in relation to the present state of pauperism in


 adlumt tel the importance of
In the House of Comunna on Friday Mr. Fatweert mived a resolution that in the opinton of the Hoisse ail appointmenty to the covit and dipimmatic sorrifa
 ment had noit get been able to monesher the ctrestion, but it whas clear that the general adoption of the of mprelitive usatoin minst be prementes hy

 ack "3rm frimit to tho mantive Sikes and Mr busez eupported the in-1. m ans Stanley in nreang Mr. Farredt not to prew the motiou. Mr. Fi fincirt, biowser, fntisted on gorne to divisiot, Hhen the motion. Ferchegatived ito 13 rimitis
Ifr. Byocra idid that be was ready to assont to a belect

Committee to inquire into the condition of Friendly
Societies. The House went into Committee of Supply, Whin Mr. AxPTON moved a vote on account of the Hex taunted the Government with inconsistency in not having disoovered a mode of corrying out Mr. Goldney's motion to make the Inclosure and
Charity Commisions pay their own expenses, which
they had supported and carried in Opposition He shey had supported and carried in Opposition. He Opposition, he had objected to the Government taking retorted that the cardinail point upon which the Opposition last session had resisted the attempt of the Government to take votes on account for more than
six weeks was the circumstance that the Government gix weeks was the circumstance that the Government
stood condenmed by a vote of the Hous of Commons on a question which the late Premier declarod would
be productive of consequences more formidable than
 oluded with an emphatio declaration of his readimess,
at the earliest favouralle opportunity, to renew his
 the door of the Conservative partiy, Mr. DISR1ELI
said that a proper quaction on plain mater of
business was not to be answered by rhetoriogl splean and 2. torrent of taunts. That Mr. Gladstono's charges were
rash and reckless was proved by his evident ignorance rash and reckless was proved by his evident ignorance
that the late Governuent had brought in and, passed a Bill to carry out that part of Mr. Goldney's motion farther remarks the vote was agreed to. The Sea Birde Preservation Bill was read a second time a motion mede by Mr. FogDYCE with the view of omititing division. On Monday Mr. DIBEAREIF gave notice of a series of amandments which he intended to
propose in Committee on the Irish Charoh Bull. The House went into com mittee of Ways and Means on the Budget Resolutions, when a long and desultory disthe abolition of on the first resolution relating to the whole scheme of the Government A variets of suggestions were offered by Mr Corraxce Mr. Mr. Dibrafil, Mr. Crawfohd, Mr. Baring. Mr. J. B. SMiTR, Mr. Noowood, Mr. Read, Mr. HENLEY, making the proposed changes more palatable to those Who may have to pay 12 monthe' taxes in adrance during tie last quarter of the current year. Eventually, the Cravcrlion of the Excheoreb, after hintion at the feailbilty of "filching" from the year $1871-72$ quite said that after consultation with hrs collegeues he was prepared to accept the suggestion of MIr. Ward hunt, thie excibse duties until the Housse ad the country Should have had farther time for ite consideration. duty on corn, he proposed that the Aot should come into force on the tst of June next, Shir S.
NoBTHore ou behalf of the Opositiont accepted
the the prono-rcd arrangement. The whole of the BudRet On the motion for coing int committee of supply on the army estimates, Mr. HANBORY TRACY moved nisation should be adopted for extending the system of military labour upon military works to all stations of her Majesty sarmy. Mr. CARDWELL hoped that the motion would not be pressed The motion having
been withdrawn, the House went into commiltee, and aqred to Heveral of the votes. The Civil Servie Pensions Buill and Sea Birds Pro-
servation Bill were read a third time and passed. servation Bill were read a third time and passed
On Tuesday Mr. MAGTRE, moved an Address for Royal Commission to inquire into the manner in Which the Irish Society administers its property in recormandation of the Royal Commission of $1 \%$ the on the Corporation of Iondon that the Society should be
sbolished should not be carried into effeoct. Mr. Dowse the member for Derry, seconded the motion. Alderman LA WREVCE opposed the motion, on the ground mosidexemplary manner, that it had dedicated a conLondonderry and Coleraine; and that whatever was not only of the muat be a preeedent for the treatment
 dofended the Society. Mr. C. Forxisacus gaid that
there were anomalies and defects in the constitution of
the Society which could not be allope much looger. There was not, however, any necessity ment to consider whether another inquiry previoun to legislation was desirable. He hoped therefore that Mr
 Mr. DEAEE approved the course proposed by the
Government, and Mr MAcripe, on their advice withdrew his motion. Mr. C. HowARD called attention Lord-Lieutenant and Custmen of Colonel Lowther as of Cumberland and Westmoreland, and contended that the appointment went to make the office hereditary in of Lord-Lieutenant and Custosumulated the oftices person, united the lieutenancies of two in oue and was gazetted on the very day the late Government resigned. He concluded by moving an Address to the Mr. DT8EABLI defended the or of the appointment. ceptionable in itself, and contended thent as unexWithin his competence to make it in the interval
succossor. Moreover he had for many montbs before might have filled up the office long before there was
any question of the late Government retiring. After some discussion, Mr. GL ADSTONE admitted that there was a corabination of ciroumstances which at first sight threw sugpicion on the appointment, but Mr.
Disraeli's explanation had entirely removed it. Me advised Mr. Howard, therefore, not to go to a divisisin. The motion was thereupon withdrawn. Mr. MEEL
called attention to the defeots of the present ssstem o collecting agricultural returng, and moved that after this year they be colleoted quinquennially, but on the
motion of Mr. M'LAGAK the debate was adjourned to Friday. On Wednosday Mr. ROsseLk GJRNEY moved the geeond reading of the Married Women's
Property Bill. the object of whioh was to allow the
wife to retain her own property with the same wife to retain her own property, with the game rights
and liabilities as those of the husband. Mr. JEssEL sad liabilities as those of the husband. Mr JFSEEL
seconded the motion, and argued that the Bill was o restoration of the lawr of this pivilised world as a
oxisted prior to the dark
and an amendment that the Bill be read that day six
months, contending that the advantages iviven to the husband by the eresen taw were more than compen-
sated by the liability of paying the wife debts and maintaining her children. Mr.s. HimL seconded the amendment. Mr. SHAW LEEEVRE, Mr. O. Morgan
Sir F. GoLDSMID, and the SoLicrtor-GENERAL sup ported the Bill : Mr. B. Hope and Mr. HRNLEY opposed it. After some further discussion the amendment was withdrawn and the Bill was read a second time, and, referred to a Sclect Committee. The House
went into committee on the Sunday Trading Bill, the priciple of waich was strongly objected to by Dr Brady, Mr. MUNTZ, Mr. RYLANDS, MTt. P. TAYLOB, Sir J. TRELAWNY, and others. A motion to report
proxress was defeated by 169 to 81 and a gecond proyress was defeated by
notion to adjourn the debate was defoated by 110 to The oontest continued until a quarter before 9 , Fhen the Chairman reportod progress. On Thursday jargest and most excited audiences of the Session. Mr GLaDsTons laving moved that the House should pointo that the House should go into committee that day six months. He said that he interposed at that stage not duty to his constituents, who conscientiously believed lead inevitably to the establishment of the hould Catholio Church in Ireland. He did it also in vindication of the rights of the minority, and in the vindication of the right of the minority, and in the
conviction that the Bill would impair the supremacy of the Crown and the law in Ireland, of which the Established Church was the symbol, and that the demand for the destruction of the Church came, not from tho people of Ireland, but from the Court of Rome, and Fras part of an organised scheme for the subjugation o Protestantism in England. Colonel KNOX seconded
the amenltuent. Mr. Astol N (who had announcel his intention to move an instruction to the committee ruled by the Speaker to be out of order, inasmuoh as the committee could do it without an instruction) addressed himself to the proposed appropriation for Maynooth, and contended that disendowment, to be ©quitable, muat be complete. Mr. HoLT, Mr. P. Charese, Mr. Scoubrieid, Mr. Verner, Don, Sir H. Brocer Mr. C. RAIEkB, and Lord H. ScorT opposed the Bill. Mr. DEssE supported it. Mr WHaLIEY, while supporting the Bill generally, sug: geated that the garplus of the Irish Church funds
ghould be devoted to the reduction of the National should be devoted to the reduction of the National
Debt. Mr. GLADsTons zaid that the debste had shown that the majority of numbers did not fully represent the actual preponderance of opinion for the Bill, for,
while its supporters were unanimous as to their and objects agreed as the mode in which they would deal with the Church. With regard to the assertion that the Throne restad on Protestant ascendency, he contended that ascendency in protession of the Sorereign was not they ever complained of it, and he showed that the most Protestant of Sovereigns, William III, had in his day contetaplated a meassure of religious equality Mr Disearir complimented the spenkers on hie own side of the House on the ability with which they had division on Mr. Newdegate's motion as inconvenient, and possibly not likely to be attended with resultas as desire. If, however, the amepdment were pressed he hoper that after this division no ffurther obstacle anxious offered to going into committee, for he was that the view of the Opposition were more deoided and compa t than he give them credit for. Un amendment was rejected The House then 126 , the numbers beng 355 to 929 12*30, but the Chairman le committee on the Bill at making any progress. The the chair at once without socond time, and Mr. CaRDwell obtained leave to bring in a Bill to amend the law relating to the
Militia. Iesterday, on the ennsideration of the Metro politan Railway Bill Mr. H. B. SHEBIDen moved for each company shall provide smoking compartments Mr Gilpins op pased the clause, which was carried on division by a majority of 8 , the numbers being 175 to In answer to Nir G. Jenkinson, Mr. Gladstone to inquire into the subject of local karation, and that Was not in the sluject of local anation, and that

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## Money Marker Patitgmes




## fltetropolis anio its Yim

 marble statue of tho l'rince oxceeding 3000 guineas, should be erectec :
of the city. A discussion, which took place with olosed doors, Grand Drdication Ch Hall-On Wedneady a ceremony was performed in Qued, in the presence of aland Master, the of the eraft. The ceremony was that to the order of Anoient Free sind Acce of those which were pulled down some fers!
The new hall, which $13^{3}$ in all respeti, The new hall, whic the first time in "graud lodze when seated on his throne, ras United Kingdom. On his left was the housio, Grand Master of Scotiand; sisd represented by a nobleman, an officer $\dot{d}$ Grand Lodge. All the noblemen and ketiof Were the ollicers of prand lodges,
Grand Master, Varl de Grey snd Ripos.
absent in consequence of being summoed in Council at Windsor.
Ther French A Thantic Cable.-The mus
of the French Atlantic cable is rapidly angras or the French Atantic cable is rap, Up to Wednesdas the his 2314 miles of the section intended to telo
Brost and St. Pierre, and 716 tules of between St. Pierre and the L"u.ted Suta
474 willes of the former nection and of of remain to be oompleted. The whole least for both sections was finished on Thucy
Gutta Percha Works. The Great Easterus ness has taken on board 1750 mites of the tis. and the
 request that copies of their pefition in amnesty to all the Fonian prisome in lus Manniag promised to consider the quatise Thursday senta


Tife Belgrave Manker Bull-a bu
rection near Sloane Square, Chelege of market for Howers, fruts, regetables, mats underground railpay communicaton, has been read a second time in the how ing of about seven anres, is in the no Sloane Strcet

## Chelsea Bridgo. The Emiar

The Emighation Qtestion- - On yous ing a large meeting Was held 18 question of a national ssstem of emparis rens, Mresent Wore Lord emigration hanent for Natal, Ir Wher agent for Queensland, and Lord Radstock, the Bishop
M. Ps, and Mr, Graves, M.
M.P., and Mr, Graves, M.

##  to the rileet that emigrstion was one of   WVor highis favouraber acounut of 1 ife in -peedily obtain the means of becominge, not huurer. but an employer of habour.  that Government should gire another

could readity obtana a livelihood. There be a day when elll earothe should be rovealed There ants henselses, or by private means. The found in trasellog in the United States that unore hostile to Eoglagd than While the colonies were as loyal part of the Quesn's dominions. Ho also that overy pluper sent out to a colony Lord Alfred Chirchill moved the second resoof privale ris loca action, sind rectuired the aid matufartures to he value of about t's pe is is, the exports to Chnada were to the value of
it of ita population, and those to Australia
in head-Now Zealand taking antioh as He nrged the necessity of providing for
and apeedy transport of the emitran of
 Jeukins seconuled the resolut inn, which
Missrs. 1 oung. Duddel], and Plummer Missrs, ioung, Duddel, and Plummer in tho furtil Jesolution, appointing depuand the Rev. A. S. Herring, seconded by Mr. and carried by acclamstion.
Rur- End EMigration.-On Tuesday 320 men, why children left London for Liverpool on ed athort time ago for the promotion of family ration from the East-end of London. They had been ind shbitants of Poplar, Shadwoll, Bethnal is small contingent of 20 whose expenses had been m: os the Clerkenwell Emigration Fund. The pro-
 istricta of the East of London. On thair the adults oblained work almost immediately, extrots from their letters have teatified on Tuesday the firsteontingent of theomigrants the St. Pancras sfation, and Fere quickly by the rest. As the various seotions entered Mests. Spiers \& Pond in one of the uns of the terminus. Several ladies who ads. Uueie, Lady De Grey ${ }^{\circ}$ Lady Constance
Hon. Miss Waldegrave, Lady Burrell Hon. Miss Waldegrave, Lady Burrell, the Hobart, and the Hon. Mrs. A. Kinnaird, ivy as its circumstances mould allow. The farture of the emigrants lacked many of the almost Lisbands are suddenly witnessed when fathers and wives. Whole families were assembled , ind, though the associations of home must he ties of kindred at least were left undisturbed. al, the loud swelling cheer from the emigrants as It more of joy than sadness. It may be added that Lee cm, grants rearh Canada they will be supplied bere are shfficient handicraftsmen of various trades ar them to found a colony among themselves. arion (lub it mas decided to request the Earl of and Mr. Disraeli to sit for their portraity, with a comenencing a pallery of emisent Conservative en, to be preserved in the Club.
Prendent of the Ne Association - Lord Elcho, as and to its members, placing before them the and prospects of the institution.
be beld the tenth annual prize meeting is be viewed withat although the existing dofioit the Association can be placed on 8 secure Damely, by a large inorease in the number of LLEE members
> senfernary of Pitre IX, - On Sunday, the 50th
a the Roman first masg of the Popewascelebrated oman Catholic Cathediral, Moorfields, by a the text Archbishop Manning delivered a the benefits I have received from him." of the year on which the. This was the uno year on which the Holy Father first mass of a priest was the greatest than a poor priest, though in rage, is would be understood, but it would




 theor relerered to the

 trom an Italian papaer an mocount of the numbor C Oitaring made th ben Ropan onis jubion in onose
 amount. Ho felte sura, he mid, that be had ooted in

 given sketoh of the life of Pios IX, he said thet he had stood invinoible for $\% 0$ years, and that he would Chaurch. Hoe mixht tio io io exile, butif to, he would


-The House If Commonat commituo on these suls anouped en

 ings to Keninington, Chapham, Bixtoos, and Stook. and 'Westunster Bridec. 2 . That some limithon mutat be placed on tho proposed mononoly. 3. That


 approan of the Home Oficoo, Tha chairman said that sibjeet to theae requations, the preamble of tho 3 Bil might be considered as proved. Theen were keneral resobills. Mr. Denison, Q.C. stated that after this decision the Metropolitan Omaibus Company did not intend to totar any opposition it ibe prinampor the Biul bul
 dimo to onidiorer the ffifot of the reoplutiona bearor procedios wit tuo Rodwell then called witnesses to prove tho proamble of Bull No. 2, called the Pimplico, Peckhem, and GroenFioh Trammay Bill, obearving that the Pimlieo portion wothld Kotd commence near the raiwny blackheath Hill. On Wedneaday the chairman announced that the Committee had passed the preamble of the bill on the two followiog conditions:-1. That the tramway must be so constructed as to secure the maintenance of the evel of the streets. 3. Inat the ine shall be completed as a Fhole, and when completed suail be worked as a whole from terminus to terminus. The case of the promoters of the northern ine, commencing at Road, Bow Road, High Streat, Bow, High Street, Stratford, to the Broad way, was then opened. After hearing saveral witnesses, the Committoe decided that the preamble had been proved, and postponed the consideration of the clauses for a lew days
DIsPUTES IN TES BUILDING TRADE-The relations between the buiders and ineir worimen are likely to be ceriousiy disturbed this year by the athitude taken by both parties in respect to the hours of labour, rate of wages, dec. severa notices and cross
 struek on Saturazy, beirir six monthe notico haring axpred, and have sinco been requelect by too mastorr


 ment by the hour and tho formation of oorto of strike: Thio emplerers harse hoperere, come to the unsnimous cecision that the alterations should be carried into effec
the notice given

Ltrbig's Extract of Mrat.-On Saturdey even onf number of gentiomen interested in this nev arficle of diet and several men of science sapable of explaining the advanteges to be derived from its general use, dined together at St. James's Hotel, where Mr Francateli had prepared a dinner in which the extract formed the basis of all the soups and made dishes, in lieu of the ordinary stock. The proportions in whioh t was used were exceedingiy smal, one ounce being equivalent to the stoce produced from two pounds of lean beef. Mr. Boutcher, chairman of the company presided, and Mr. Gunther inteathe vice-chair. Among the company were Dr. Thudicum, Dr. Richardison, Dr, Ruskia. The prinelpal exponent of the Rood qualioxplained the nature of the operations at tho company's works at Pray Bentos, on tho haver Uruguay, and spoke highly of the many advantages the public would
that it wha quite equal to fresth most physiologioally, chat it was chpablo of yeeping a man in healda and oplo could be supported by it at a much reduced cost. He aleo spoke of tho adrathase to bo tutuined
by the reneral use of the extract in hoepitale it min of which it was aiready adopted. Severallother manny
men bore strong teatimony to the nutritionat of the extract; and Mr. Francatell, on beiok callod apon, oon firmed all that had been said in it fivour os useful amongst the stores of the army nad navy, looking to the dificullt circumastancess in which they were placed at times.
Destrective Firgs--On Monday night the axtensive warelouses of Mr. Frith, hop factor, and Mr.
Leake, hop merchant in Kentish Buildingan at the bottom of the 8pur Inn and King's head Yards, in High Street Southwark, together with a great portion
of the stablion and warehouses of the two Inns, and of the gtabling and Warahouses of the two Innu, and
the warehouses of Messrs. Baker of Co hop merchante, were destroyed by fire. The lose is estimatod at
 Junior Carliton Club, in Regson Street, by whioh the nowtpaper and writing-room on the kround-floor, tho or far roim mid donkend

 Charod with athoptiog tomurrer Mr. and Mrry


 friends finding him some better clothes, ady it is supposed the lad took offenoe at the subject baing menioned. About four o'cloak on Bundey momins proseoutor and hiv wife were aroused froma aleep by sovare but his wife, who hed aiso been wounded in the heed, but his wife, who hed also been wounded in the head,
and was oovered with blood, was eble to get out of bed, rush to the window, and soremm ${ }^{4 t}$ gurder." The poliog came, and, at hor request, broke in the door. There ras do other person in the honse but the prisoner, tho ras found in his room hal andresced. He did not deny the charge, but made no defence, and Fas comery soriously injured
THE PరBLic Hralte. - The weakly raturn of the Repistrar-General states that in the week that ended on Baturday, April 10, 4482 births and 33,6 deaths were
registered in London and in 13 other larze towns of the Unitod Kingdom. Thosin inallat rate of mortality was 27 per 1000 persons living, beind 26 fer luM in London, Birmingham, 30 in liverpool, 28 in Manchestor, 21 in Salford, 27 in Shefiold, 30 in Bradford, 26 in Loeds, 29 in
Bull, 20 in Newcastlo-upon-Iyne, and 37 in Glaggow The rite in Vienne was on vorlime daing the woek onding the $8 d$ inst, ard ia Berin 18 per lood drrimg
the soven das ending the 8th inst. In London the birtho of 1138 boys and 1092 girls, in all 2225 children were registered in the week. In the corremponding Weoks of 10 years 1859-68, the average number, cor rected fored in London during the week were 1550 . It was the 1 Ith week of the Fear, sud the average number or that meok, 00 roctod for iacreas of poparion, was 560 . The present return is therefors 10 below stimsted amount.

## T3robincial.

3brbeley Hill.-The jury at tbe inquest upon the man who was drowned by the great colliary in undation at Brierley Hill, bave returned a verdiot that he lost his life from the aocidental burating of dam; and that a dam in such a place, and used for the purpose of keeping back any large quantity of water from any worcings adjoining, should be subjeoted to superrision by competant persons, in order that from time to time the actual pr
BRISTOL.-The sentence of death parised upon Heary Jenkins, for the murder of Fanny Reeves, at Becminster Bridge, has been respited, pending the arguments before the Court of Criminal Appeal on the legal protest his innocence. oirl called Sarah Juoobs, residing Cs RYartheni- - girl called Sarah Joobs, residing have taken no food since October 10, 183i", and not Lewis, of this town, in on article he has seat to the "Jritish Medical Journal", says that the statements made respeoting Sarah Jacobs are of guch an atounding nature that belief is scarcely possible, yet sceumu lated evidence might produce conviction.

## attempt has been made tio test the credibility of the

 parente of the girl by wrtching her closely, and the attempt came to an end for want of funds. The girl's parente are respectable farmers, not in neculy clicumghances. Dr. Lewis does not offer any explanation as to the manner in whioh life sud
## ained without ordinary food.

The sncient British encampment of Bur Wals, at the foot of Clifton Suspension Bridge, is threatened with complete destruchon. This remark able camp consists of surrounded by an embankment entirely enclosed, and surrounded by an embankment and ditch. There is little doubt of its being of British origin, thouga, , sumber subsequently occupied by the 7 omens. The building company are destrorin his old embankment for tho vilue of the limestone of which it is formed, and them pucks and shovels have
brought to light the ingenious formation of the dyke. A oentre of which was again oovered with timber, and the timber haviag been burnt the stone was thut calcined Dovre, - On Fridey morning Charlog Wendrych, through the head with a rilie, causing instantaneous death. The megistrales committed the prisoner for tral, but the coroner' jury, who met the same ovening found that he shot the decersed, and wes not sane a the time. A recommendetion was appended to the to soldiers in the barraok-room while on home service tisers-a virulent epidemic or a very contagious type broke out among the surrey paok ol staghound preathcote, and the dops were kept to kennel at the Durdans, Despite veterinary skill the disease spread and at ast becoming of a rabid form the waole pack had to be destroyed. The Duo de Chartres and other influential members who hunted with these hound are raising a subsoription for tho purchaso of a tresh pock of young durs, The Prime de Jomvillo wal be the future ocoupier of The Jurdans mansion and park, Heathcote family

Gateurst.-One hundred pounds reward has been offered for tho discovery of the murderer of the little girl Annio lloughton, at Gathurst, near wigan, in Government, and 50l. by Mr. Joseph Roper, of Ack hurst Hall. Any accomplice giviug Quecas evidence and not the actual murderer, will be pardoned.
Charle Winter, - At the late asazes in this city the murder of Harriet Nurse, a hawker, at St. George's, near Bristol, under ciroumstances of peculiar atrocity Members of the society of rriends, however, and Others, have been eotively engaged in getting up a bean placed in one of the large colls of the old prison, and en officer hass boen with him day and night. On Sunday night Okey, a staff-sergeant of the South Gloucester Militia, was on duty with him, and about wake, the prisoner stole quietly from his bed, took a lump of coal and struck him on the lead with
afterwards atruck him on the head with a candlestick thas the oflicer tho stun or murder him, he could get the kess and escape. A atruggle ensued, and the noise attracted the attention of one of the night patrol, who called other offiguard has now been doubled day and night. The prisoner, unless reprieved, will be exeouted on Monday mert.

- Muoh interest has been nxcited by the discovery of lead ore on the Rnaednle Moors in olose proximity to the well-known ironstone Examination has ghown that lead exiate where least expected. Scientific examination is to be made with a view to reporting on tho feasibility of working the mineral. In the event of the new line of railway proposed between Malton and Helmaley, a branch would orve the new diatrict
NORWICK.-A deputation waited upon the AttorneyGenern in London on Saturday to present him with a Writ of error in the case of the convict Sheward. The Attorney-GeDeral, after going over the memorial and other papers, decided that he would receive the prisouer's solicitor on the subject on Monday afternoon. the presence of Mr. Archibald, jun.e, counsel of the Treasury, on behalf of the Crown, and on Thureday the Attorney-General decided against the application. Unless the Home Secretary sends a reprieve, the prithat Shir bexecuted on fuesday next. It is stated that Sherrard has made a further confession, in which he enters into minute details as to the murder of his first wife, and the mode in which he disposed of her body. This second confession has beer reduced to the Home Sectetay.

Portsuouth.- The Lorde of the Admiralty have isgued a notice that any of the hired workmen recently yearss service and of Good charsoter, dockards with two years' service, and of good character, Fill be conveyed to Cansda, in one of her Majesty's troopships, at the to De taken out must be in possession of a sum of
2 . I5s. It is also sanounced that any of the hired workmen now employed in the dockyards will be artisans who sooept this offer, are, however, distinotify to understand that, on their arrival at Quebec, they will be in exactly the same position as ordinary emigrants, and that the Government is not in any way responsible for providing them with employment
Saltaurn by The Sea-On Tuemday a fatal acoibeen for some turne in progress at this place. An iron bridge, 100 feet in length, maross the famous glen along Which Skeltonbook runs to the coast, was nearly completed, when an immense iron girder slipped from its holding and knocked down one of the piers, killing of Accidental Death

SEEFFIRLD,-1 mass meeting of the colliers on strike at Mr. Auntsman's pits was held at Attercliffe a fery daya since, when it way addressed by Mr. Normansell, Who said it had been decided to issue circulars to for hes unions in dixerent parts of the country asking impoverished, but in trder thas of the association wer upon the members should not be such a strain upon
them, as there were now 1000 men out. At the close Mr. Falkner, Q.O. Reeolutione unanimously decided to continue the strike. None of the disputes at Tinsley, Thorncliffe, or Denaby, Bhow
ay
Suctuarycus.-The Atrato mail stemship was gent to the Motherbank on Monday on her arrival yellow fever having occurred on board during the voyage. Her quarantine, however, was not of long duration, \& telegram having been recoived on Tuesday
afternoon from the Liords of the Privy Council, orderafternoon from the hords of
Wh her immediate release. took ware betwcoll a kang of poachers and two of Lord The keepers mer ritu eight men, who were armed with bludzeons, with which they assaulted the keopers, knocked thom down, and severely injured them. The diabled them, managed to escape. Two men, named Goddard and Bastock, both labourers, residing in Monday committed by the county magistrates for trial.

## FrcIano

Pbince Abthur in Ireland.-On Friday the Prince left the Viceregal Lodge to witness a review in Fifteen Acres Park at 12 o'clock, but from the extreme inclemency of the weather, accompanied by torrents of raid, there were no evolutions except a march past hack. In the evening the Princeattended the Masoni Ball which took place in the Exhibition Palace. Th ball was a brilliant success, nearly 11000 piersons bend prosent; and though Cardinal Cullen's
threat of actual excommunication prevented the Roman Cathonics of Dubin from atcending i it is said that there were several Roman Catholi strangers, who, being within another primacy and so exempt from the cardinal's jurisdiction, were technically able to escape from the terrors of his edict. Prince penar, the Lord-Lieutenant, and acted to the dai py the Duke of Letiustar Grand Master of the Orde in Ireland, and were loudly cheered. The Prince and Viceregal party remained till three o'clock in the morning. On Saturday the Prince visiled Trinity College, and afterwards proceeded by special train to Pray, on his way to owerscourt, on a sisit to iscount Monday the Prince and the Viceregal party visite the Curragh Camp, and witnessed a sham fight. They lunched mitn the officers of tho 0th Lancers at Now bridge and afterwards drew a drag hunt. The weather was extremely fine. In the evening his Royal High dess was present at a yrand ball and supper given by Sir William Carrull, Lurd Major of Dublin, in the Cattle Show, and was warmly received. On Wednes day his Royal Highness left Dublin by rail for Dundrum, Tipperary, on his way to Thomastown Castle ro seat of the Count de Jarnac. He was enthusiasti were erected. His Royal Highness was to remain a Thore erected. until yosterday, when he was to proceed Thomastown until yesterday, when he was to proceed Devonshire
IMEPORTED A PPROACHING VIEIT OF THE QUEES TO Reland - The Leing been informed on good authority that her Majesty the Queen will spend two months in Ireland next utumn
The Church Confbrence. The general Con erence on the Irish Church met in the Ancient Concert Rooms on Tuesday. All the Bishops except che Bishop of Cashel were present. The lay and delivered the opening addresa. He said that they had met, not to take any cognisance of Mr. Gladstone' Church body, but to protest against the injustice of his Bill. 'rhis done, they would dissolve. They were not met to compromise, they protested against it, and regarded Mr. Gladstone's measure as confiscation as assailing the prerogatives of the Crown; as uojustly dealing with the properiy of the subject; and destroying the best of all titles-prescription. Speeches were Osso delivered by the Archbishop of Dublin, Bishop of the Dean of Clonfert, Sir $\mathbf{7}$. Grogan, and others, and rasolutions were passed condemning the principle of the Church Bill and protesting against the alienation of Churoh property, repudiating levelling up, and appointing a Committee to assist in opposing the Bill Oranmore Mater Brooke anil the
by whom Mr. (iladstone's Bill was aganz emphetion reprobated, and the character of the Commision to wind up the Church in particular was condemned as despotio and unconstitutional. Resolutions complaining of inadequate compensation and deprivation of glebe lands were adopted unanmously, and the Conrerence resolved, on the mation of the Archbishop of Dublin, not to dissolve, but to continue in existeace, so that it may be called together in any emergenoy, In the course of the proceedings the Lord l'rimate ment that the bishops intended to absent themselves from the House of Lords during the discussion of the Bill."
Thargy Merting on the Ibigh Churci.-On Thurgday evenng an aggregate meeting of Protestants against the Bill. The hall was Fell filled by protest noisy assemblage. Lord Crofton presided and among

## Mr. Falkner, Q.O. Revolutiont as a violation of national faith Protestants, were adoptel

 Protestants, were adopted withgreat majority of the moeting woro
The FENIAN CONvTCr.
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what portions of their sentenoe
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military convicta, are Thomas P. Burt
J. M'Cluro. J. O'Donoran O'Leary, $M$. Sheehy, J. Deroy,
Kearos,
C. Power, $\mathbf{P}$. C. N. O'Connell, D. D. Malsh, P. L. Browne, E. St. Clair, M. Shes
Mackay, J. Murphy atian N.
Co Austr
now in convictcalls "the Fenian Conspintion"
Brap in England
P. Doran, H. Shaw, T. Peathen W. P. Thompson, and Anderson Proposed Intersectioy or CaNaLl, It is proposed to ouf her ships of the largesteclase to cut B Some of the merchants of Liverpod

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## Metropolitan District.-Ano

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Greth Tu the White Nitas-Sir Sumuel 2ntan marmed to Eugland, wit shortly ay stemis th dixateh fur the suppresmen of the of the White Nile, and to ratablish the
enthority throughout the Nile Buin,
ing renched upon the Albert N'yanza, It is
 i- 1 istion.
if in istion. - journey on bioyolea from Liver-- l.r lon. by may of Oxford and Henley, has hy two of the Liverpool Volooipede
l'earan and Mr. J. M. Caw. the
of the elub, set off from the shores the 1, th uit., for a preliminary
from whech eity they started for $\rightarrow$ next morming. After a ride of 59 males diwhrike. near Wiolserhampton, where Hey : masht. Un the $10 t h$, haviug travereed $\ldots$ I ritrs, they weut on to troodstock, ${ }^{3}$ an 11 arrived in London feeling none the bunithment on the way, and the remarks passed - miree were most emusing. At some of the - conld causht hold of them, and ran behind Cym. of "then gurer horse." some calling
"menaserics" and" "ralaparamsos. anc Whani ampton and Biraingham sttempt N. th tee the riders by throwing stones. The at. : ou by strapping them elther in front or on mi. martean binpping betind. This is statol to be - ras ane if connion that, had ther been disposed, Prame if cumion that, had ther been disposed, bpay
 a them iar the ralley of the Garonne in France a 'r iare ships, to connect the ooean with the an han been often moned; but a new as ie Maqnoncourt, late peer of France. The :anc. ins! will admit not only merchant ships of Eve seamere A port 15 to be establshed in the W. arian The Cordeat of the sclicme is estimated Wo alich, anl the cutting of the canal would thorten the navigable communication Nand, the north of Europe, and Indis, anechion with the canal of Suez.

## (1) $\mathfrak{b t u a t y}$

## Natar died on Fridny night at hin qeat   <br>  <br>  <br> immano Imorl in lats upan the eirlest son Jacult. mamin. thind danghter of the lat Eari

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 E. A. © the fow. .2" Alezandrlan Manumeript of the Old toe


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 Purtugal, and contrary to an underntan ung with the Frena it general in comman!, was, alotig with the ciler wirgemm, getainol un a primoter by tho Frenim for 18 pontha He nulb seduestly gerved in ceelion He wan in native of Ayr, blut hin
 near North Herwick and werm amanaly what name in Eurt brlifin
Mr. Filitiay Bradsony, leto of the weil-known prlating
 his: the year,

 of the Red Llon Brewery in Lawer Eate Brithfield, of wheh he kurvived to be the pole qcting partner. Mr. Hoare was
the brewery on Frday, the $2 d$ fint., and left town on the ovening of that day to join Mra. Heare and bis oniy son, 2 youth of 18 , on twat at offord, who wero on a rinit to his frend, Mr. Daigetts, at ILach Manar, in Hampohiro. It Way romaked that bo wat In hin unnal g wi heaite on s, harday, moling a chyr on the


 Tum deen res, whe iss very widily eateemed, ,




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Lincolnghire Regenta, 60 s, to 90 D, Dunbar and Fast 60s, to 100s. ; do. Thocks, 60 s . to 65 se ; French and Belpian
Whites, 40 s . to 60 s .
 End Hetton Lyona, 14B. 3d. ; Brancepoth Camnel, 188, -8hipe at market, 15 ; Aold 15.

HOPS.-BOROGGB MAREET, April 16.
Mescra, Pattenden \& Smith report an active domnad for
lofing induced to purchase at the present low rates. METROPOLITAN CATTLE MAREET.
The supply of Beasta is short, and the audden change of lower, and several lots revain unnoll. There in a large
lincease in the number of shoep, nlmost all are now shorn, We therafore cease to quote in the wool prices on the average unaltered for Culve日. Our forelgn supply consieth of 2449

Best Scote, Hore-

- ${ }^{\text {s. }}$ d. ${ }^{\text {a. }}$
 Beat Downs $8{ }^{\circ}{ }^{\text {Calve }}$ We have a short tupply of Beists. 15.
equal to the demand, and Monday's quotations are no equaseded. The number of Bheep and Lammbis is larger than on Thurgiay last; trade fs not very brisk, yet thay are all pretty, trade 18 very slow at lower rates
of 480 Bearta, 3735 Soreign supply consibta or 480 Beasta, 3730 sicop, and 211 calpes.

 2est quality Benasts 3
Beent Downs and Do. Sho
Lambs


## Half-breds

 METROPOLITAN MEAT MARKET.-April 17.

## Best Fresh Butter

Becond do. do...
mall Pork, A. 4.

MARE LANE. MONDAY, April 12.
There wan again a ehort rapply of Englifh Wheat to this monning's mariset, which was sold at about 18 , por qre, declizis

 trade was quiot, and in mome instances less money was
accepted. Foreign Flour wous neglected, and rather cheapor.


## $=\quad \overline{\text { Norfolk }}$

Banlet, Frind.tdist, $77 \mathrm{sta33s}$ Chev, $46-51$ Malting OATs, Foreag ..grinding and distiling $20-26$ Malting




- Yoreon ... 43 s to 4.ts ... Sinds

PEAs, Whits Essay, and
MLOUR,
2d ditto.
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Fridar. April 16.
The orpected extinction of the 日mail remaining import duty trade the forcing weather, howercer, combined with good supplics, and the continued absence of a heantlhy consurnptive the past weok, and a further decline of la, por qr. on Wheat, Spring Corn of all descriptione has been alow to move, and the
value of Beans, Peas, and Maize has been tending downwards Parley declined lis to 2a per q. for best descriptlows. FTour


 wating for lower prices belore operating. Park, Apritis. an well as . Flour are pointing downwards. The efght motrik are quoted st equal to 34 sos sd. per 280 lb . The etock at tho The arrivals of forvign Wheat during the week heve been modcrate, of other descriptians of grain emall. Thare Way an demand wan quito Corn was stemdy, without alteration in vilue.

Arrivali frow April 10 go April 15, poth inolvgive

|  | Wheat. | Bariey. | Oats. | Flour. |
| :---: | :---: | :---: | :---: | :---: |
| Engilah <br> Irish <br> Forelgr | 1130 qrs | 700 gras. | - qra | - ska. |
|  | 14,850 " | 1500 , | 6840 | 2270 |
|  | 15,900 | 2320 | 8010 |  |

Laveapoor, Truadday April 13.-There wan a good attend decline mance Friday. Four very duli, and Engliah le lower
 demand, and 6d. cheaper, round $28 s$.
Averrages.



SEED MARKET
The fine and gental weather of the last few days has had a have consequently to report min fincroase of activity on our
markets.
Eoreign
Clovers are steady in value, and meet with
 more freely, la obtatanble on ensier terns. New Froncb Italian lye grases meets with a brisk inquiry; it is just now
in very short auply. Canary and Hemp secd are in better
 Spring Tares are cheaper, aome quantity have been taken for
rport to Frasce. French Sainfoin seed has a ready sale at the late advance. Joum Shaw of Sows, 16, Water Lame.
W ANTED, a MAN who understands the Cultivation or Frut Traes, Roses and Evergreens, A Ditronoent
W ANTED, in a Nursery, a good PRACTICAL MAN,


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W ANTED, ar YOUNG MAN, to assiet in the Eoused, Marlzet Gardener, Twlozenkans, Middleser, S. M. W ANTLD, YOUNG MAN, accustomed to House

D ANTED, a Young Man as IMPHOVER in a Filower
 W ANTED IMMEDIATELY, a SHOPMAN for the

WANTED, BASKET MAKERT. Apply to JAMES
WANT PLACES.-Letters to be Pont Paid.
FIXPERIENCED GARDENERS (or as GARDENER
 GARUENER8 (ExPBRIENCED),-JOSRPH MEREDITII,
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Aive yearr in briliess on bis orm noconit







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 National Flower Show, Manchester, June, 1867.


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## DBRARTURE OF THE QLEEN FJR OS

 Queen, accompanied by rince and linctim Tuesday afternoon for Osborne, where they wo hall-past six. Prince ilbert leter, Prue Princess Louisa, and Pracess Prace abers od wirpllolstein left Windsor by a premo Osborme. On Wednesday and Princesin drove out. On the return of the her Msery Royal family, with the children of Princess of Wales, will returaafterwerds proced to $13 a b n o r a l$.

THes Court at Windosor--OnSatundstise accompanicd fou the Aldershot, there the drawn up for her Jajesty's inspe marched past. In returning to paid a visit to Sir James Marquis of Hartington arrired from On Sunday morning the euce Rev. Henry White, Cbaplain of Savoy, preached the serm Bushy Parl Mondeon arrived from bush with
The Duke and Duchess d'Alençu
Bushy.
The Prince and Princesa on tile received by General Kotzeble
Russia. Their Boyal Highuem stantimople on Saturday mornips and after paying a farewel Altar a
the afternoon for Athens. Al
at city, tho ${ }^{1 r}$ rinoe and Princeen will ' ', to
if erive at Maraelies, on their way home,

## chad loth of May

# ber, and that his stay inI Iadia w 

## 


asaloon carriage, furníshed with and, and the public were excluded
 had so frr recovered from the prostration to his carriage. Sir William Jenner
Thrt-A Cabingt Council wa hatd on
Then Strect THABYMOTRMB
Wha Duke of Rjebmond The Earl of March, It we sukeex, in the room of the Saturday bow Lord Leaconfield, without oppusition. Bon Bemilton were put in mominition Con Broon, the former in the Liberal, the of Iond Hyde, and a poll wes demended
ord C. Ji Hamilton. The Attorney-
If and, on Thur-lys, zave noti e of at of Elzction Petitions
 anding that Measrs, Brassey and North had nut iled, had that no corrupt practices had Ment Maltatio The petition against the 2irs for Boton, ha been withdrawn. The TM \% , bo quopposed. Mr. Hurat will thero2n it. potition agsingt Mr. John Hardy, one of
 Ue suthampton petition against th.
Gurney and Mr. Hoare, comnemed on in that town, and terminsted gesterday in nthdranal of the petition. Measra Gurmey and $\rightarrow$ wiserapon declared duly eleoted, the

 twa the nes Tauston petilioon againnt Mr, by
dith
and

## =

 1. : Iletrinancr.-Sir Michael Shaw Stewart 2. Nors of the late Lord Glasgow.in Hopric op ExETER. - Bishop Trower, late $\mathrm{S}_{\mathrm{a}}^{-1}$ ) of lixeter empowering him to undertake in - her sinnas Baske. - The sum of $a^{2}$ a Vas, ne Banks during the year ending on
 friat entablishment last jear was $61,8 j 0) l$. 2 s .3 d
 d Budqet for the Ministry of Commerce od Brime mado speeclies, pointung out what m 5 th Che dizandirous offects of the Treanty of os. lomerments of France. MI. Greasior, the tise í Commeree, in reply, stated that a Come
 - Phonse without duty, adding that if this 2 =the calue of any distrese, the coverumeent -in an end io it it Mis Thiters asked that a Parlia-
 Kat ratif should be restored to the country 2n 2n. Mrnt Treates of Com merce. The generai Pratimetmen the Manounced that at the Lavalete,
 Jielyan Prime Minentatives of France Flumen the guestion from a different at it detended did not permit it to modily and hise- roman thereupon declined to a Rian une colleagues by sanctioning the prevent sush passed by the Beigian tr, eate Prh an anoroachmont He Brumels, but subsequently deforred hia it now stated that before he loavea aid that the Eor the settlement of the it mediation to France and Belgium. overmment on Thursday sent I come





 island. In the sutting of the Concritu in at that Monday Senor Fimzems of the Constituent Corten on intimatas the recers is at : If rhi hur reales, of which 1, $\mathbf{1}, 000,000$ raales are derived from tazes on landed property, $180,000,000$ realea from taxat onartioles of e m-
mence, and $4,000,000$ realon from smonession duty, II proposes to abolish the duty on dimet inheritances, to
 and the tobace monopoly in dily of tho anme yoar

astegorion of extrondinary dutien, ono of sondi three and in mome onese of 35 per oent, ; the maximum of third call durs are of a minimumamond those in the fromisil fere cent are to be lovied Tho dution articles of merchandize which are at jorvent muhnent to an excensively high tarist, and theme duties tre not to will be gradually decreaked. On Tuceday airht thero Wan an important meating of the majority of the decinaing all muthe $T_{0}$ of alas |ratul, of flut 16 mir
 Rios Roman an! others, wat ultimatoly with dravin by Semor Jormanlli. In the sitting of the (in)sfituant (ortes on Wednesing, 1he dralt of the
Constitution was remumed, siner ] tharas member of the Republican party, made espeoch in which he argued that as the majority who wishod for e Monarohy could not find s candidate mho monld necent thit Crown, the only athermathe that remanaed Fas to Seuor horilla, Matabler of the Iotorior, in reply, declared that the restonation of tho Bourbong wa imposible, and that s Repubwo would be sonations a coming to es setirfactory conclusion as to the nove relga to bo chosen. In the sitting of Thuradsy the On Clsues 17 an amenament was moved, with the objeot of astablighing a cennure over the Preas, to be oxercised previous to publication. This amendment Wresejend sead sea claves grantink jiberty to the Press and freedom of public mpatins, annt hition, and Fill abolish the custome duties upon cotton and ooal. Postugal. - A military rising is said to be imminent at Lisbon and at Oporto, The Govermment has idten voked for the 2bith inet, a mutiong has opcursel among the soldiers of the 7ormbeni experlitum, stat.onoed at Mefra, is miles from bosbon. rocoplo have vern seat to 日uppress the tuadit itud brates bas the regiment to Lisbon.

## 


purely Iemouratu chararter.
 sontatives, on Thursdey, replying to nome obwervations apon the menas of commumication with Switzarland Favtern Raitway Cohspany, the Jhanker fif 1'ublice
 the wiaher expresed bs the frovertiment on the subject of the preonat arrafigements for the trafle tions with the Eastern Kalwas (omplany hate naturally been affected by the omploniton we nave thought necosuary to show towaris rertitin of their plans." The note among the Belgian workmen appear to be epreading. At a large village calleu Fromeries, near Mous, the workmen have risen in Frameries, near aumbers, and have attomptod to stop the railway grapfic from Mauberge to Mons by stoning the pastenger trafic from liauberge to Mons by stoning the pastanger engines, and taking possersion of the ralway bridges. engines, and taking possessioll of the ralway bridges. The workmen in the Borindge, the Charlerot district, Tho delivered an exciting speech at Mons, the Who delvered an exciting epeech at Mons, the International Somety, bave been arrestem?
PRU*sid. - It is said that the Prusian Government has instructed its ambassador in 1'aris to expreas item initian a definiture polpe of peace. In the sittion of the was introdueed by Herr Tweslen ad Count Mumster demanding the appointment of a responsible liedere demanding the appointion of a responsible lederal
 Count bumarci, to 100, In the हitiog of Thurrday to estimeted of the Mmistry for roreigh Afsirs were dscubsed. II arr Twesten tande a speech, in Which be callod unon Count Binmarck to lay before the cormouno coples of the diplois done by other Govemments. Count Jismarot zephied thet in countrien there this cnetom obtmed it pro
further remarked that the Governments whw 11 ,

 invalided soldier whis opened in Herlin on Thuraday in presence of the Quewn of Prusith 100 delegnter
attended. The journesmen einr; is of Berlin, to the number of 2000 , listi stru it $w_{1}+h_{\text {. }}$ Publio order




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 and Stato wero unable to and a eatue why Chur is Chamber of IJputtea on Wedacady epproved the Jisove货-A grend bunquel whe to bere bean ifonat tho Odson to nolobrate lbe birthday of Ouoon an addrean of congralulation and bouguet, I rum

 Cjifinatul liy two earriagas conlaning police funccionarice, and te grett number of suhordinste polico

 the oocasiop of him Majaity's barthdny. King Iobn Duke of Tuncany.

- M1,
 Minister of the Defence of tue (ion. It I .


## by deliberations on pending pohties quentions, whirh

## erulted in proving a full


he National Schoonls of the land-tax. 'Juedolute ob On Tharaday the ? Ther Joumensued the Latadweht 13, il, and afinroved tho Telegraple Crinsem,tion watat thic Talon Treas whet Pruasit. The oficial Gazefo of

aprs in a cirt of juntice for the Fimpi
If Nuths.-The Emperor returnod to Penth on the Intl. ins-1, rail Thalat I in Majeaty will opon the Diet llotsme mot on rlouradas for prolamindrs woll
 Sistrem Jeft damation tiat tae J:
be remosef from the
Ampanay remeat, hoial rurit. Hat the matman flags of II +nzar) ant firoalus Rinuid loo II ungatan and ('roatian memtere ill tha gitcalion of
 ite delibertiona before the en 1 if 11 w $1 n+1, t$. Cant Andrassy in to be appointed $\alpha$ )

 Fuat, me, mmmenmert hiv \&tamnial statement in lla Chamber of Depultes on Tumeday, and eofte'ledent it on Wi odneaday. It show mad that there had heens af ea lily progreative increase in the ordmery rovenue, end decreme is the ezpenditure since 3807. In futare jears he anticipated that there would be a recuction litro. an ? that a bainnce of the rereaue and expend 1hrr imptht be expected in 1875. The total defioit to bo probided for was - ®, monnon lire Tliserm include the smount necessary to pot the debt due to the The bank would resume specie payments six months Be bank would resume specie jepayment of tho debt. To roser this deficit he proposed finanmal oparations, by which he experted to obtain -.15 milions lie propised first tufarm tin sale of the ecclestartical property to a reorganised compans for the sale of the domianinal properts, the eompans to zulsamee 3 ant millons of lire arainat dommund ohtigations, guaranteend to pay the
 able in 20) years sucondly, in farm the service of the Treasury lo the sational Bank and the lank of Vaples, the bank paying a puarantere of 100 mallions of lora Tharilly, t. rases a furcod loan to the amount of 330 manome of lire at of per rent, payahle in fratif

 worka wal! be vazorousily prosexntar wilant freeh burdeng being, imposen oll the rrentary, and

THE (ARDENERS' (IITONICLE ANT AGRICTTITTRAL GIAETTF
will be spread over a long serias of years. The prinoiple of the Ministerial Bill, rendering eccleMonday by a majority of $2233^{\text {to }}$ I5. A A Mazizioian conspirsey was discovered on Monday at Milan. The
poifice have seized a number of Orsini bombs, arms, and poince have sized a number of Orsini bombes arms and been arrested, including Guiseppe Nathan of Loudon
Milan is perfectly tranquil. King Victor Emmanuel Milan ir perfectily tranquil. King Victor Emmanuel
left Florence on Suadiy for Noples, by way of Bologaz and Ancona. The Bellini Theartre ot Naples Was destroyed by fire on Saturday night.
at the Piraus or Truesday. Their Royal Highnesses were receivel with grent cerempony and travelled to
Athenss by the now railway from the Pirous to the
capital. Pbinctranimites. - A proclamation in the
Turkish language, and addressed to the Turks in Bul-
 Purliaresto It is signed by Bulgnian party leaders residing on Turkish territorr. The Minister of the
Interor has ordere $I$ further infestigations to be made Interior has ordere furruer infestigations to mat mand chuk has been communieated witb.
Serbvis.-The Porte has conceded to Servia the right of concluding commercial treaties with foreign countries.
TUEKEY. -The Prince and Princess of Wales rethe Crimen. They paid a farewell visit to the sultan, and loft in the afternoon for Greece. An agreement was signed on Saturday by Dooud Pasha, the South Austrian Railway Company, and Baron Hirsch,
kranting to the latter the concession of all the railway pranting to the latter the concession of all the railway
lines of the Ottoman Empire, and handing over the working of these lines to the South Austrian Company. Tbe new Finance Minister will shortly, publish his budget, with a yeneral report, recomm,
redemption of the consolidated debt.
EGYPT. - A commision, composed of the English, French, Italian, amomission, Greok oonposed of the English, examined into the late attempt to blow up the Vite-
roy's box at the theatre, and has come to the conclusion roy's box at the theatre and has come to the conclusion
that it was intended to assassinate not only the that it was intended to assassinate not only the
Viceroy, but also his principal Ministerg and other councillors who would have accompanied lim to the
theatre. M. Menasse, the Viceroy's theatrical entreprenewr, has been arrested on the charge of haviog planned the attempt. Another attempt was made on the iife of the Viceroy, the Prince Heritier. and the
Ministers, on the lsth ult. as they were returning by Tailway from Tomailia, and it was only owing to the
intelly ence of the driver of the pilot engine the the intelligence of the driver of the pilot engine that the attempt to bring about a collision failed.
Caps OF Good Hope--Her Majesty's ship Petrel arrived on the 8th of March at East London, with Channel, stating that Dr. Livingstone arrived at Zanzibar in Juncuary and left for England by the over raport is wathout foundation.
Presid. - A military revolt ocourred at Teheran on the $29 t h$ of March, bat was put down with great
INDIA, -The loan for $5,000,0002$. has been successful. The amount tendered for is $5,250,000 l_{\text {. }}$ whereof a sum whas fixed at 89 . Tenderg above on the minimum Was fixed at 89 . Tenderg above 90 ,
$\mathbf{1 , 6 7 0 , 0 0 0}$, will receive a full allotment,

CHnNA- The death of General Brunker
UNiTED STaTRs, -The Spanish authoed. having seized an American ship called the Cuba, Lotwell, which was hovering suspiciously on the coast, and attempting to communicate with the insurgents, the American Government have sent a squadron of eight ironolads to demand her restitution, and to Indies. It is said that there is a etrong party in the States in favour of seizing Cubs, proparatory to a
similar proceeding against the possessions of the other European Powers in the West Indies. The Senate Gas coufirmed the appointment of Mr. Curtio, ex burg, of Mr. Shellabergar as Minister at Lisbon, Mr. Freeman Morse as Consul in Mondon, and
of Ir. Thomas Nelson ss Minister to Mexico. Mr,
Basset, a negro, has been nomainated by as Minister to Hayti, and the nomination has been confirmed by the senate.
that the - Accounts from Havanmah of April 21 state reported to be progressing
as commander-in-chnef has been Marquis de Caxias Emperor's son-ís-law, (Count d'Eu, has beed appoiated The Macessor, and left for A-cuncish on the 30 th March his services, Lopez whs in the Corderillas with some irrogular forces, variously estimated at from 700 to 5000 strong. The Maua Railway traffic was stopped on the 80th Maroh, the Government having refused a
gubaidy.

## TBarliament.

IN the House of Lords on Friday Lord Houqntow Suggested the issue of a Royal Commission to inquire
into the quegtion of emigration in relation to the present quate of parperismigration in relation to the present atate of pauperism, and into the expediency of
empowering the loor-law Guardians to raise the empowering the loor-law Guardians to raise the to be aupplemented by aid from Imperial reanornes, Commission, aud was partioularly opposed to noy Imperial addition boing made to local resources. The
the President of the Poor-law Board had at present
under consideration measures for improving the OvBrsTone and Earl GBeY denied altogether over-population, and contended that there Fere no more ablebodied men than there was capital to employ great demand for labour in the Australian colonies and boped that the Government would mot promote an artificial movement which thoy would find themelve
ill effects of unon rates in infreanims jauperisnm.
After a roply from Lord $H$ Hectiris the subject
dropped. Several Bills were advanced a stage. On dropped. Several Bills were advanced a stage. On
Monday Lord Redespacs asked the Government to declare what were their intentions with respect to the coronation oath, and whether they contemplated pro
posing any alteration in it in the event of the Bill posing any alteration in it in the event of the Bil becoming law. Earl GeANVILLE replied that in the judgment of the Government the coroantion oath
Was imposed on her Majesty in lier executive and not in her legislativo capacity, and that the Government did not think it necessary to propose of ARgYLL broughtin a Bill to amend the constitation of the Indian Council, by limiting all future appoint ments to the Board for 10 years, with power to the Secretary of State to reappoin to grant a pension of $500 l$. per annum under special guarantoes. 'lhe Marquis of SALISBURY expressed anproval of the Bill, but doubted whether the serviees of the best men for the Indian Council could be secured for 1200l. a-year Duke of ARGYLL stated that Lord Nayo, the GovernorGeneral of India, was acing on the policy of his pre decessor, by the avoidance of all entangling relations decessor, by the avoidance of all entanging relations could not see the slightest danger of an entanglement in Affghantstan alfars from what had been done either by eschewed a policy that was calculated to lead to suoh a result, and he hoped that the course he had adopted would continue to be followed. The Bill was then read a first time. On Tuesday the Marquis of ClaNRicarder moved the second reading of the Tenure of Land (Ireland) Bill, the object of which was to enact that hereafter leases should be in Friting, and that after 187 I all leases by parole should be deemed nul and void. Farl Granvilles eaid that the Government were not prepared to deal with the land question Bill would be insufi, snd were of opinion that the Irish people. Earl Grey supported the Bill, and said that the Government ought either to accept the Bill of Knibreisy, the Marquis of Salispury, Lord Athlumney, Lord Westrury, Lord Calrns, and time. On Thursday Lord LYTrisciton mored th sicond reading of the Inerease of the Episcopate Bill the object of which was to enable the Ecclesiastical Commissioners to frame schemes for the foumdation o Council the incomes of the by voluntary contributions, and to be not less than $2500 l$. a-year, The Arohbishops of CANTRRBURY and YORK, LOId PORTMAN, the Duke of SOMERSET, the CHaNCELLLOR and Iord Cairns, objected to the prin ciple of voluntary and subsoription bishops, and Earl StanHopes and Granvilus advised Lord Lyttelton not to press the Bill to a division. Earl NeLson and the Earl of Carnarvon supported the Bill, though
objecting to some of its provisions. On a division the Bill was rejocted, by a majority of 43 to 20 . Seven Festerday Lord Moxck ealled refranaed from votin, tion of our military foroe, and moved for a return of the number of militiamen who have pagsed through course of musketry instruction. The House wes left Tn
In the Fouse of Commons on Friday, on the motion Bill, Mr. Sprerion moved Metropolitan Ratway exemption in the Aot of last year, and compelling the The motion pros smoking carrages in each train Was carried on a division by a majority of 8 thest, bu bers being 175 to 167 . In reply to Sir G. JenKiNson prepared either to legislate on the subject of local incidence of the poor rates in England and Wales this moja of fulfillinar tho upol given to Sir M. I opes a fow weelnago, an ? contended that though the Government had the majority in the the people of England, if not of the three kingIrish chum into Committee on the Irish Church Bill, when the first clause, dealaring the title of the Bill, was agreed to. On clause 2 , providing Churches of England and. Ireland, Mr. Dismation moved that it be omitted, statiog that his object was to maintain the Royal supremacy, and to preserve the in maters of doctrine, worghip, and discipline. He contended that the omission of the clause would not prevent the accompliwhment of the disestablushment unless it were struck out the religious equality aimed at would not bo zainerl. The iglous equaity aimed opposed the amendment
courts, and that supremacy was ma
Dr. BALL contended that the
Crown was absolutele Crown was absolutely nenam th authority of the Church in Irela Mr. Disraeli and Dr. Ball, which upon a complete misunderstand Crose, Mr GRE Mr. Grates, if TELOT, and Mr. S. HILI. Apposed the ing the obnoxious polioy of MTTORNEX-GENERAL for IREMAD LET supported it as the Bryan be a ferten said that the Royal ${ }^{\text {bit }}$ be affected by the Bill. He objo Bill, and because, as far as he had Irish Churchmen, who depood to be passed, to have perleat and organisation. Mr. Diskabli Episcopal Church the benefit of the Ros Goneral policy of the Bidl. He gathen last aimiag at a system of Pree Che lan would not condescend to be prudent he te couse of I reland should bo postponet aru in one common ruin. On a divisina 221. On Monday Mr. H, Sienidas sertion in the Metropolitan la.lway B Drstrict Railway Bull on Friday for the : smoking carriages. Mr. Bughi
motion, whioh was negatived, on 188 to 167 . The House then went in relatiag to the constitution and poner of relating to the constitution sere postponed. Clanse 10, protion appointments to any
and clause 11, providing that all propent row the esiastical Commissioners the new Churoh body, sin
be dissolved, were agreed to in the absence of Mr. moved, as an amendments to prolong until the 1st of January,
would be to delay the transfer of the Cum to the Commissioners for 12 mon ths mome on a division by a majority of 107 , the 801 to 194 . On the question thas the as founded on a prinoliple of robbery an: $+\frac{1}{2}$ Mr. Cboss amidst muon intermption, diw said that the Opposition mas not to clamour, and would
allowed a fair hearing. allowed a fair hearing. Sir H. Hoars.
right of the majority to regith What he termed $a$ "miserable mincrib:" Hamilion and others proterted at
and appealed to Mr. Gladstone among his followers, After some the clause was carried
 providing for tho dissilutiont
tions and ceseation of right tions ani

## preserve their rights of peerage la

## press it, On Mr, Hardre mokion 10

 made to the clause preservinprelates and deans the title and pro Mr. On olause of that part which deducts the
to the curates from the income ncumbent. Sir ROUNDELL PALLis was opposed by Mr. C. Forxes sotict and Mr. Grabstone. After a amendment was negatived by 8 ms? numbers being 330 to 832 , and W. H. Gregory moved of ment, between the Teraplecs fortae ere buihl would cost 3, , inlwh,
cost more than 1, , 00, noul
Was prepared to take tho Care
Or it, so that no loss would ade gcore. Sir R. Pazmer that, if additional lan

## ${ }^{\text {andquired }}$



Mr. Titres
and that the courth of than The CEANCELLOR of the

What he culli 1 a "Tower of Babel" ant simess for less than $4,000,000 h$., Whereas tho expenditure on the present ,ovol. for additionsl land until the ant intended to bring in a Bill to
and better course would be to dissolve The site in Carey Etreet might in the Strand and the Enbanhment. the courts and their offices might be 1,000,000l.; and he suggested that the Whitchall mizht be plased in front of it. issue, and moved that the debato be After some remarks from Mr, Locke, Mr consented to the adjournment of the noxt. Mr. O'l Rricty moved for a Royal the late election for the city of Dublin. moved as an amendment that the Speaker
igsue a new writ for the election of a new fter an animated discussion the motion on a division by a majority of 72 , the
O 192 to 120 . On Wednesday Mr. T. ed the second reading of the Marriage motion. Mr. Sclater-Boora moved,
dment, that the Bull be read a second time months. Mr. O'ReILLX seconded the
Lord Buey and Sir Grorge Grey B. I1 as a measure of religious freedom, the Bill rested entirely on sentiment, failed to slow that the prohibition had n in Dature, or any sanction from revelaseres the Bill, on the ground that it was feclings of the great mass of Enghish a promotel at the expense of a fow havine deliberately broken the existing
to repeal it. On a dyision the second 93, the numbers
13
aut in reply 4 in Thursday Mr. Baurk, in reply
hi hion, tave a long explanation of the
ach he bas exeroised the prerogative of his accossion to office, particuarla, in ie recent reprieve of the convict Wiltshire.
Lord R . Montanr, Mr. W. E. Forsien Wo cargoes of sheep had arrived, one at
the other at Harwich, containing some with the sheep-pox, but they had beon at measures had been taken to disinfect Chumed the consideration in Committee Wurch Bill, taking up the 14th olause,
with the question of compensation. verbal amendments suygested by Mr. been accepted by the Goveroment, a long It and temporary curate, and on thic nembents: Sif R. Palaier mover an roving that the curate to be compentho neumbent's annuity shail be a
rate. On a division the amendment was majority of 93 , the numbers being 221 to Lase 15, regulating the compensation to wid te given to non-permanent curales at for every year they might bave served,
e ammprutut was nefatived by 220 to 107 . ed an a nendinent for the compensation anent curates by a gratuity calculated upon Mr. Gladitone accepted inis in the clause, it was finally agreed to. Mr. Broprick endeavoured, unsuccassfor diocesan architeots ; and Mr. ia. I fasled to place vicars-choral and chair an amendment in favour of the organists if eated by 814 to 199. In the middle defeated by a majority of 113 , but Mr fielded to a second motion to the same In Conimattee of the whole House resoluareed to on which to found a Bill to transcinl Service Estimates certain expenses chary control over the fees levied in the ferring the Irish Church Bill. On the
Mr. GoldNEY moved that a minimum sation for advowsons. Mr. GLadstone The House was left sitting.

## City Inteltigente

ALEEET, Friday. - Britise Funds:


## filetropolis ani fis Ficimity.

 THR Government $A N D$ TRE Volunterbs,-memorial, signed by many peers and membera of Parliamsin, all memucrs R Reho to the Secretary State for War, suggesting an inquiry as to the sult
ficiency or insufficiency of the present capitation grant andency or insufficiency or the present capitaiation and consequent efficiency of the force might be greatly improved without any inoresse of the Parliamentary grant, sad without imposing any additional car upo the time and service of the Volunteerg. Lord North brook, the Under-Secretary of Stato for War, has





## Tue Fister Cowontral Reyirw. The

General Sir J. Hope Grant on the Easter Review of Volunteers at Dover was publizhed yesterday. and partioularly of those of the ralway conppanies; but while giving eredit to the Voluntect force for will ness and intellipence, it expresses the opmon that caunot be really serviceable if it be not placed, whule uader arms, under some mure stringent millary control. "Such a large body of armed men mot amen able to any miltary clscophine maght," "t adds, "be the able to any mintary clscubine mimet
Dr. Invingatone.-The statement in the Cape newspapers that accounts had boen received of the safety by wry of the Red Bea appears to be untrue, 13 lid to have originated in this manner: A French traling vesan off the coast of Zanzibar commanatested the gave the intelligetico on its arrival at the Cape. Ar 18 Murchisou has received despatches from the viceconsul at Zanzibar, dated Maroh b, wo months later mention is made of Dr. Livingatone. The last intelligenco recived direct from him was on December 14, 1807, at which time he whe at Cazambe, 7 (t) miles from Zanzihar and no reliable intellirence has since been reooived as to his movements It 19 belleved that he recoived as the mass of fresh water lakes is at present travelina in the mass of crant.
The ambricas Mars. Sbryick-The PostmasterGeneral has received intimatıon from Mr. John Burns that as the Cunard contract has been rattfied, two powerful sorew steamships of upwards of sum the Vorth American Mail service, have been contracted North American Mail service, have been contracted

## Alseria.

Lambete Palace Grounds.-The Archbishop of Canterbury has written to Mr. Arthur Arnold that so fur as he is at present advised by those whom he has consulted, Who aro interested in the whe the sround people of Lambeth, he belteves inat the ground thached to hambeth Palace are more reany berding to the the inhabita leal
the wise and liberal arrancement or ms hro prede cecsoreation pround, open at all times to the public. The arohbishop states that his predecessors have for some time past given permission for the use of the kround persons have enjoyed the use of the ground for pur persons have enjoged the use of which it would have become useless of the plan which Mr. Arthur Arnold has suganted wer adopted. Mr. Arnold, 12 repin, hasexpreswet his regre at the decwion at wheh his Grace has arroved and pounts out that such a limited use or to Lambeth.

FINSBURY AKD Southwark Paris. - At the Friday a report was brought up from the Parks Commons, and Open spaces commatee, recomamendin) that the sum of 2000. be advaaced to 1 r. Mestoa on account of his contract for the formation of the orna mental portion of Finsbury Park; thes labels, showing the botanical and common names of the principal trees n Finsbury and soutwwary Parka be provided, at cost not exoeeding 15L. for the former and $10 k^{\text {. for }}$ the latter that, havipg regard to the oondition or sod during the ensuing season; and chat the eathantes of Mr. Woud for the fencing of the corners of the plantations in Finsbury and Southwark Pariss, amounting respectively and the work carried out. All these recommendations were agreed to.
STATE OF BLackhzath.-at the weekly meeting of
the Metropolitan lloard of Worke a deputation from
the residents of Blackicath end neirhbourtood pre the residents of Blackhenth and neighbourhood pre-
 of 1 lee memorlal, fateel that the lieath was raphdy beng destroyed by the costermongars and others who
wank possession of it, and unless effectuel measures Here taken it momid snon hemome a creas nuisanee. Whas a alequate polve , hitol over the roughs uho
 the Board to use the powere they possessed and put stop to what would render the heath no lonker a place of recreation, but a great evil to the inhabitants of this
district. The memorial was referred to the larke and Open Spaces Committee for consideration and report. Proposed Nrw Public Opficrs.-Colonel Clarke John Manners a plan for s range of public oflices from Charing Crose to Grat Geonge oireer, has prepared cardboard model of his deign, which has been insperted during the . Week by the Duke of Cambridge, Mr. the matter

HER MAJESTY's THEATEE. - The contreot betireen the Earl of Dudley and Messrs. Trollope wha nigned huns and the atage were entered jinto at the bexinging of the jresent sear. Messre. Trollope were bound
under luasy penalties to complete the whole by the end of March sad confident prodiotions were medo that the works would not be moomplished and penalties that would be enforced against them; bnt in the unpreoedented short time of 10 months everythiog has been completed, and the building is now in to00 dition to be handed over to the lemece.
Tower Stbway.-A party of scientifio men and engizeers visited, late week, the workt of the new Thames Stbwa, which are now making rapid prormes They were received at the Towar Hill shath by one of the direotors, Mr. P. W. Barlow, C.E., with the engineer and contractorn, who explained the nsture of tho works, and aceonupanied their distinzuinlued risitons
to the bottom of theshaft The desient was effected to the bottom of the shaft The deseent was etferted
in the old-fashisoned way, an in the bueket of a draw. weil, only that the buchet was worked by a powerful steam enkine. The strift. about for feet deep, enrased in slrong iron tubing for a connderable distance down, its lower part beng faced with stronk cy rludrial briekworh set in cement. At the bottom of the shaft a large rircular opeling forms the
ontrance to the tunnel, which has slready been several yards onwards, and which will be rapidly pualied arross the river There apmears, however, to be wary hate fear of an arruption of water, as tho there is cwery probshitts of this betnis contanued acrons from shore to share. The visitor expressed their complete confideuce in the success ofde work oan a new engineering problem to be solved, and there can
be little doubt that such a communication sornas the river will prove a great convenience to the publio
Gouth K bnsington Mersery -The Lord President of the Council has requested Sir Cuarles Wheatstone, sir Mirinei (osta, I rofessor Cyndal, hieut.
 Bowiey, to report on the acoustios of the new leotare theatre. There will be three trials, one by a lectare, With demonstraiuols, on musical pitch by roiessor Guthrie: a second by voices, direoted by Mr. A. Mr. ©ha
 on Thursday the Lord Major in the chair, to consider a memorial from the meas saleswen of the Metropohitan Meat and Poultry Merket, praying that they may be exempted from the payment of rates and taxes upon their premises, the occupiers ar the always free. After a long debate the prayer of the petition was complied with.

Admiralty Cleseg. - In compliance with the ent Admaralty circular respecting the retirement supend-class clerks, and three thiru-class clerks, in the department of the Accountant-Geueral, bave retired. Three who had volunteered to rotire from the ow erer is to be further reduced.
ChURCE CONFRBENCRS.-The council of the Churoh Nacochtion, the real promoter of the cuit a artin of conferences next month. Amonk the busioess to be o consider a memorial to dio wo archbighops, stating the precise poinat the same may be enforoed, and further appealing to them on the question raised on the 24th and $95 t h$ February, 1869 on the subject of the Lord's Supper, in the Houses of Convocation of Canterbury and York, by Archdeacon Denison and Arcanaacon Chu lity and other practical onntaction bee considered.
The St. Alban's Cagr. - The bill of costs in the base "Mertin 》. Meokonochie" having been seat in Macto $1500 l$. Which, under the alvice of the proctor and solicitor of the Chureh Association, the Council deeded to gcoept. The sum of 1500l. has dow been pial Iomo Secretary acting uron a prevous decistan of his predeEardley Culling Eardley, who was as short time since convioted of higamy, and sentenced to 18 monthes ing -
prisonment, The pardon has grated on the seore of
failing heath, which reatered it reecessary that Sir C.
Eardley shonld be removed from Coldbath Field, to the Soutl of Europe.
The Catertitus of G Her Majests s arew trou
Portamouth on Tueal 1 ,
portion of the dis



 persons were assembled about the pier to see them cilt, persons were the Woolwhich IRelist Committoo accom-


- A deputation of guardiand froma tho par ins. Clerkenuell, apponted by a pathe meetius of rateHayers, had an minternew with $\mathrm{Mr}_{\text {. Cioschacu o }}$
 in reply, sad that Clerkenwell and other parishes wanted to bo "left alone." But it was bas duty to look at the danger of leaving them alone, for pauperism years, and though suardians held to the opinion that they were doing their work well, he had beforo lim the fact that there was an enormous increase in the expeuditure for paunerism, He would not undertake seeing this state of thuas, but be should use has best endeavours to keep donn the expenditure and the poor rates, and paristies must bo prepared to gise up
something of therr traditional systens if dearable eforms were to be carried out for the general pood. THE IMbECLLE Pouk.-The foundation-stone of the new asylums st Caterlam was lad on Wr Cluesday by Dr. of Lord Wilham Lemnor, Sir J. J. ILamiton, Bart Sir Walter Stirling, Bart, Mr. J. (I. Talbat, M.l several an the county magistrates, the members af the of Works. After the ennelusion of tho ceremony, the company, numbering 200 perwons, were entertained at will contain socommodation for new bulding, whels females The contract for the buidiog has been taken it $83,6 \bar{a} / \mathrm{l}$, but the total expenditure before the asylum The Late Frauds or tre Clis
The late Frauds ois The City Gas Company
Mr. Justica Brett on Monday, with a view to deter
mine who are the rightful owners of the property he has left behiud. The Guarantee Soniety entered the premises at Teddingtrn aud solid a portion of the properts
been obtanembya beditor namet kuht Tue ale clamants came forverd execusiou relitor, rhar ciamants came forward, ani eventasily the sherif to be done with the property. Mr. Justico Bret barred the claims of others, and authorised the sherifl to resume the saie for the exectitinn creditor.
Forgery of bankers' ('afqras - On Friday
Stduey Webb, a clerk in the Provineial Bank in the Edgware Road, was chargerl at the Mansion House hy the Bankers' P'rotention Association, with carryme on an extranz dinary asatem of forging baukrrs' , hequses. since at Birmugham where he wna clerk to the gears and Dattict Bank, hy tracing otl ignatures of gomel chequea that mased through tho bank, and then fabricatiniz forreries. Which ho manaked to get cashed amonk the country banks through the akency of a Hobday was senteneed to 12 monthat two jeara annce Witeriog one of these forgeries In this mimanwhire lank, where he carried on matment in the l'rovinetal extended scale, anil aq eomn as Hobketay's tem a morn prisonment expirel he brourlt $h \mathrm{~ms}$ to terin of umput him into practice on the metmpolitan bankers To what extent pracice on the metmprolitan bankeru. At present known Hobday was azain captured on in Loombard Strept, Where he had uttered a forged cheque for 3 col. For there ho had uttered a forged quently hearion years' penal servitude, and subseand possersed hrnself of sum of mone hi lodging property from his trunts, he divulged the forgeries to ceethancers lown ttinn, who have taken these pro the aceemplice the eque was remanime the chidenge of the areamplice thm case was remanimt
Thiv Bank, whir hasturped on the bame - They affairs of and Gurney, became then atb, ent of a cramanal prosecution on Monday usannt the late manazer, Mr. Samuel Greenway Finnes, who was apprehanded on Saturday evenint at ()uernherry Lofge, Flotree, on a warrant fully lasuing false balance-sheets and papers relatise to the financial prasting of the bank, witn intent th
deceive the sharehouders. The prosecution was insti duted by Mr Lambert The prosecution was instibank, and who seemell to be sulp, inverted in the proceed inas by other sharehoders, Ttionsolimtor saud that the directors were as rulpable as the manazer, and the shareholders intended to apply for warrants in apprehopil them on the game charge. It sppeared that Mr. Finney had already miven evidenes in the (ourt of Chaucery on the affiris of the benk, sud that the prose-




 The elidert eluld wit thomen was a lad almeit

 in the afternoon that they nent mite the er ratm ta bice down, la on lour atherwards thes were fownd leat on
 steepa and that the mans attermario
 ful feelings on the previnus eveninzat the publes hanse which he frequented The man was tio yeary of age, and the moman 11 The jury at the inguest retirned a
 Weekly Report statas that in the week the ended on Saturday, April 17,4727 births and 3:11; deat lis wero the I'rited Kingdom. The annual mate of mertality was
 3- 1 n Edinturgh.
 Mull, 35 in Now castle-upon- 1 ithe and 41 in (ilatatow.
 the selen days mating the listh inst. In fondom tie hrths of lofe boga and lowi, kirls, in all $21 \%$ chalitren, were rexistereal in the weck. In the correspanding
 rexistered in I andor durnug the week were lisis. war the lifth week of the year, and tue averake number is30. The prexpent return, therefure, exceeded bs the estunated amount.


## 3 3robinctal.

Bristol. -The conviot Cherles Wiltshire, who was condemned to death at the lete Gloucester Assizas for great atrocity, has been reprieved by the Ilome Seere


 potior, was insugurated on Wedneclay by Eari He Crey and Ripon. CHEsTRE.-Mr. Bent, the attorney for Jamm. Mw. lsanzes for the murder of Jomes thatle the recert har rerelved a lettor fonme the ITome (u)tlice intimation that the seateace will be commuted to jearal servituta for life.
CiETER - -1 fire broknomton the 12 th inat in 3 sers

 The workment were at dumer, smat it is sathl thang lin

 intartor of than buthingzand the powithat bemp dentrozel Par lat the costractora a mome


 and was promed is to wher weprars at M/s month she strue on tho to k. tierforn in hilast MLeen arrosed safely in this harbour on the fullo, and morning.
Manchrater. - The mayor of this city receivell an he had ressaned his. Dilice of at Fowler last Wrak that Maneheater. It appoars that hee land ruan away is in


 thorwien-The execution of W. Hiams S , ..wart for took place on Tuesday withan the walle of the count ganl. The convint, who was sutfering from theumatism of the ankles, latid to be carried by two wandernatism to the resp, but when there he behavel with frmmen and resisnation. II is strukgles were sishlt an 1 hrias. Ther was a crowd of abmut $2(0 \mathrm{n})$ persons outsi le the gaol and an intimation that the extreme eentemee of the
law had been carried nut was made by the houtine of arge black flac. Incessant effarta were mivdo by the rienda of the monsint to obtain a reprifte, an wipheation was alan made to the . Ittorneg-trinersl fi. Writ of error. These effort pravel frutlegs, hoth the interfere Whilo these efforta wero procoedimus


 minht mis in dir the benelto of one of
 serpertaned by at exzmination hat mormins


 ruatual for thm outaile Thess nond Ur heal was utrack on the head by some
dichera, but mas mot serionaly turt. The cause Thatrophe was the undermintus of the fou l'ontrut 11 Ith. -A court-martial was
Thuroing for tho mand tre ofll, ar, Atal the olls em and creat of the lo
 atemding the lowe of the lerret was put in to at. I, after sexeral wituesse's had beon erim court hompurably acquattel the ofticers and an tan romenelog
P'rasics - The rumber of spianers, prate reaters tous on the books of the cheratio and Miner- $A$-ars latain is about 1 link), and dut on tha bowka of thate union frour han to are all now reeesving what 18 called" "strile unton wearer- rectusing is bid. each and sirviecta is arrisis dyinz out. The master, rumberg their tio is whintisy or parthally, hatuct as thas? wom? With the ex ciptan of 10 or $1 \pm$ that before the atrike froma hainess of trade or Rian In - The Thinot of limon $\because$ tire lien the hameh of the (lumeds

 will be atesed, and theref ore the exped wooident bn the [re mashther of Sir ('harles Mlussby
movement was besun to
thesr memors their memory. I pward unal for the familes frerymen No step lias efréa
 anougretion for a melumpal bridge achory
singabs ${ }^{{ }^{22}}$ and his friends, and prevent the and go of any similar catastrople.

GEL-- A fatal accident occurred on Wednesday the Delabole Slate Quarries, on the north ornrall, about four males from this place. to the bottom of the quarry, a distavce of carritus with it the ground on whech the ston pit at the time, 12 of whom were buried frightilly injured. The others are supposed iled. A litile girl who was standing close to mi, but eran Friday the number of deaths by the ous at Highnrooks Collorgy was inereased to $3+3$ the mquest on Monday the jury returned a verdict the efint. The list of those requiring relief ardout sint. 30 chaddren, and six others, who
mades 13 went upon the deceased for their support, ne maling stotal of 49 . The amount of the fund at fig78, whioh will not be sufficient to
or the necessities of the sufferers by the first Yobr. An influentinl committeo has been formed Tobk. - An infle of assisting the Rev. Charles Voysey, fros ineated against him by the A rchbishop of York the publiontion of a volume of sermons entitled me plang and and unsound teaching contrary to the ins heretical and unsolund the of the Church. The case will be tried at York.

## Fretand

Pbince Artertr, who received last week a cordial aption at Cashel and other places in Tipperary, left noughomi Castie on Friday norning, and oroceeded Dhese of Devonshire. The journey occupied five ans over a bleak mountainous road. The prince, in most warmly received by the inhabitants. In the Dingagrand bail wasgiven in his hogour by the ouke Devonshire. On Saturday a deputation from the ininceand presentedinaddress. On Monday the Prince
ted Fermny, and received an ardrress from the ted Fermny, and recelved an arliress from the Fas rece, yed by Mr. James O'Connell, Bishop
ariarty, Mr T. Gallway, J. P , representing Lord ariarty, ilr T. Galway, s, and others, who presented an address. Hos oral Figlitess remained at the loyal Victoria Hotel rina Ints stay in Kilarney, and on Monday visited por Lake by bost, lunched at the Queen's Cottage,
rrgeunnithy, bad tea at Glema Cotroge, and rerned to hillarney in the evening. On W edgesday the ince prited henmare, and was received a mile d dutriet and the inhabitants of Kenmare, and a mit number of the Lansdowne tenantry on horseback. ourch, convent, and schools, throuph which he pernoress, sister of the Lord Chancellor. On Thurs-
$T$ the Prince started for Valentia on a yinit to the ight of Kerry Yesterday he paid a visit to the
glo-Amerienn Company's telepraph offices, and cent message to the Governor of Newfoundland, and Kived an answer in three mınutes. He was to return

## Stotland.

Libergit INIVEbsicy. The Right Hon. John Hednesdny as Chancellor of the Tiniversity of bargh. Honorary degrees of Doctor of Divinity and distuars were then conferred on several gentleuocellor delivered an address, in which he dyelt ufly on the subject of university patronage, and on dita a conversarioning tho principal and professors Hadai by shout 1600 ladies and gaitlamen.

## Eporting.

## 

 Pratn's meating of the Unifversity Boat Club, hin ind on

## OJtuarn.

of Froall wha found dead in his bod on ThurrIner lereaner peer, Aythur Jimes Plunkett,
the neerare of $k$ illetn, if kulien Castle, county





 generation, san one in of the leading Roman Catholica
 ©f Mr Filias Corluaily, of Corbaltou Hall, county of Meatb, by
 hillech, who was born at apalou in 1819 , and who was for some his 1 smo . Farryax ded at Barnum's City Hotel, Baltimore,
lord


 ariptlon, sad was welf klowr, and regpeete \& on the of his Fuiffax who, having relunansled hik Figlish cstates to lia Wrother Robert, went oner to amemes and settled on a plantafnacrited from his mother, Catherino Colopupper, the daughter
and heiress of Thomas Lori Colepeppor, a Eitlo zow extinct. and heiress of Thomas Lorc Colepepper, a title now extinct.
He was the firat person who employed George Washlagton as a He was the first person who employed Georgo Washington as a
surveyor. Robert Fairfax duad in $179 s_{\text {, when the impoense }}$ estate dascended to the Rev, Bryan Paifaz, a becond cousin, of this nutice to ts the great gran is on of Iher, Bryan Faisfax,
 wod, ail Ahestran citizen The preorage dosecnas to h.s ruther Joln,
Sitr Hegh Sirmuler biana, Barit, of Blanefield, Ayzshire, and Culverlanda, Horks died on the 14th inst, at The Sir Gibert Blano, Mi D., one of the phyalchame of King George
III., by the otly dallghtor of Mr. A. Gardacr. He entered the army at an early age, nad served with the Scuts Fushlier Guards at the battle of Waterloo. After attaining the rank of
ifeutanant-colonel, he retired from the Barvice in 1831. He wad wom in 1703, and marrier in 1832 the daughter of Mr. John Armit, of Dublin, and slicceeded his father as secnad barovet In 1834. He is succeeded by hifs elsest sun, Colomel the Scota Fusuler Guards in the Crimean campaigra, and was of Sebastopol, ands atio out the 26th of Octriver. In 1850 he excbavged into the 58th Fuot, and in 1859 was appointed bruade-major of the Quoen's troops in Calcutta, wherc le was
military secretary and aide-de camp to Lord Lawrence, thelate Viceroy of India.
Jodie Dosses, senior judge of the Irish Lavded Estates Court, died a fow days since in London. He was appointed in 1857 , under the Ficeroyalty of Lord kginto
The Dowaokr Lady Farquan died on Tuebday at her Walter Rocklife Farquana, third laronet, and of Mra. Grey wife of the Hon. General Gray. She was the daughter of Wife of the Hon. General Gray, Bhe was the
the Rev. Morton Rockifite, of Wodfurd, Essox.

Wirls. - The will of General Sir Arthur Benjamin Clifton Wir Ls, - the wit Dragoon G inris, bas been 8 murn hatider
 Mossley 1inll, Liverpuol,
woreted zinner, $40,000 \mathrm{l}$

## fatarkets.

COVENT GARDEN.-Amil
Tho trade here las been somowhat livelier during the past Weck. Jough vegetables are a heavy trade just now, but
Cianlin mers anml apring Catbages leahso good prices. Brocculi is alsu in fili demand. Finc furcer Figs arc makilig Grapes and Strawberries, of which there ato sufficiont for the
demand, are of better quality. New Potatos aro comins in demand, are of better quality. New potatos arc coming in
large quantites from Lisbon and Mnita, and prices aro lowBs. to 12s. per cwt. Flowers chiefly consigt of Urchids, Migno
netto, Cyclamong, Calla gethiopica, Cytisus racemosa, Lily
of this Yollay. Fuchaias, Wallfowera, Polyanthises, German of the Valley, Fuchsias, Walfowers, Cinerarias and Pelargoniums, Elydrangeas, and Anemone日.

FRUIT.

| Apples, per bushel, 5s to 10 a | $\begin{array}{l}\text { Pears, per dos, } 18 \mathrm{~s}\end{array}$ |
| :--- | :--- |
| Pinc-npples, per 1 b , 8 s to 12 s |  |

 Lemuns, por 1in. $4 s$ to

## 2s BLES.

Artichokes, green, p, doz, YEGETABA Lettuces, p. ceore, 18 to is ed Beans, kidney, p. 100, 28 to ${ }^{3}$ Cablages, per doz, 1 s to 23 Carrots, per bunch, 6d to 10

## 

Caullflow, new doa 2 2s to 3 B
 Gelery, p. bund., Is od to \& 8 d 1001 to 150 s , p. ton,

 - Frenda Cos so to 10 d each Mint, per bunch, 18 to 18 Gd Mushrooms, p. pott., 186d to 2s Oniuns, per bushel, 16

HAY.-Per Load of 38 Trusges,
Surtiristr, Thuraday, April 9 s.


 Infarior do. Hew do ... 98110 New do.
 Fune Menduw Hay M10s tol20s Primelatentclover 1200 to 1300 Interurdu. Inferiar
Straw

|  |  |  |
| :---: | :---: | :---: |
| Inferior do. do. | 100 | 110 |
| Prime 20 cut do.. |  |  |
| New Clover | - |  |
| Inferior do. |  |  |

[^55]LEADENHALLL POULTRY, \&c


 | Do. chickens |  |  |  |  |  |  |
| :--- | :--- | :--- | :--- | :--- | :--- | :--- |
| Barn-door Fowis", | \& | J | -10 | 0 | Plucers | $\cdots$ | Freah Butter, 19, 2d to is. 4 d, per lb ; ; Plovers egs s ,

The continnation of a number of samall fallures amonget diced a great disinclimation amongat busers to enter into any g ang tu turn; purchuses have conseq fently becn mon are huited seale, an anathor in buyers' favulut. Cribestr Paifs of Enolish Wool. perlb.-s. -Southdown huggets
Half-ured ditto
Kent Fleeces
Southdown owes and wethera
Clothing
Sorta-Clothing
 PuTatos mot thwark, Mandiy, Aprit in
 Owng to tho extreme hent of the greater hart of the werk
the consimpl ion fell oft mnino than one half, and priees are
consicterably lower. considerably lower. The forlswing aro this day's quatations -
 Lothian do, 60 s, to 120 s , Perth, Forfar, and Fife do.
60 s, to 90 s, ; do Rocke, 50 s, to 60 s ; Fronch and Be , Whites, 40, to 60 s .

HOPR-Borovor MAEXTT, April 22.
quotationa being unchanged.
MERROPOLITAN CATTLE MARKET.
The number of Beasts is amailer, and more than half foreign trace is brisk for choice quadities, bit sluw for second rate, yet priecs are higher for all kinds The supply of Shecpis rates. Choice Lambs and lalyos are also dearcr. Oin forelig supply consists of 22,0 erasta, $10,9.0$ sheep, and 94 Calves from Scotland there are 102 Beasts, from IreInd, 40 ; frum
Norfolk and Suffolk, 800 ; and 480 from the Midland and

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            s. d. B. d
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Beat Scots, Here-
A. c. B. d
fords, we if 56 to 58 Best Long-moois



 The furelga suptly is Bhort, and consists of 235 Beusts, 753
Sheap, and 86 Calven Sheap,

Half treds


## METROPOLITAN MEAT MARKFT.-April 24.

## Best Fresh Butter

1es. per dozen lb


## MARK LANE. MaNDAY, April 19

There was again a slort -upply of Englash Wheat to this moruing's market, which was sold at a dectine of las per qr. uppn the prices of than day se'nnight. There was th poor
attendance, and very litile domand fur forsign Whent, the few sales made wera of a gimilar reduction. Barley mot a slow sale Beans and Peas were each 18. per qr cheaper Oats were heavy, and inferior sorts brought rather less money. Flour was dull et sale.




- Foretgn. grindingand distiling 20-26 Malting .. $44-49$





FrdDAY, ApHI 23 .
© Tho reporta of the growin' crups aro very antisfactory from
ali quarters, from which uo dotbt millura an iculora louk for all quarters, from whisl wo dotibt millore for the gast week a
 reduction of about is, per qr. in the value if home-grown ann Ereans at I.iverpool, causing at recovery of Is, per qr. in tha value of this artiele, wo bnd sproge corn of all descriptions it
diff cult ande at receng prices. Finir moted off sluwly, and
 out the coant duriog fromeret week, there ronn, inited for sale phast night 89 cargoen Tho tmade $1 n$ Wheat off the coacyt has
been very limitad, and prices show a further ruduction of boen very limitad, and prices show a firther ruluecionit of
 that day' q quo

$\underset{\substack{\text { English } \\ \text { Iribl }}}{\text { and }}$
Wheat.
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Ltvieprool Theoday, April 20,-The markot wes fairly


AVERAOFA.

| March | Wheat. | Barley. | Uats. |
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|  | 48810 d | 45s 6d | 2isiod |
| - $20 . .$. | 479 | 150 | 273 |
| - 27. | 465 | 438 | 271 |
| April 3. | 464 | 441 | 269 |
| 10. | 40 | 448 | 265 |
| 17. |  | 446 | 27 7 |
| Averago .. | 472 | 448 | 2\% 2 |

## seed market

Wo lave nothing new or mamortant to report this weel

 oxpcot much speculation in our tuanket Thero is

 fine n


 are now very eheap. Capary and Herrp beed are Both dearer
We have agod inquiry for Manuel and Lucestne scecd. Home teration
Joza BHAW if Sons, 16, Water Lane.
W ANTED, by a Gentieman residing in the suburbs of

 W inTED, a Garleriener, muxt boa good dor ing Gurtenery undirs tand the Managoment of the Lode diter Whoge Thor whe wil bo renured to attond ho W ANTED MMMEDIATELY, in $\operatorname{Lown}$ London Nursery, a



W ANTED IMMEDIATELY, a YONG MAN, Who
 W ANTED IMMEDIATELY, a YOUNG MAN, who

 ad Miarge, Kont.
W ANTEID, na WORKING CARIDENER,

W ANTED, 12 miles from Iondon a WORKING
 WANTED, near Dorlong, an UNTER GABDENERE $\bar{W}$ ANTBD, AB UNNIFRG GARDENER

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W M, CUTBUSH AND SON bees to stato that they



H XPERLENCED GARDENERS (or as GARDENER

CARDENERS (Experjenced).-Joseph Meredin Ladiea and Gontlemon requiriog the sbove that he has on his 1 R. WM, PAUL begs to announce that he has wad


To Gardenerg and Balilifg (Head, Foremen, or Under)
 unque日tionable referencean noed apply.
Aay Lady or Gientieman requiriog GARDENERS or BALLIFES

Cr procner (Hyad),-Age 40, married; thororghily
(TARDENER (HEAD). - Married, two children;
 (TARDENER (HRAD), - Age 30 married i has a


## To Noblemen and Gentlemen.

CTARDENER (HEAD), where good general practical

CARDENER (HEAD), -HFNRY Youedi, late of the

$G_{\text {ARDENER (HeAD) - Age }}$ 33; well qualified to take
Establis emtire Management of a Nobloman's or Gentlernan's

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GARDENER (HEAD, or good SINGLB-HANDED).-
 CA.C. C. 2 Hinton Vitas, Loughmonge Park, Rant By (TARDENER (Hrad, or good Single. Fanded).
 CABUENER (HEAD, Workina) --Age 30 married, Viano, Fruith, Greentoutbe, and Fower and Kitchen Gardening in

$G^{\text {ARDENEH (HEAD), where one or more are kept. }-~}$

GARDENER (HEAD), where one or two are lsept.


CA. Elatree, Edgware, Herts, N.W.
 ( ARDiNEEH, or as Kitchen Gardener in a Gentleman's

GARUENEH Noblemen and Clentlemen.




(YARDENER, or CULTIVATOR of Soft-wooded Plants

 GARDENER (SNOLE-HANDED).-Age 30, married
 ( ARDENER, where two or three are kept, or as


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(T Four year ( UMDER), OT to Tr Four yerars chanacti, or
CARDENER (UNDER), either Gonit

Eadd, Bincklientin, Remitis 8.E.
$I_{\text {Centimans }}^{\text {MPRROVR }}$
MPROVER TO To Head Gardenaris
Mormpton Court, Leominiater.
A PPRENTICE, or IMPROVER,
warb Riven - J. Armathas,
Redditch Worcesterahiry
HolemMAN, in a Noblem nn's
HOREMAN- Age 25
Horeman,
FOREMAN, Nobleman' 
DROPAGATOR or PROPASHORP Has had many yeere exacrienco in yin
PROPAGATOR TO Nursexymer.

I AND STEWARD, GARDENER, STOCX

$A^{\text {SSTSTANT }}$ To tho London goon zima
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T E TEETH and BREATI.

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ROW LAEND
ODONRO, or PEATR
WHEN the HAIR, through weaknem
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nfroeable, and no pomade or bair ol
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TORTO The Best Remedy for Indigestile

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SATITDA Y; MAY 1, 1869. frblic btillinios, ac.

 Yreess netion keln in ture
 . Pbill and blliptic builers, from tace eacth Diovit ond ExTMA STRONG CACT IRON TUBLLAK -T WHOVGET IRON PORTABLR

an Burs Iron Whar, Uphor Grouth itroet, Loudon, s.E.

price Litit on applieation.


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## NOTICE.

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 yeart, and whicl acomered tts purpose admurnbiy -Y. Mrs Tespect "Y S -Wo had 300 dozen Apricots inst year os wais prowetiod
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bog to saban luarpices mound
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End ary excutad by the Coma pruvements.


 ()ni, of MINES. Jermyn Strpet that, on MUNDA\} NEXT, May 3 , at
courbu, ery week-day but Eiturday, at the THENHAM RELKs, Registrar. WATER COLOURS.
XHBITION Is NOW FXXHIBITIUN is NOW WhLiAl CALIOW, georotary.

## 

- The Queen and Royal family oontinue On rriday the Queen drove out with Chrstian and Princess Louiss. Mr. R. B. hay hie Queen drove out with Princess e Christisn, chen arnice, and Mrs. Morier. The Right Hon. G. the Quecen and andon an a visit. On Sunday
tertire at Onborne. Tho Ramily attended
In the G. Prothero at O.borne. The Rev. G. Prothero
the afternoon the Queen drove out On Monday the Queen walhed the grounds with Princess Christian.
Hon. G. J. Goschen he Queen drove out with Princess Falked and drove in the mrounds Chrstian. Mr. and Mrs, Morier left Cbristran. On The Queen drove out The Duke of in the grounds with arrived from London, and presented , Prince Alı-Kudr-Husun-Ali-Baha-Soliman-Kudr- Fahid-Ali-Bahadoor, Chncss, and Colooel Frederic Layard, In the afternoon the Queendrove
Carintan nad Princeay Beatrice Queen held a Privy Council, Eari Mon and Yiscount Sydney had Provesses, Prince Leopold, and Prince will leave Osborne, on or about and return to Windsor Castle.


## and then proceed to Buckingham Palace, after which

 Roing to Scotland. It is not considered probablo thet the Queen will visit Jreland this jear, as has beenannounced. The Phince axd Prizcesa of Walks are er pected to leave Corfu to-day for Brindisi in her Majesty's shp Ariedna.
aturday in Josn - A Cabinet Councll was Leld on Parlisimatary Morementa - The election for Brecon termuuted in the return of Lord Hy de the ohn Hamulton, the numhers hring 891 to 328 .
Tbist of Electios Pritiona-The trial of the Has concluded on Thursjay before Jannee Blackburn,
who deciled that Mapor inson, the penioner who had clamed the seat, on s"ritinv, hat perised that he Costs to bority of rotes, and was therefore duly olected. Costs to be borne by the respondent. The Conservative Mr. Hoskyng for Hereford hat been sbandoned, the Conservative candidates having dealiaed to alaim the sests.
Arrifal of Tife Cifansel Flebt.-The Channel squadron, under the commend of Vice-Admiral Sir Penelone, under the commanti of Resr- Admital Ryder, Northumberland, Wirrior. Bellerophon, and lercules,
 Sir Alexander Milne has been appounted Commander-in-chief on the Mediterranean station, in tho room of
Lord Clarence Paget, whose period of expired.

## Foretim.

Francr.-The Journal Officiel of Wednesday publishes two Imperial decrees, the first dissolving the Lepislative Body, and the second convoking the electonacerning the publication of the above decrees throughout the Empire. In the sitting of the Leglslative Body on Friday the whole of the ordinary budget was adopted by 2.6 votes against 15 . The first passed. The Senate discussed on l'riday the Bill relative to the grounds of the Trocadero. M. de Maupas attacked the policy of M. Rowher. IIe ramintained the abolition of the was oot homogeneous, and demauded from M. Rouher in reply, the lsill was adopted In the aitting of Mrinday, the extraordmary estimates were passed by Ditin votes aqamst I!. 'Ine Bull relative to the pensions of ohd solders wis aldopte 1 by $21 \times$ voteaganst 6 M S.hneider, the Preaden', then dehivered Chamber for its sympathetic co-operation, and praised its enlightened aud patrootic devotion. He added, -
"The legialation of this seession will make its wark upon
history We have advanced with a frm etop in the liberal history We have advanced with a Arm stop in the liberal
devolupmot of our fustitutions , Rssertini, our control with.


## givch eff with mugrese

 gratisude tuwarde the Euspero
M. Schupder then read the decree closing the session and the Deputies separated amud loud cries of Long implies that Prance has given up the point sbout the Belcian Rulway Cunsention, and that as an equisalent for it a murad commisulon will shortly be nominated to consider the points in dispute. It is now stated that the Emperor himself interfered, and that at his surrestion the extreme position taken up by MM. Rouher and De Lavalette has been given up, and M. Frere Orbs ionosal for a sertice convention stipulating a rigat of way over the Belgisa line for oertain trains diapatched from Strasburg has been acrepled.
Spain.-In the sitiog of the Constituent Cortes on Friday Senor Orense, membor of the Republican party, annotinood his intontion of bringing forward a propoition for excluding from the firose mernbers of any branch of the Bourbon famisy. The Cortes should not deliberate upon the Republican motion, add, at the same time, will thernselves propose from the throne. In the sitting of Saturday the affair of the Patrisech of the Antilles was discussed, and a motion was made to declare the conduct of that prelate subversive of public order, 'I'his motion was, however Whldarawh on Marshal Serrano stating that he should consider ite adoption to imply acensure uponthe Govern ment. Senor Garcia broaght or ward a motion askib the Goverument for policy. Senot lozagg, in replyigs, oxplained the motives of his resignios th absy Paris, and assured the House that the rench Government would relerence to the finture government of 8 psin, whatever they might bo. The debate on the proposal to exclude members of the Bourbe the etting of Madar pain was adjouryed. debate on the dran of the constituso Two amendments relate to the therion were proposed but rejectod. A depuly or the mivority, in the course of the dircussion, made ap an Catholicism, and was called to order by the president, thereupon the Republican minority lelt the Chamber in body, but subsequently returbed and tor parb in the debate. On Tuesday, in consequence of the Republioen

Deputies having left the Chamber on the previous day the Cortes agreed unanimously to a vite of contideure in the presidency of Senor Livero. An anemdmat proposed bv Cunoo Monterola, denat dulig the wian t.terola. in his speoch.
 Deputies protested. In the att 1 me of Wialtamatar an amendroent moved by Cur hamal Che Cola demandine that
 madef, snounced that all arrangemerite had bew adied or the payment of the ball-yearts mopons. He untfication of the debt, but tuat a wordit be romase the effect such i measure when the thanemal situatiun abroad but the Goveromet wean sell rementel informatom as to the actual resule of the -ub) withe
 accouplished in perfect order throughotet the country excoptiog at Avia, where the resixtance olfered by the erans iaterested led to the drawing beng surpenden the correrpondawoia stater that the Duke diosta will wecept the Bpanish crawt if it be offered him.
Pobtcoal. The King of Portugal opened the Pession of the Cortos in person on Monday. The most

 the revenue, His Majeaty ntater that several moctarcs
to improve the finances would be introduced

 asked the Government for informat. it re-jecting tho railway question now pending mith Frathe Tho
Ministor of Public Works replied that the jr ment was not int opportuae momerut to apprapeht ne duschssion by $2 \pi$ votes akaikist 11, the [311], as amender by tho committee, for the abohiton of imprimnment for debt,
 penalties inflicted for the contravention of the law In tho sitting of the Senate on Thursday, M. Vander question, said that a commission would be apponated to investigate the pending questions with France, and which solely bear upon the conclusion of a convention be of a nature to satisfy the requirements of both ountries. It was expected that the final solution would ie found equally accoptable to both France and Belpium. and Trien-

 to three months' 1 mprisonment two to two montlis, and 11 to one month. The others Tads of from 15 to 18, were acquitted On the condomned leaving the court, the police and gendarmes liad great difflculty in approach their companions. approach their companions
thape requested M. Marzin in ach is saic
Horlasp.-The line of Count Tilly, the celebrated opponent of Gustavus in the Thirty Years' War, has just become extinct by the decease of Comnt Cliarles ipe old age of 85. He lad been Chatherts in the King of Holland, and a memuer of the E fuentrian
 in 1356; and of his desoendant above alluded to Tho wan peneralissimo of the Catholic Lesgue in the 17th contury
Prlisila--In the sittiug of the North German Parlament, on Saturday, the Federal Budget for $18 \% 0$ was read a second time. The revenuo is estimated at $0,958,159$ thalers, the permanent expendithre at halers. At tho second sittins of tha International Conference on the subject of the care of the wounder in war, parayraph 3 of the programme, which relates to voluntary ald for the wounded un naval warfure, was
discussed. Tho Committee's pronusals to employ essels for rendering assistance during and after the aghting, and also to reoommend the use of a Yellow asg as a signal of distrasa, were adopted. On Thurein French from the International Conference. Bin Majesty replied in French, and said
'Your work has adoptod with hooour the grand ldes of declaring neutral the hofpitche for the siok in tho timo nf was undortalcint, in which all are equally intarentea, whill not
 may $2 t .0$

Pavaria. - The Bevarian Diet was olosed on Tharsday by Prince Adalbert. All laws which have passed through rown sation.
the Royal savenor. commandant of Prazue has causod offeial placards to be posted in the strects, announcing affecial piarardsed by all the Ministers, abnlishing the The placerde appeal to the good sense of the people to The placardg appeal to the
Austria.-After three days exciting debate the Lower House of the Reioharath on Friday rejected: motion brought forward by the Polish and clemea membery to pass to tae cruer of hat day over the opponed by the Minitar of Publio Inetruotion. On

## THE GARDENERS CHRONICTAE AND AGRICTTTTRAT GIZFTTE

Saturday the Lower House adopted the Bill. Bofore
the discussion of the paragraphe commenced the Polish, the discussion of the paragraphs commenced the Polish
Sclavonian, and olerioal members declined to take any further part in the discussion, and left the Chamber The Upper Houne in the sitting of Saturday elected its members of the Delegation. It 15 stated in commercial the Ministry of Finance for the Cis-Leithan provinces shows a reduction of $5,000,000$ forins in the expenditure HUNGABY.- Both Houses of the Hungarian Diet were opeued on Saturday by tho Emperor Francis
Joseph in person. The speeci from the Throne stated that thourh the State organisation was revulated at the last session of the Diet, still the favourable results then arrived at werr not in themseives sufficient. guarantees for the welfare of the country. Bis Majesty,
therefore, invited the Diet to co-opernte with him introducing domestio reforms, and promised that to that end Bills slould be laud, before it relative to the civil nud criminal law, nuniccpal reform, the roorga-
nisation of the Upper House,
en revision of the nisation of the Upper House, \& revision of the
eleotoral and Press laws, as well me meases in
reference to the right of public meeting, association. reference to the right of public meeting
superior eduational
establishmente
versity systent, commercial regulations, jointflock conpankes, nell raiway, public works, regard to foreign politics, his Majesty said that the Priendly relations which subsisted between him
and foreiga Powers permitted him to hope for the and foreign Powers permitted him to hope for the
maintenanoe of peace, so necessary for the exeoution of internal reforms. This speech mas received with loud cheering. During tho lnuugural ceremony the the Royal standard on the castle of Buda. The cereJony of unveiling the statue of the Palatine Archduke Joseph took place on Sunday. In the evening Coont Andrassy gave arand bali, at which the Emperor and Empress and three Archdukes were present. panied hy the King of Greece. left Athens on Saturday for Corfu. l3y order of the Ministry of Finance Fith consent of the Bank, a considerable amount of paper money has been withdrawn from circulation, thus reducing the last loan by almost one-lale.
ITALY. -From explanations which
between the principal members of the cabine passed leaders of the earliamentary parties-Right, Third, aud zists amouy them on exinatce, and internal od questions of foreign policy,
finstration. It is expected, therefore, ihat a coalition betrueen these parties will shortly take place, and be followed by modifications in the Ministry General Menabrea and Count the Cabinet. In the sitting of the C Chamber of Deputies on Tuestay the Government Bill for the provisional exerciso of the Budget until the ond of June was passed by 175 votes against 54 Signor Ricoiardi ques-
tioned the Government respecting the rumours of tioned the Government respecting the rumours of
Ministerral mulfirations. Geverai Menabrea and
and Count (ambray-Dunyy renied that at nereent the Count be benamed unchangeed, and that no mod fication
cold until the Parliament pronounced an alteration nereessary or expedient. An An animated debate followed, and Signor Ferrario declared that any change in the attitude of the Piedmontese Deputies The Hild be solely dictated by the interests of the country Thie High Cruirt of Appeal has concluded its examina. tion of the Pena? Code, and has declared unanimously
in favour of the abolition of capital nunishment General Menabrea hns presented to the Sunate Buili prohibiting the illioit depportation of children organ boys and wandering minstrets. The in vestigations concerring the conspiray. The Milan Mhow that it was entirely confined to the part of the Garibadians. A A Mazzinian centre in the respondence with the conspiratoris at Milan, was discovered on Sunday at Florence. A quantity of arms arrests have been madion have been seized, and several Naples on Sunday morning in the Napoleon, and left on Wednesday for Messina, Tunis, The King of Italy left Naples about anboli on his way bon-in-law's arrival.
Papal Statres-The toteal amount of the gifts preversary of his Pope on the occasion of the soth anniversary
$800,000 \mathrm{l}$.
and
TCrigex.-The Viceroy of Egypt is shortly expected Wes fint on thole. A very smart shook of earthquake
sensibly the the solidest into hat Conetantinople, shaking rial damage. The shock was folt, but doing no mate Bosphorus and as far as the Prince's Islands.
Sirdars of Turkestan have of Badakshan and ant the their alleziance to Shere All. The son of the ex-Anveer Azim Khan thas his warm thanks to Lord Me Ameer, having expressed tory greatly elated at this news, which he attributes Khyber tribes acconference. All the heads of the CHINA,-A despantch from Sir Amoer from Jamrood. the Brivisish Consul at Shanghai Ras beeno publisheck to the subject of the int introdughai has been published on gromisinto China It gays that, notwithbtanding the and America, the Central Government at Pekin shope no desire for progrens arceording to $W$ Ty estern ideas and introduction of the contrary, will not yield to the sorroduction of any surch prypects exepept under pres-
mise and coercion. It is repurted that some Catholic misaionaries and several hundred native converts halic

adjourned for the Enster recces, ätter having made
good progress with the estimates, and voted half a million in supply. Thio Now South Wales Parliamen was to be prorogued on the 2d April. The Duke o
Edinburgh had laid the foundation-stone of a Captain Cook, nnd was to leave SJdney in the Galatea on the 1st April, for Ner Zealand.
AEW Zealand--Advices from New Zealand state rages upon settlers, but have been severelly punished. A great meeting had been beld, at which it was the rebels. The slip St. Vincent, of Glaskow, was lost at Cook's Straits on the 14th of February, and all on board, with the exception of the mate and carpenter were drowned.
United STates.-Mr. Motley leaves for England on the 19 in inst, and Mr. Washburne for France on
the lst inst. The Senate has rejected the nomination of Mr. Henry S. Sandford as United States' Minister to Spain. Hery S. Sandford Gas Unted States Monnent wher not interfers in the Cuban affar further than for the protection of
American interests. Two wooks ago tho belief was American interests. Two weoks ago the belief was
thut some act of recognition would be made, but the Views of Government ohanged on intelligence beink
received from Cuba that the insurrection could not received from Cuba that the insurrection could not
sustana itself without active foreign ald. As recognition might involve Amprica in a war, any idea, of nterferance seems to be abandoned. The steamer Uselda was wrecked on the 2 2th ulto. on the Missouri
River. She ran over a snag and her boiln River. She ran over a snag, and her bollers after wards
 oompletad this week, a junction having been made at
Promontory Point, Utah.

## Barlanment.

In the House of Lords on Friday Lord Monce called attention to the present coudition of the military force, and said that the prosent coution of the regular army was defective; that the reserve was a force mainly on paper; that the militia, which was the primary reserve
of the country, required reforn in all of the country, required reform in all respects,
and that the Volunteers could not be treated as and that the Volunteors could not be treated as part
of the stand ing force of the kiugdom, inasmuch as their or tue standing force of the kingdom, inassmuch as their
rolutary origin prevented the cultration of the docility essential to military efficiency. He sugzested he adoption of the short service system, zs exemplified in Prussia, and the abolition of the purchase system. to take steps for the reorganisation of the forces by shortening the period of cullstment and making service in the reserve corpulsory, and for improving the
efficiency of the Milita by property qualifio Militia by doing away with the defects in the billetino system Thers, and remedying bildag said that Lord Monck's system ore or aconscription. Atcersome remarks by Earl Delawark, lord Daliorsib, and Lord TRERO the subject dropped. On Monday the Earl of Lissuore, at the whicest of Larl gras hille given portponed the question of assassinations in Tipperary. Tue Mlarquus of BATH daily in Ireland the Governe being murdered almos early opportunity of announcion the mensure an contemplated with regard both to the measures they conutry and the land question. The pence of the
Warquis of
Wester Westareatr, Lord CATPNs, and the Earl of Malyes-
nuty concurred in this opinion. The Maraus of RURY concurred in this opinion. The Marquas of
CLANRICABDE moved that the House should qo into
 Ear Granville suggested the withdrawal of the Bill Earl Grey, Lood Westrify, Lord Caibns, the Duke of Sourbser, and the Marquis of Barg, contended
that the Government ought at once to policy on the Irish land question. the Duke of Ahoyll concurred in the suggestion that the Bill should be postponed, and the Lord CIIs Cellor said that the Government would not take up the land question until the Irish Church question was settled. The Bill was ultimately postponed to the 25th May. On Tuesday Earl Ressex moved the second reading of the Life Peerages Bitl. The Earl of Derby said that although the measure conferred many advantages, yet as in these days the prerogative of the Crown had come to mean the wil of the Minister, who was dependent upoa a majority of the whs the desirability of increasing the power over their lordships beyond that which the Minister already possessed. He was of opinion that the much power to the existing Government give too standing the number would years. The proposal to make aminerce in sur seven and literature, and the oceupation for 10 yone, art, seat in the Commons, he decidedly objected to, and would prefer vestior in the Crown the discretionary power of choice Gran villef could not agree that the Bill would give day, inasmach as the the Crown or the Minister of the creatinganuch as the Crown had at present the power of the whole, he was glad to find that the principle of on Bill was generally gaccepted by their lordships, and he bad oo doubt that in Committee they might satisfactorly of MaLMesbury in cond some observations from the Earl Earl Russela in its defence Ition of the Bill, and from that the measure was one, Lord Cairns pointed out upon its delails, and he gathered from the depended lordships would be with certan modifications, thene remarks by remarks by Lords Denuan and Fry ERsimam, in oppo Earl Grey moved the second reading was agreed to

 LeITRIM, DENMAN, and
 hat the Opposition rejected
divivion the second reading
by if to 33. by 77 to 33 . The amendm
was then agreed to Yore moved the oneon Thu
Dilippidations Bill; buto rand and ty tha adizicor than
 recommendations of throduced nquired into the subjec he second read ing of The Dak Amendment Bill. Lord Coremsenc explanation with regard to the max the revenues of whether orders of the of the votes of not bectary of s CELLOR said that the existed, and that in Was suprem that in all matters the bo to and the Marquis of LIFBDEx, Lond doubt on the subject, and that thought the declaratory enactment los thought the law would not be made ciane
sive defining. Un the motion for on the Militia Bill, suggest ons were made by Lords Hard The Bill then passed through Norfolk Island Bishoprıc Bill wis read passed. I esterday Lord Wrstarbr mor A mendment Bill ands Copyright Cot copyright in art, and give to foresgere the sa me benefits which Eaglishomen es The House was left githing
In the Commons on Friday in Come Irisi Church Bill on olause parg the Commissioners to determ compensation, Mr, GoLDNET renting them to the sarue bas ment resisted the amendment which wi a division by 273 to 16 t. Captan 18 noved an amendment compeling the for tors of the advowsons, but to the owe discussion the amendmeat wi prohibition on the folding moved an addition, evabling
laity to meet in General tion, and to make lars and the government of the Clu
STONE and the ATTORNES-GES opposed the amendment, whirh was SHERLOCE moved to omit the 20 th clanis
SHEA the Clurch but eventually withdrem clause was ordered to stand part of agreed to without discussion. On tbe all moved an amendment, with the holding more than 30 a

## ry other eccles

mendment was rejected by cis la lise, rt. redemption and commutation terests, by insertin tion compulsory ears income, such sum to bo pard and Sir J. Gray as an indrect attema ground of simple justice to the laly was megatived by $29+1$ to 101 , and the o stand part of the Bill. Progres Bix clauses having been acreed to.
House agan went into Committee on House again went into charses for dilaptdat may bo liable, should be a char agreed to without amendment. ing the euactments with respect to
in the Commissioners, Mr. Drshatir ment that the runed churelies s. public worship. Af ment \#as agreed undertake to keep may require for providing t
ments, of not $m$
large to be kef
by 252 to 132.

Wht, is? ?

 Glitative, in resisting the nuotion, intimated that
metren and and Thursday the point raised by the soesame ir Glabstose gave may, and the further
cos. $n$ Mr Gn Tued aj Mr. MAYABD announced that he would suterae the erection of the courts of law on th.
Tbines Embankment, between the Temile and King' coswe, on the north by Howard Street and certain suall lapee in conthuation of that line. It was that all the law courts and their offices might be wide that he had received a communication whem lard Chief Baron Kelly, conveying the opinion Emhanknent would be the best site for the Bench the laar, the solititors, and the general public. Mr. rion respection Greenwioh Hospital and the apr protion of its revenues. The main provisions of the Bill wes thempty Greenwteh Hospital and the uffirmary y transferring the confirmed invalids to Haslar and ismicuth diaspitale, ourged seamen of the Royal Navy extencion of the system of out-pensions, ntan the Walls of the hospital. The pitl also pmplosed hjence," by handing over to the Board of Trade sens nors to officers and seamen, of the Mercantile

 Cefom the to inquire into the Scoteh Game
Lane After a long and desultory discusion the muitun whs acreed to. Mr. MONSELL moved that the
order reeenly agroed to by the House of Commons, order recently agroed to by the House of Commons,
on Mr . Aewdegate's motion, for the production of of the lyuke of Edinburgh by ${ }^{\prime}$ 'Farrell, be rescinded. Ather somo remarks by Mr. Newdegate and Mr.
$W_{\text {hilify }}$ in oppostion to tho motion, and by Mr. Irilizy in opposition to the motion, and by Mr.
Iirse in its support the notion was carried on a
dis han hy lis to 15 ; Mr. Newdegate and his friends wihlrawing from the House and taking no part in the read nz of the Beerhouses. Bill. Mr. Brcem, on the art of the Government, said that he would not oppose its furatoon to two gears. The Bill was read a diond tirne, after an attempt by Sir R. Clirron to On Werloenday the Imperial Gas Bull was ordered to for tent ng audit of the purpose of considering clauses in the City of London Gas Act, 1868 . On the sugreswere added to the committec. Mr. DENMSN moved nit habolishes the last restrictions on the compemotwndents in the Divorce Court, and plaintiffs and ifetedants in actions for breacho of promise of marriage zanamendment that the Bill be read a second time tren lmeat. The AtTosNey-Gunerar seconded the AMPELETT supported the Bill, and the two latter pheopers. Mr. Hile did not press his opposition to a T, Tision, and the Bull was read a second time. Mr. Hopptal Rating Exemption Bill, observing that of the on s.and not to those instituttons from local taxation If Binfs Mr. P. W. Markin, and Mr. Cowber,
and opposed by Mr. Goscmen, Mr. Sclatel-Booth, shart of the arrival of the hour for adjournment, and Mat steps Lord J. Manners asked the Government pperary and Weatmeath. Mr. C Forter thecte preas arrarian crimes. They had put the Peace rizour, but, further than this, he declined, on the ikings of poliry, to state what measures they were Opposition, that he notice, amd loud cheers from the thention to the condition of the following night call theo went into Committee on the Irish Church Bill,
resuming the consideration of the $2-$ th clause relatug to
plebe-houses, and of Mr . Hisrath's ammendruent on day the point where it was interrupted on Monhot to press it in amendment omitted all the conditions in the elaluse. and proposed to pise the glebe-hounas baek with mi ment should be required, at leatt for thosn for repaythere was to bulding charke Mr. (ilapintove now ay mat wornment was umable to consent to ustified on the princuple of relicious equality Iorit which the Mas contrasted the different principles on reated, and contended that Mr. Gla dutone had made out ao case for this signal breach of faith. Mr. Batiwell speat the Grovernment had wot made this concession as
that the Mr. Message of conciluatıon to the Irish Protestants, the same line, and urged has co-relugionists to join in requesting the fovernment to hand over the glebeMr O'REILLy. Sir J. Esmonde, and the O'Conon Dos, on belalf of the homan Cathuhtion refosent to
 supported tho amendment. Sir G GBEY regretted that the Goxernmeat had not freely fiven over the glebes, and honed they would reconsider the point by a majority of $91-314$ to 204 . Thus clause and the noxt was then agreed to with a fow verbal amendments On clause 29, regulating the conditions under which private endowments founded since $16 \mathrm{~h}^{\circ} 0$ were to bo omission of tho date 1660 , so as to inelude in the Mr ITuna all ondowments, without referener to date supported by Mr. Chaplis in a maden speech, andeh elietted checrs from both sides of the llouse, After some remarks by Sir R. Palyer, the ATtuenke Genebal for Irelind, and Mr. Bali, the amendment of Mr. Disraeli was pegntıved without a diviston, Mr. Hardy then moved to omit the year " 1 Gfin" from the clause in order to insert the date "lision" On a belng a majority of sto for Minsters. A proposal by Sir Mergate to return to the Church the alebe division by 103-283 to lao After the claumo had been agreed to the CHAMBAS was orderel to reprit progress. Yesterday, on the mollon of Mr (ilatintuly mormas sittings were agreed to Mr. (imavia ealied his bie to revents in Irelan, andes on present disorna land question was ab heot of the Government for a declaration of their policy. Mr. CHICERESTR FORTESCOE considered the hon. gentle man had dramin tho dark pieture of the state of Ireland. The House was left sitting.

## (lity Entelitgente.

Monry Market, Friday. - British Fendq Consols closed at $93 \frac{3}{2}$ to 938 for Money, and $93 \frac{1}{2}$ to 934 for Account; New and Reduced. Three per Bills, 3s. to $8 s$ s. pra.-Fureign : Brazilan, 7989 to 804 Danubian Seven per Cents, 76 to \%ail Ditio Eight per Conts., $87 \frac{1}{2}$ to 89i, Egyptian (18961), 8is to 87 ; Ditto Raibay Debs's Seven per Cents, 80 to to 80 , Ditto

 Cnited States 5-20 Bonds, $80 \frac{1}{4}$ to 801; Erle, 21
-

## fixctropolts ant ty Foicinity

## The Government Opfices. - Dover House

 Whitehall, has been purchased by the Government and it is not improbsbie of buildings in connection with the Horse Guards, when that department is amslgamated with the War Office.Covent Garden Theatrbe- - It is rumoured that the Government are norr negotiating for the purohaso
of Covent Garden Theatre for the purpose of usiog it of Covent Garden Theatre for the purpose of using it as a central station for the telegraph system, when the been conclude
Valek of Pboperty in Regrnt Street.-The old-established premises, known as Newman's Yard covering about a quarter of an acre, and held on Crown leases for 54 years unexpired at about $200 l$. per annum,
were sold by auction on Monday, after a brisk competition, for the sum of 11,000
Experimenta at Shoegertaras. - Trials for range and accuracy of the new brass rifled feld guns, and wrought-1ron carriages, for India, were made a Shoebury ness last week, under the supervision of tho
Special Committee. The guns shot remarkably well and the rifling promises good endurance. A mod fication of the plukging of the Palliser cored shot has also been tried, and found, so far as the practice went, a remedy for the breaking-up of the projoctiles previously experienced, and, which not unfrequently
happoned. Colonel [ngis's gun-carriage for heavy guns has also been tried with success.
Thr Case of Benjamin Higgs.-On Monday, at
the Jalkes Clanibers, the case of Bebjaninin Hige Tedungton, clanimed lis Mr Park, the frecholder. An mjunction in Clancery had been oblamed ex parle, untul the sujunction was heard. It arden wand ovez V. لnence sisen before the Select Compante, from the House of Commons on the metropohlass gue works Mr he totis infalcaltons of Higk amount to $71,214 /$ bal been unable to dostharie a deht of company eonsequence of these defalcations, whech had been going on stace 1 nita, An accountant, named Chatteris, who ras exammed, stated that the actual truth of the rrears, represented by the books to be owing from the separate arcounts been bas never tested lisu deficienty nould have been at otwe detected. The Select Commuttee on Thursiday premented tue following special report to the Housc of commons:-
"Tiue committeo are satikfied on the eridenco of the pro-


Rottre Row.-An imporlant addition is now maknge to huthen lion the bew lisun narta from Dineen's fate, where a lion joms it to the old fow The Methophitan sikeet Thaswase-The he preamblas of three agail on $M$ monday, and paksed minated their labourn
The Cask if Mamol Colanso.-Sir Roundell Palmer, Sir I J) CuleriJke, nad Dr. Weane have been comsulted as to the probiability of oblaming a judictal condemuation of Dr. Colenso. The rase submitted to them is comprised in the single query, "Arsuming that the present Bishop of Natal has been gulty of an celesiastical offence, what steps can be laken to brang him to trial, and before what tribunal P" The roply Dr. Desane, 18 to the effint that there are no means whatever of brimging trim before any compelent tribunal known to the lsm The Bishop of Capetown has no Jursadiction over him. 'I ho Archbsishon of Canterbury is in the same position, und the Crown can only determine in the case of an appeal from "a competent tribunal," such as doen not exist ia the present nstance. It is therefore diatuetly laid down "that no means exist for trymg the question whether or no Dr. ance with the doctrines hold by the Church of England; and assumneg him to tave been guily of an explesinstical offence, no stepr can be taken to briug ham, as Bnhas) of Natal, belore amy (ritumal
Weekly leport enateath, - The liegistrar-fieveral on Saturdar, $A \mu r i l: 3$, mps births and 3115 , hat ended registered in London and 1413 other large towns of the United Kingdom. The annual rate of mortality was 24 per 1000 persons living, being 88 per 1000 in Iondon, 28 in Edinburgh, 25 in Dublin, 21 in Bristol, 16 in Birmingham, 26 in Jiverpool, 26 in Manchester, 222 in Salford, 27 in Shefleld, 2.5 in liradford, 29 in Leeds, 23 in The rate in Vienns was 3 . ending the 17 thi mast, and in Berlin 27 yer 1000 during the seven days ending the wed inst. In Iondon the births of 1131 boys and 10 ; 1 garls, in all 230 children, were registered in the week. In the corresponding weeks of 10 years $185 \%$ - 68 , the averape number, corrected for increase of population, was 2230. The deaths registered in London during the week were $13 \%$. It was the 16th weels of the year, sad lae werazon wer 1490 . The present return 39, therefore, 113 below the estimated amount.

## 3 rooincial.

Brecon.-A murder of a very brutal character was cormitited at a solitary farm-bouse, on the borders of Breconshire, between Saturday night and sunday
mornung. The farm is called Nant-y-Derri, and the mornink. The farm is cailed Nant-y-Derri, and the victim was a Widow, who was generaly nown proper
neighbours as Mary Nant-y-derri, but whose proper neighbours as Mary Nant-y-derri, but whose proper arme was Mary Morgan. She was last seen alive in a gaturdey night, and, on the following morning, aneighSaturday night, and, on the following morning, a neigh-
bour going into the house found her lying on the floor quite dead her hody burnt, and the slumbering embers of a quantity of hay which had been pleded on her body of a quantity of hay which had been pled on her body. this was removed there was seen a deep hole on one side of her head and the other side was completely charred from the effects of the fire, which had ovidently been ignited for the purpose of destroying the body and probably the house aiso. The deceased was o moner in the house. This, no doubt termpted the murderer, but he must have been foiled in the bope to securo between the bedstead and mattress hive murdere Who is at present waicorer ithe inge ere house throug the window. for a fortnith to pened on Tuesday, and adjourned for a Corlmgat to eaable the police vo prosecute the inquiries they have in hand
 an appeal aman man moned Jenline was condemed prosecuted. A man named Jenkias was condemned a the recent asmzes wo bung, for therder of Fanny Reeves, whom he had puned into the River Avon Her serm Med from the elo the hospital she made no system. Meanwhio, prisoner was conruted but the pre on which the prisner was convicted, but the pre-
deposition with no hope of recovery had in it the Green, to which s large number of invitations had Russia because be
were a present. The Court held that these words nadmissible. The conviction was therefore cunshod In consequence of this decision an order was afternoon for the liberation of the on Monday On Saturday a police-constable called Hill was murparts of this city, while struggling with a prisoner youth named Wiltiarn Pullin, 19 vears of a Minloy of Mr. Harding, of the Redeross Street Saw assaulting Mr. Curtis, of West Street, baker, who had party of roughs attempted to rescue bim, but as the constable relused to give way, the prisoner pulted at
knifo with a broad blade from his pocket and thrust it into the constable's left leg, just above the kneecap. divided some important arteries, and manned so mach it At the inquest on Thurs lay tho jury in half an hour. At Whlful Murder ayans day the prisonery. than 16 persons have lost their lives through the evening the $22 d$ ult at occurred on Wednesday These inolude 13 at, at the Delabole Slate Quarries, man is reported to be dyins from the iopuries received. Four bodies have not yet been recovered. It whole distance of the quantity of rock whench fell the inquest on the of 250 feet amounted to 150 tons. An some formal ovidence lad been taken, was adiourne to rext Monday. The catastrophe has created great excitement throughout the district, and although 400 hands are employed in the quarry no work has been done since the accident.
Gloccester.-The conviet Wiltshire, now that the commutation of his sentence is secure, has made a long In it Saturday night, he and Milsom found the woman lying in the mud, and he pulled her hair, and said he thought the first offence, and then Misom of inciting him to fiopere serious accusation brings against him a much after the first abuse of her, but returned almost at once and pulled her about to see if she had any money. bold of either her clothes or her flews dor caught kicked the dog aside, and then hitched, his Milsom her gown, and tore it down to her breast. They then approsohing went ank, and fearing that some one was approaching, went away to his brother's. On the way
there he says that Milson wiped blood of his hand on the grass. He admits that when he left hif hrother's on $h \theta$ went back to the woman, as to which there was no evidence at the trial. He sass, - "I weut on down to
my home, amd when I ame some way don the lize my home, aby when I came nome way dona the lize I went along about ted, yards further, and I heard again shout "Murder:' I stopped and looked about, don went in through the gate after a bit of hay for my hanging down inside the railiags, aus her hands down She was lying across the paliugs on her stomach, with foot on the rail by the shoe in the thorn, and the other foot on the rail, and her olothes all down over her head. I asked her to get up. She did not seem to move. I pulled her shoe out of the thorn, and let her fall over. She cried 'Murder!' threetimes, and I went mak and left her, and nent to iny homes." He then makes further accu-ation azainst Musom. IIe bas not when asked whether heplaced has hand on her mouth, ho replied, after a pausce "I can't say whether I did, and I sabout it, I'd rather talle about something else." On Saturday his wife received a letter he wrote to her, in which he sass-"I I am thankful to the Almignty that shall be parted from, but am yory sorry to think I chaplain tells me I am to be sent into penal servitude of being hung. Everything was gave ready for me to world to die jonday, and on Friday I gave up anl the how very thankful I am for my life cannot tell you
God shall see fit to call mo instead of being hung." till
then tella how Then the thow he prays five or six times a day, and
refers to the tirae when he and his wife gerved God,
sid, says he thinks the trouble that has fallen upon
him is on Most of the details in his wis desertion of relipion. Porvginat they cannot be publivhed
western counties, with the troers of the southern and Teviewed on Monday on Southsea, Comparrison by Lieut.the district. The Volunteers the officer commanding Guildford, Brighton, Salisbury, Weymouth, Christ the Hants Volunteer Cavalry first division included Royal Artillery, the Marave Artillery, the batteries of General Careyt, Thisf, and Gīth, under BrikadicrVoluns, consisted of the 311 field battery of the $3 d$ od Hants Volunteer Garrison Ary the lat, $2 d$, and took part in the attack on Soulhsea Castle, which ended in the repulse of the assulauts, In the Common, sind 8 grand ball was given in the great

Green, to Windsor.-On Wednesday, relying upon the ordiof theatricton College, which forbid the pertormance foundation, Dr Goodford, the provost, through the foundation, Dr Goodford, the provost, thrnugh the
head-master $18 s u$ ed an order for the poltere of the Colle,
to prohibit theatrical entertainments at tha Windsor Theatre. Accordingly, Inspector Pearman of the Bucks Constabulary proceeded to the theatre, and notified the
decision of the College authorities to the lessees, Messrs Rivers and West, who had fust taken the houso mender a heense from the Cord Chamberlain, held by Mr.
Townshend, of the Castle Hotel. In the course of the Townshend, of the Crastle Hote
past 12 months the theatre w
Freemantle, who, it is understood, spent about 4000 L i its renovation and decoration. On Tuesday afternoon a of the Cloth of Gold" was given, the performance taking place at fouro'clock in the afternonn. This antertainment, it spems, was attended by about 3 , 0 of the noblemen and colege authorities, who took immediato steps to put in
In spite, however, of the prohibitory notice, the lessces of
the theatre have continued their performances as usual. The fact of such a notice having been given was teleWho at once procured permission from the Lord Chamberlain to proceed with the performance, and thua the matter reats at present.
Wolveriampton. - On Monday an Irishman anmed Thomas Durham, pras brought before the woman, who is lying at tho noint of death. Apon a jights ago he bevame so quarrelsome in a public llouse he would show the English what the Irish could do. On turning the corver of the first street he camo to he met a woman passing by, whom he nesaultel. Her part
was taken by Srs. Fanny Churn, who remonstrated at was taken by 3rs. Fanny Churn, who remonstrated at
his behaviour. He then left off assaulting the first woman, and, turning upon Mrs. Churn, pulted her back by her bonnet, which came off. He then laid hold
of her back hair, and with what is believed to have been a razor he scalped her as skilfully as though he had been an Indian. Her depositions have been of a cellar in which bo had taken refuce, has been remanded to Stafford jail for a week.

## ErcIatmo

Pbince Arther, accompanied by the Knight of Kerry, Colonel Etphinstoue, and Mr. Pickard, visited received by Mr. Willoughby Smith, engineer of the Company, Mr. Collett, general manager, and Mr. J Graves, local superintendent, who conducted him into the cable-room, and carefully explaned the oonstruc-
tion and working of the a,paratus. Messages of tion and working of the apmaratus. Messages of
mutaat congratulation were interchanged between his Royal $\mathrm{H}_{1}$;hmess and the Governor-Generat of Canada Telegrams were also sent to London and hillarney on the printing tolegraph. His Royal Highness expressed treat pleasure at the visit, He them drove off to see the shore-end of the cable, and afterwards drove round the island. His Royal Hikhness ieft Valentia on Saturday for Killarney to jo:n the Lord-Lieutenant and Exuntess Spencer. In the evenng the rince and wis fishing. On Tucsday the lrine arrived ayain in Dondonderry immediately left by sperial tram for stations on the line, the inhabitants of the surrounding await the arrival of the train, aud on the Prince beng recognised he was corutaly cheered. The train reached Londonderry about $80^{\circ}$ clock. On Thursday A grand ball was to be given by Lord O'Neill, at Shane's Castlo, yesterday evening, and the Prince was to spend to-day and to-morrow with Viscount Temple-
town at Castlo wn, at Castlo Upton.
Fatal Rlot in Londondeary:-On Wednesday nipht, after the arrival of Prince Arthur, there was a
collision between the Protestunts and Roman Catholics in Derry. While the Prince was in the Corvoration Hall part of the mob began groaning for Mr. Gladstone and Dowse, and cheering for the Duke of Aberoom. others cheered for Dowse and equality. A band of excitement which played party tunes, inas causing serious rioting. After a time shots were fired, and the phot dead and several others hadly Founded Two men were are not expected to recover. At midnight the town
Was quiet. Ihe dead men but evidently belong to the labreurat been idess. It is sadd that the shot of the police cau-ed one of the it in said Fenian Debronstration in Cobk.-On Tuesday released Fenians, were entertained Captin Costollo, the by their political friends. The Mayor of Cork, Mr O'Sullivan, presideJ, and said he believed the thine armies and navies, ahould be dominant in Ireland Prince of the Enghsh nation. (Crias of " Joung at another Prince in Australia, he was 1 Fabued, fred as noble and patrotic feelings as Larkin, Allen, and
 of a any of the then who had sacrificed their lives tor
Ireland (deafenug shouts of "Bravo"). They


 ing in relercice to the conduct of the el lome
munivipal Councul is also to take the mut
consideration
 Cappawhte, in Tlpperary, was nagisimite ir
morning. He left home about half-past
give directions to has workmen in give directions to has workmen a sequestored path, with a streasm on one shat
on the otiner. In a few minute but no atientıo
some constables went to the the should be at lome to breakfint it tives be look for him He Hent to the fieds and bas
had left; and, following the path, found him the stream. Six feet from it was, a pond on of ohs the head. The fiohee and the rangustrates reer, Allis, the son of a small teonant He could tront but in the eveniag the walked boldy into fly statements of pura
be false. Mr. Bradshaw fras 40 years old be held living, and was much respected The of verdict. The murder is attributed, bs thes is best acquannted with the deceaved gentiemin. private revenge. The reasons for this stasprom to the course pursued at the inquest, hase $2 x$
transpired, but the line of examination alken br
jurors and the jurorg, alld the earnestness with which ther deas examined, indtcate the direction in wh ch pus
suspicion points. The farmers of the neighto have subscribed $250 l$. as a reward for the detat he murderer.
MURDER is
Thrleton was nuurdered on Wedneaday at Crezan Athlone. He was on has may to his farm mear $\mathrm{C}_{\text {m }}$ had eviassin stion behund a Was charged wille durk-shot. Captan Thuteon wha dreadiuly mangled. He lad latelf in I'cere In a report tnat Captain Tlarleton Las dose
 custody.
On Friday mught alow-Ur a Laving attenpt was male m Mullinabone Type of Dr. Blunderary. At Partimore burd 1 ng, and, on getting up to ascertsin theo
they found that a vessol contained a larte qutz powder, to which a fuse had been attanad
placed at tho door and ignited, but tit reclta: smashog the four-light
 unsuovessful,
Robbery of Abus.- On Tuesday the sipp
trude, under repairs in the Rogal Victons Das Passa, under repairs in the rojal robbed of a large number of muike.

## 

THR Broad AND NARBOW Gicaris - The
gauge on the Great Westeru, as reagrds districts of England, is now B thing of the pait
the 1st inst, the Gresi Westen Compay har to rua any broad-gange pasyenger tra vellers between London an vellers between London and Sbremsbang an
have no longer to change carriages either ai bampton
narrow gatso withut asty change wh branch between Readimg and Bsing rail has aho been removt, an estirels nant from a mused gaure into an entires
litue, and connectug the Great Wetern the london and South- Weatera whois of itot
England. In addition to this, the whed hauge lines north of Uxfori will mmedia
up, removing in the midland countles to tho systern
 saw how a qoble fole had fired at the Emperor of
x，1，1，1509．］
TIIE GARDENERS＇CHRONTCLE AND AGRICTITTTRAL GAZIPTE

Whar charged with falsely representing himself wsa pilice and aleo with trespassing on the line

## 32 aim．

－3．S．Mesta Bancri．－（Sittlinga in Banco，beloro










 （his．is
 there were grounds for further inquiry To the





ag ithst Mr Beunett intulved sub If dusfretion to compel the blathop to
 anchat．ry on the bishop to do what he was nulked．He


## Sparting．



 Mentch－Drles of Neat THestle＇t，and Violet Prilenue beat Typhon，






$-$ and of $50 \mathrm{~h}-\mathrm{Mr}$ ．J Wood＇s liwi hivend lreat 16 othern Plate of $100 \mathrm{~L}-\mathrm{Sir} \mathrm{C}$ ．Jexior 1 ＇s Tiriasiun wat

 th rpis Robaspionte bear Neuchatel and Wildbad．Sveppe of Sweeps，of 10 wovn，－Mr．Bromprove＇s Zarling bbet Kincoln， Nowesatle＇s Tonedou bont Myonotha，Membento，and 3 othern
 And Y othera．Plate of 50 ，－Mr．Payner＇Mine Hato bont Falmousth＇NiEhtjar beat Mr．Bowen＇o Thunder．Bweepn，of Thunaday．－Maiden Plate－Mr Ris iner，$\quad$ in＇s，Mins Cung inghatn filly hent Wondford，Y，iluret colt，atn 1 it others


 Svoeps．of 10 sovi，一Mr．York＇s Alntres boat Dulvo of Now
 Border Knight beat Misa Dayroll Mins Theckoray，and 8 othere．Reamarbet Stakes．－Strathnuin bat Buandard
 and Venus colt．Stoceps．ol 10k－Litjo Marohionen ben Aftree and Yellow Gow

## Cbtuary

Mra．Charla Capendibi died th ber roaldonce at Ryde Isle of Wight，on Monday afternoon，after a lingering thinos
 General the Hon Fienry Frederlek Compton Capen +1 sh Hon．Cburles Wiliams Wrin，died at Ar ，hon，hat denth of ber sistor，the wha of Mr．Sulues Gaskull，of liwornes Mr．HzNRY Binguas Babisa died a few dayn aince at Cannce．He was the eldest son of the hato Mr．Howry Baring，
brother of the first Lord Asbburton．Be Fas born in 1 Bol， gr．Intel！J3 $1 . \mathrm{in} 1 \times 25$ ．He married，first，in 1827 ，the ffth







 His frat wife in $18 . i 3$ ，and mamed in the followigg year
Madile．Marie do Martinorr，who survives him． Madler Rev，Pafeice Beis，the inventor of


## ftarkets．

Fongh goods are still a heavy trade，but bent vegctablea are in good demand the seasin－arived yenterday．Foreign ímporth comprise Cherrtes and Apricots－the former avernging 68 ，to bi．por lb．， dernand．Flowers chiolly consist of Orchile，Mismopette，Calla
 Wallfowers，Polyanthumes，German stocke，Bithan saponios， Cbinerabia Calcoolarias，and Anemoneo

## FROIT．





Articholkes，green，p．dot 4 stobs Lettuces，p．score， 10 to 20 Beans，Kininey，p． 100 ，2s to $3 \mathrm{~s} \mid$ Fint，Fendininch，gd to 10 d cach Beet，per doze， 18 to $2 s$ Carrotes，per bunch， 6 Fl to 10 d Culiflowers，Cornish，p，doz．

## Celery，p．bund， 1 A 6d to 286 C

Cucumbers，each，yd to $\frac{2}{}$
Garlic ord sinath， 18 8d to 28
Herbs，per buach， 2 t to td
Leeks，per bunch，id to Bd
Mint，por bunch，gd to is
Mushruome，p．potit， $106 d$ to 24 Onions，per buahel， 150 to Peas，grean，P．quart，is to 8 l
Potatos，Yorr Regents，p．tor，

Fluzen do． 100 to 160 O Seaknar，p．puan，is to 3 s
Spinach，per buthel，2s to 38
Radinhee，p．dow，10 to ls 6 d

ENGLISE WOOL
We have bad a dull and draggra trade，without，however any matorial variation for prices buyera are quite hawility

 Hastingn Hartlog，142． 9 d ．Eiporywelt

 1
HAY．－Per Loud of 30 Trumsen． Beat Green Hey－Clover，ild




LEADENHALL PULLTHY，de．
The uspatr，Apral 29.

Duckn Duckinges ：
 3arn thy fivals＂，

$$
\text { Froin Butior, 1u. 2d. to 1s. 4d. pis } 1 \mathrm{ll} \text {. }
$$

COTATOS．－OOTHWALE，Mon tas，Aprit
During tho peat wok the arrivili from all partion have beon fer in excese of the domand．Oefing to th two thirds．The following are this lay＇g grutations：－

 Whates， 85

IIOPS－－Borovar Malket，April 30
Momerh Pattonden \＆Smith roport a atcady Inquiry for good domeriptions of bo
being illy malitaflaed

## METROEOLTTAN CATMLE MARKET

Wo have a larger supply of Beath，but choloc Enclisha aro coroe，and price for them are whil＇melntainod There aro fair clomranco if effectod at about late riter．The lami，tracto remaingunaltered Cholice Calves aro rather idew．．Our forefg
 Norfolk and Suit
Invo Countion．


We have etill a ebort atpply of Einglinh Beasta Trade is by pumber of Sheep nod Jumbe in Jarger than on Thumday latt Wheap are roadily disposed if at fully Munc（ay s rater，brit Lambe aro lower，and soviril huts of Jurd 1.12 g quality remain
 Bent
Bast Scata，Here－
frrdy，\＆e，
Dest Shorthoms
21. quality Leants $^{3}$ Best Thyna
Half－breds

6 to 5

Half－breis
or
Bearata， 830 ；Sheep and Lambs， 0500 ；Calren， 305 ；Pises ${ }^{2}$ ， 35
METROPOLITAN MEAT 3ARKET．－May
Beat Prach Buttor
15n．per doren lb

MARELANE－MASDAF，April 26
There was e vory mbort mupply of Wheat frotn Enex and at the prlees of this day ensinght．Thero was a foir
 Eleltice qualities arc held at the quotutiots of last week，but the factors accopted of 1a．per qr less for Rissian．Barley wa Th．per qr cheapar．Beann anil 5 cay we re manged in value pubmit to a decline of gd，per gr．Tho Flour trede was guiot嘌late ratos．


The prowlar carope continue woll spoken of We heve to

Livzrpoots Tuesday, April 27 .-There was a good attend-
 Oatment without change. Indian Corm in moderato requept, and ©d. per qr. lower ; mixed and round, 286. bd.

| $\begin{aligned} & \text { Mar. } 20 \\ & \left.\begin{array}{c} \text { ar } \\ \text { Apali } \\ \hline \end{array}\right] \end{aligned}$ |  |
| :---: | :---: |
|  |  |
|  |  |

To Gardeners and Ballifs (Head, Foremen, or Under)
JAMES CARTER AND CO. having many Bpplication
 Unqu TRY in tbolf FREE REOISTER. Only thono tho

 WM Gardeners and णnder Gardezers. Whase byve at att timea on their books Meg to state that they


 G ARDENER (Hzenmbrance - Middle-aged, mairied, n









$G$ ARDENER ${ }^{\text {To }}$ Noblemer and Gentlemen,





$\mathrm{G}^{\text {ARDENER (HBAD) - Age }}$ 32, married; undertande

 $\mathrm{G}^{\text {ARDENEK (HEAD). Age } 29 \text {, married, one child }}$
 Good referonces from present enplozer,-W. Sursi, 6, Cbostint
(ARDENEK (HRAD) -Age 45 steady and industrious
 kinds of cutdoor Vegetables, Fruits, and Flowers, Mranggement of
Pleasure Grourds, and can keep the Codserratory ghy at all soasona
-A. Bi, 1 , Bel mont, Lower Broughton, Menchester.




 Roed, Snareabrook, Essex. Vin no obildrea, has a thorough practionl knowlodge of Gardenink,
 13 yeara in init placo, from whith ho oun bo woll reconsmended by
(TARDENEK (HRAD, or good SiNOLE-HANDED). -

 (TANDEAER, Harried, no family; respectable, bteady,
 (ARDENER (no family)-A Gentleman wishes to
 (TABDENER (age 37, without incumbrance),-

 (AARENER, or GAKDENER And MANAGER


## 


(TARDENER (SINGLP-RANDED), or where another is

(TARDENER (SINGLE-HANDED, or SECOND).-Age 24 Gardinipg Gnod Eharand Lata Forcing, and Fiower and Kitche
Nortbasoutonsire,
(T ARDENER (SINGLE-HANDPD, or UNIPER)--Dingle
(ARDENER (UNDRR, SINGLB-RANDED), where he can -2, 2, Nunhend Green, Peckham Ryo, Burroy, good cheracter ( A ARDENER (U'NIFR
 Plant and Frut Growing: Thrse yearn good olmprovera himsel

$\qquad$
bas worked and under lay expenimul ${ }^{2}$
 $\square$ ROWER of Hord Murseryman







Notice of Romovel,
WILKINSON AND KIDD, SADMa

CORDINGS' CELEBRATED FIBEBGA
Cordings' fishing stoci
Cordings, fishing trotat

CORDINGS' ORIGINAI ANELB By CORDINGS' FISHING Bl0G Cohdings fishing 00ate m CORDINGS' GUINBA BTOBY C ORDINGS' GlG, BOX, and DOCCBR in Cordings guarastre thir Matare $\mathrm{C}^{\text {ORDINGS' }}$ GROUND SHECBTS






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HE "WO Rauce. Leaz Prinns
 Sauces throughout the Wor, A. $\mathrm{D}^{1}$
 for delicute const tutions, egpecially sdapled
aud Irafante. AIR KESTORED. PRECERTED. .ad BR

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cura themelter b
curod bs Herner Mh best

## Eft Gardemerg chromíle zefospaper．

s」TERDAF，MAY8， 1869.
madontractible Torra－Cotta Plant Markers MAW AND CO，＇S PATENT．－Prices Printed


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 THE TANNED LEATHER COMPANY，
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Warehouse ：81，Mant Latie，Londod，EC
 W braby and cu，havinerad
F＇BRABY AND CU．having land down more extenaive
 prich and at rery flort notice．


Ao I strated Frice List of Galvanizod Iron，and other of Beany ${ }_{5}$ or thmagh sil rexn eetnbil iroumongery

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## froxetgr．

Frven－It the sitting of the Senate on Friday the me on for dischission．A．Te Lavalette，in omp to no determinatim relative to the the question of leasing Rome when the nilma question has reoeived the signatures of
taridte and M．Frere Orban，and has been Frere Orban，and has been
Government papers both in in ther
Bruseels mixed Commission will be stiecrally selected for the purpose， personages or olficuals of the foreign ranguesille is the only member of the Com－ arfated on the the rumour that Franco has any nezotiations etther of a political of ramout that Russia has sent a despatch to orto relative to the laws of naturalisation．It sul mot of that nature on the part of Rusia in of the Cabinet of St Petersburg，whel hith the other Powers on the Eastern
－In consequence of rumours of a Carlist the north，Beputy Arquiaja，in the hvi taken precautionary measures against inry outbreak．Tho Minister of Justice tat the partisans of won Carlos and Queen about cival war．The fiovernment，however， on sunday by the troops in Asturias．In Volunteer of liberty was assassinatod by Saturday morning and a Colonel lagunery uch for the fidelity of the Voulunteers，and held the ordinary liowever，necessity should require the call upon the Irouse to grant them ex－ powers．Senor Figuerola，tho Minister rehenions．He promased to lay before theenennions．He promased for the loan concluded abroad， dicted the rumour that bonds kiven as
former Governments had been recently on the market．These bonds，he said，would ings would bo paid，including thosio de－ the Bank of Consignments，and sail that The Bill of Amnesty was then passed． draught Constitution on of the religious draught Constitution on the religious hicl had been modified by the committie日 ased the somplete independence of Church question were op rosed by Deputy Capde－ muestion were opposed by Deputy Capde－ the Republican Deputies．Senor Enelish firm to lay a submarine cable tugal．Ferrol，and England．In the sitting ay Seoor Vinader moved a resolution to Admaral Topete condemning the attitude Republican deputy，with reference mposed Constitution．Admairal Topete op－
motion，which，he said，would tend to freedom of the Deputies，He tend to vote against it，and Marshal Serrano hering announcement，the resolution was to 20 The Cortes afterwards decided me and in the evening，with a ve hely then spoke dentes on the rellegiong Constitution．
his sjeeech stated that he had abandoned for philosophy and reason．In the even－
on TFedoesday，after a speech from Senor which he reviewed the debate on the sadopted by 178 votes to 75 ；and clause 21 ， liberty of worship，wha also agreed to by $n$ votod，Marshal Berrano will bring forward will then become necoessary，in case the casdi－ should have been settled，or a dictature of three
liss been dolscovered at larcelona，which has
hersons being arrested．Several superior and
s．oned oflicers，both on aetive service and on Tis bare also been seized．
Thisp．－In the sitting of the Seoond Chamber ${ }^{2}{ }^{2}$ raention relative to the of the Colonies，in reply ${ }^{2}=5$ ，annonnced that the Government had received a r－is oceurred－－

In the sittings of the Chamber of Repre－ man Frsday，M．Frère Orban，in reply to M． ent unnn a that the negotiations with France had at been eatablishod．In symethetic and cordial relations assertion，that excosaive demand on the part of the Bouthern States prevented the conolusion of the treaty， was unfounded．
CUHEEY．－The project of admitting Christims into the army has been abandoned，owiog to the Boriour loss the treesury Fould sufier by the abolition of the tav the Christian subjects of the Porte pay to be exonerated from mititary service．However，there is a projoct fo－ prisonment，were released from prison on Wednesday． Italy．－－In the Italan Chamber of Ipputies on Alonday Signor Ferrari，the loader of the pledmoutese party，announced that it was the intention of bis party n orde support to the Governmen，ajrea paracraphs， The first two－declaring that the Chamber was yer－ suaded that the nation wished for the greatest untion and concord in Parliament，in order to ensure the trict conomy and a hetter organisation of tazation， and that the Chamber Fan convinoed that the firm maintenance of these principles would ensurea natural and orderly development of constitutional liberty－Were carried unanimously．The third，which statod that the Chamber，having heard the deelaration of the duot the public admanistration in that sense，sas carried，on a duviston，by liss to 20 ．It is expected that the support of the Ministry by the Piedmontese pary stable Government．In the silting of Tueaday Gemern Menabres and Count Oambray－Digay，in roply to a question of Signor Villa Tommasso，stated that the nconne－tax was deduoted from tue boupor ar from the other coupons of tho Italimn public deht．The themi－oticial Correspondance Italienne of Thursday denies that a speous！mission to the French and Italan Courts has been confided by the Spanish（tovernment to Senor Montemar relative to a candudature of the Duke of Aosta to the throne of Spain．＇The same paper ards that the duk
that
INDIA．－The Ameer of Affebanistan reached Jolla－ avad on the $88 t h$ ult．Authentio accounts state that at the frontier
UYITRD STATPs．－President Grant has notified to Mr．Motley，the newly－appointed Minister to England， buat he expects him to be at his postin loudon，ready 19 h vit．Mr Chandler offered a reeolution to the 19 th uilus Mr．Paident be directed to open megotia tions with England for a settlement of all claims on the basis of a transfer of the British North American possessions to the United Statess ease of France with Mexico，Grest Britain had a the case of rrance wilh hexico， staked the continuaace pher empe in Alvtion on referred to the Committoo on Poreign Relations Duriag the month of April the public deht of the Tnited States has been decreased by six mullion and quarter dollars．
13razils and Paraguay．－Count d＇Eu，general in chef of the allied army，had left Rio for Paraguay His appointment was oordially greetod by the allied Governments．Lopez wh at Asourra in the moun tains，within reach of the alites，he was obo atcacked in the beginning of Apri．Navigatiou and commerce of the rivers Parsgusy and Parasa wore thoroughly free．The reported dereat of Brazilians on the Luque Railway by Paraquayan forces was completely false．
Cobs．－The latest intelligenco rece at New Tork from Havannah is pavoarsble for the success of tho Spanish arms，several banda or the Caban insur－ gento having been compelled worronder the crew of the Mary Lowell have been liberated，but the Cubsin authorities have refused to pestore the verso The orew state that she wss，at the hime or her soizur by the Spaniarde，within one mile or Ramged Island and thus within Brish whers．Nat Government of tho United States have called nhon her Majesty Government to demand from spain the restitution the vessel，and oompensation to tho owners and crew．

Hayti－－Hor Majecty＇s ghjps Doris and Jason had

apologised，but Captain Annotloy informod bim tha
the noxt time other reparetions than apologies would be oaforoed

## Fatlamtent

In the House of Lorda on Friday，on the motion of Lord W8stBORy，the Fine Arte Copyright Consoli－ to a select compuittec On the muilull of tire Varruis
of SALIABC BY the Civil Sorvioe Ponsions Bull was reed a seoond tima．Lord Lifprosd oalled attention to the speach of the Mayor of Cork the late Fenisa bas ment contomplated in rolition to it Karl Geanvirus seid that the Government would take immedinte atepa
 over．The Marguis of Barg anked if it wh
the intention of the Government io adopt any measures，remedial or repressive，for tho botter pro－ taction of buman life in Ireland，and called upon the Government to declare their general
that if they were now to introduce neanure on the land quedio an would be tikely to Government were doing their utmont to enforos the W．gad were conoultiog Fith the irish rizecutive ao o the expodienoy of applying to Parliament for further ere nint katafied with the powers they now had they hould ask l＇arlisment for larger puwers but the bess，amounted to a fine on the femily of m murdered andord．Antersomeremarksby the Rarl of Kingerile ET Eri Griey，the Garl of Harmoway，the isrquie o Whecrde，the Earl of Cababvon，the Marqua ropped．On hondey Lord BTEATPOED DE RTD LIFFR celled sttention to the negotiations betweon the Brititich and Russian Governmente as to the．Turco－ Persian boundary line，and expressod his opinion chat a the Perrinn fronfior at the inatigation of Russia， had not reonved the ettention it deaerved from
thill countiry nad the Government．Tho Earl of Larendon sid that the Goverament were quite ave to its importance．The Duke of Somerser asked if suy arrangement had boen made for outh－ ane couresties who had been for some time inospacitated by illnee for the performance of their apisoopal dutiet．The Ascribisiop of
thesure to relieve dishbled premetes Erow hacir whics
the Biahopa of Exeter，Winohester，end Bath and Wells had been unabla to reure，but they hed taker aharge of their deties Communications had passed between the Covernment and hicasolf with reformo to a Bill which it was intended to introdroe on the ubject．After some remarks by LMrd brTTELTON ill whil Granville explained that the proposed （Bishon inconed simpled by infirmities on Tuesday
already given
Commiteply to the and Breservation Bill the Duke of Ricamond moved an amendment
bishop of york and the Duke of JomTHIMBBFLAND pposed the amendment，which was not pressed．The Duke of hicingond moved the rejedtion
maxing it a pensl ofmend to be protecte the Bishop of OXFORD and Lord HorGeton also divition，the olanse was struok out by 51 to 10 ，and tino Bill finally paseed through Committee．The Civil Service Ponsions Bill also passeत thmagh Commattee． On the motion for the third reading of the Mijita Bill，Earl GRer adrocated an increme of the equine army in preferenoe to dener daserbed at some ongth the services rendered bs the militia，and assured the House that the country hed aever been in a better position of detenoe than it was at the present moment． also defomid the militis．The Bill mes then third time and paseed．The Earl of ALBgMarlis brought in a Bull to abolish the property qualification of justices of the pesce，which was read a first time． On Thurgday，being Asconsion Day，the Houge aid ment 1 I esterday the Reformarory Intl were with drawn by the Marquis TowNsHRND，at the sugpestion of the Government．The Marquis of SaLisbury called attention to the statements concerning the Irish land quastion mado by Mr．Bright in th
In the Efouse of Commons on Fridny Mr．Glid In the Louse of come to prevail on Mr．Graves to defer his motion on the condition of Ircland，by urging that Ministers wery not in poression of then anon a fill tiou wion of the subiecte Mrives derlined，under
 as Premier and procended to show that the feeling the Presine，and insecmitr both of life and propert now axisting in Ireland，bad never been surpaseed本

 means (and he was prepared to propose the means) the population, without doing iniustice to any one, was placed in larger numbers in possession of the soil of must bo dealt with. He would nover be a party to an act of repreasion unaccompanied by measures of a party to a had measure which be rould not support if he the Irish people wond say when they heard that Mr. Bripht hat a Land bill in has porket and would not of Irelant was to be tracane assericd that the condition Partinme to that batefur relghous ascond ney which some remark by Sir T. Bateson, Mr DOWse, M Magliae, Mr. G. Hariys, and other members, the subject dropled, The stanaries Bith passed thr new writ for Yongual. The motion was opposed others. On a division, the writ was ordered to be On Monday Mr. GiadatuNe anmonersed, amod loud and genoral mursaurs, that the Whtsuntide holdday would be or Friday week, according to the day on which the Irish Church Jull was reported. The Committee on clause 31 was agreed to comment. On clause 32 , regulating the conditions for the sale of the tithe reatcharge to the landowners, Mr. parl of the clanse nhich relates to the redemplon postalments. After a discussion of ceveral hours, the FAwcet then moved the omisson of the clatuse. On a to 33 . Clause 33, after some discussion, was agreed to, Clause 33 was postponed. Clause 35 was agreed to. terian ministers, after some discussion to the Presbyterian ministers, after some discussion on the precise the Bull, was agreed to. Clause 3r, providing the Compensation to the Professors of the Be Belfact College by annuitios, was struck out. Clause 3,8 ,
relating to the commuation of the annuities, was arrel to On 'luesdas, at the first morning that tha (inscrmment had ascertaned bes ond a dount that whit he called the "depiorable language" used by hrm, and that it whe his intention immediately to britis in a bill to disidalify him from bolding any in Cork or in Ireland. This communcation was receive 1 with loud checrs from all parties, which were ask the When Mr. ©itabstone on IValded that he should motion for miraducung the propored Bull. Mr. Lowe in auswer to Mr. CaNmLish, stated that by the latest accounts the total cost of the Abyssrrian Expedition would bo $8,700,0001$. Mr. Glabsrons, in reply to a that ho had misapprehended tho feling of the House, Thursday, the 13 th, he was prepared to move the The Marquis of Mincivator announced that in consequenee of the unexpeeted opposition to the tondel to whis raw it. The ILouso then weat into Commititenon the Irish Chiselh B il, resuming at the relate to thi the first three sections thereof" which trustees. Mr. Wr mation and powers of the Maynooth exception, which, he contended, was not in accord With the speches and pledges of the liberal phatically that he had given any pledige to remthe Maynoth Act. Mr. NEWDEGATE charged
Mr. Whalley with question a laughing-stock, and with bringing Maynooth cause of Protestantism iato disrepute. Mr.J. Feridene contended that both in the House and on the hustings portion of the piedged themselves not to apply nny ment of any other religous body. Sir J. Piki waron and Lord J. Mankers supportid the amendment, and
members, the amendment was negatived by 324 to 196.
Sir $G$ JENKixson then moved to expunge that portion of the clause which provided that 11 times the annual payment to Maynnoth should be appropriated in a debate was adjourned. Before the C'harman left the Chair Mr. (ircmerone, annousced the names of the and Mr. G A. Hamulton. At the evening sitting, Mr, Leadiass submitted a resolution condeming a unworthy of a great nation our present pract liehting and buoying the shores of the ${ }^{\text {Cuited }}$
Kindom. The motion was opmosed by the CilanCELLOM of the EXCHFRQUER and Mr. MBraHT, and after some dincussiou it was withdrawn. On Wednes y, the orders of the day having been postponed ry the purpose, the Attorney-Genrral for lre-
avo mored for leare to bring in a Bill to deprive Mr, O Sullivan of hiv office as Mayor of Cork, and to reuder him meligible to act as a napstrate in
that city or in any other place in Xreland. The measare was rendered necostary by the conduct of Mr. pathy with the Fentans, his culogums of O'Farrell, who attempted the assassination of the Duke of Edin burgh in New South Wales, and of the Femans engaged in the Manchester murder and the Clerken welloutrage. It had been determined to proceed by ${ }^{\text {B }}$ special 1311 rather than by an ex officio information in
the Court of Queen's Bench, because the latter course would have led to delay, whilst the introduc tion of a gencrai measure, applying to all ex officio unreasonable and unjust. The precedent which the Government had decided upon following was the Act of George II., removing the Lord Provost of Edinburgh from his oflice, in consequence of neslecting to take the requisite precautions during the Porteus their opinion that it would have been wiser to bave measure. Sir F. Heygare said that the Govern ment were responsible for having made the Bill necegsary by releasing tho Fenian convicts. Mr
G. II. Moore, Mr. Walpole, Mr Mabcourt and Mr. NEWDEGATE recommended that evi dence should be taken on oath, and that Mr deprecated undue haste, and Mr. Morphy and Mr. Magotre said hat arr. O Sulivan was reanly no repudiated had used sederous honuage, and entirely Mr. DIsRaELI said that under the late Administration O'Sullivan had been dismissed from the count mapistracy for seditious talk, but since that time revolution had beer commenced in lrelsnd, the caol had been thrown open, assassins and traitors had been het loosed and the Mayor, therefore, might have reprobated If the Arofigate forney-General for Ireland had done his duty by prosecuting hum, the House consider this extraordinary proposal, though he could not refuse his assent to instroduction. Pains and l'onalties had ever been passed for spoken Words, and Parliament had never been asked to pass such an unconstitutional measure on the apse dixil of an Trish Attorney-General. After some remarks by Mr. C. Fobtescere in defence of the policy of Government in exercsing the clemency of the Crown towards certain selected Fenan convicts. Mr Gladstone
warmly
defended the Attorney-Gperal for Ireland from the contemptuon language of the leader of the Oppoation, and sad that he had never heard a personal taunt in that House more entirely out of place. Dr and punish a man for a legal offence on unsworn testimony, and that the Bull should have been introduced in the Lords, where cuidence cond be taken on oath. After some remarks from the Solicitoh-General, Mr. Hope, for the independent Conservatives below the tangway, expressed the regret they would feel if the reason for thon beneh should seem wo tamper with snd Lord J. ManNers admitted that there was no complete remedy in law for the necessities of the case and sand that there wasno disposition on the front bench to impede the Government in removing a crying and Bill was brovil After some further discussion the were also arreed to for the communicalion of the Bill at the o sullivan and the production of evidence of the lulif for abolishing the Scolch law of reading Lord Elcho moved to delay its further consideration the subject had reparted Mr Grupur supported the subll, and Jifr. Cinfroy Mr. Grafram supported when the hour of adjournment arrived. On Thursday the Houre resumed, in Committee, the consideration of the 30th clause of the Irish Church Bill, providing compensation for the cessation of the krant to Mayralsed the question JENkiNsos's amendment, which ralsed the question whether the compensation shall be paid out of the funds of the Irish Churoh supported the amendment, and Colonel Bartrublot supported the amendment, and said that Mr, Glad-
stone, when in Opposition, had distinctiy declared Itrit no portion of the surplus property of the Irlish Church was to be devoted to the endowment used any expression. Gladstone disclaimed having pretation, and taunted the Opposition with endenvonrdeprere Maynooth of all conapensigions prejudice to deprree Maynooth of all corapensation, after having
voted about 800,000 l. to the Presbyterians without
nojection sir of D ELPHiNstonzdoch ondowed out of the plunder of the
have been very different. I
of the Estatood that no portion
religious purpose.
nould rather see every shll IABTB
Church shovelled into St George

## expressed his witl to Maynooth

the compensation out of the C
Scotland, and thongly objected to
Levgate sad he felt bound
compensating the
demed that it was an
tho British tax-payer of
Mr. Brignt predicted a chat
and carred Maynooth would
hostility to the Roman Caliolias mandice
distinguished the Conservative party
claimed for the Conservative party proposed an increase in the condowm and expressed his willinguess to give s tion, although not the form propsed dow scheme of the Government
the historical fact that when Sir Robent to increase the grant to Mas nooth, he we posed by Mr. Disraeli. After som rejocted by 318 to 192 bein
Ministers. Mr. A y tou'n next mored an ant subsitituto for the prant of a lunip sa compensating the individual life in constituted a re-endowment, and Catholics were treated with ex The amendment was supported b GLadstone opposed it, and not possible to deal directly with the Roman Catholics he dented emplatical. than the Episcopalians and Presb sad that as Trinit5 College must arown with next year, its frends shouls they laid down principles whith mig and Lord C. Hamsin horticote, The Solicitor-Genbal orpoed it being unable to obtain a hearing, mp rogress, and, pressing his mat.on the amendment was rejected by $10:-3$ mendments by Sir G. Jenkinson and vero subsequently withdrawn, and the clauses from 40 to 57 inclusife were 3 g reaching clause
acant sees, the Charinan, on the molio BrLCe was directed to rand Regulation Bull sas read motion of the ATtorner-Gence spaker's orders were directed to thendance, on Tuesday nex the matter of the Mayor of Cors, Generalwas authorised the H Commution on the Irsh Cuurch B 58th clause, after an amendmen enabling spiritual peers to
the foth clause, providing that Pim moved an amenduent
purcuase glebes and hutd glebo ho an chergy of the ELADNT.SNE OpDo Which, after a long discussion, waswidn other amendments, relating the House

## (ITtM Enteltigente

Bant Rate of Discount - The Ba on Thursday, raised their mate of disco

Money Mabeet, Friday. - Bert
Conols closed at 924 sid to 928 for Money, sua to 91 ; Exchequer 1 Bills


Hetropolis ant fty
The Ibtsi Churci Br

## support of the United

was held on Monday at
auspices of the Niational
by the National I'nion
and by various metronolitan Protestant
and anvonk others on the platform were the
Mariberouet. $K$, the Duke of Athercory is ceence lismalton, M P Plight Hon sis

 si with a short prayer. The Secretary reprementatives to be present at the解 fore the House of Commous Lnad cenang the proceedings, said that os wo thad take an active par
promoting cathole emavcipation, hat
put confitence in eminent me herinan (Cathules, but they hat been
that benk so, he was sure that no atever woull henceforth be put in them, fram what quarter they may come. Letting if zentlemen had in these dags settled what nund for reace and happiness, sind upon - iommons but was rejected by the
diag thas, Mr. Gladistone was now ind 1 that bene so, what was thelr course? In if nee of their church. The battle had neer. (ught out in publec opinson, and it was onet.nes like the present that pubhe feolmen hime tharit was an old grievance amongst dernef ressori by a certain statesman, who n wll to all present. The measure of Mr tolat bejng 80, it was the duty of all to mantann the peace and happiness of the
 an follows:


 $\alpha$ the $\bar{P}$ thar ha if Rume.
ienarale that the Ihll was to depress Protestantiom anste kothat. Catholicism; th be a measure o rate triun niud of carried humntation, and be dechared onl esalt the Papal supremacy. Mr of the be sald that Mr. Gladstone with his flexible conco, and marvelious subtlety, had bent down before demands of Mr. Cullen, and that to the hapbazard Whiona of Mr Gladstone and Mr Bright wo owed Part moen carried, the Right Hon. Sir Joseph Bart., moved the second resolution, as

## I intereata ne proposed is subversive of right


that he was one who denied that the arih, nd mas Church separate from the intrie: was one and the same, so that to 5 with the nart in England. Lord Fitz the Hesolution, and declared thai the e torn into shreds. He sald that of all -ters be had over known Mr. Gladstome nont an.bitions, the most unscrupulous, the divoned, aud the most dangerous. The Ir Harper seconded, the third resolution
$\qquad$
impermegtly trusts that the House o wasent to a menalire so prejudicial to
no porilous to the peace nnid
didution havi
neolution -
minlation - Colonel Msodonsld seconded
 Wbich they have made eqganst thit The tiez Royal Academy Exhibition. flace on Friday in the new builsings of the that there was nouse. The new rooms are so mures were so hung as not to be examined ant romfort. In spite of these advantages $T$ of more have been great disappointment 4000 works of art that had only 1320 , of all kinds, appeared in the lace, when night the usual Academy (ambridge, Lord Chelmsford, Mr. Gladfritmanil privichter. Prohtritory liptor Bill. Arat, Was held on Tuesday night, in St. Jameses's

Was densely chowded, mad the aubience was of the, has been recelved at the forelga riflice from Mr 18 most enthusiastice claracter. Amonge those on the

 enazazed during the last two years. an searchung out the of prisons and the managers of funath any luns it of prisons and the manakers of hanall asylums inde appoutited by Conrocation, to 11 pinire 1 ato the intem clergsman in the dioceses of I , and an an 1 ('anterbury for the burpose of collecting haformstion on thi the lamd and the masters of poor-houses, and the
result of all this mquary was, that it would take sis bulky quarto volumes to contana all the evidence he inad received as to the haruful use of motoxicating iquors. filemperance pauperised and demoraused the the land. Bir W. Iawson moved,
"res day metare var !



 formed at Manchester to endeavour to remedy th great evil of memperanee After mans obstarles had ance were firat sousded in the Ifouse of Commens in 1 (in), when Mr. Giadstone brousput furward a Isill th faiditate the sale of furengn wines, wish a vieg to promote terperance. They mizht laush Mr Glad tone ma carpesto but ins fanacea on wher Closing aelusion. 1 hes had supporters the sunary in to the House Ther ware defented but if lies reat the signs of the ticy were dercalcd, bour lies reas present Bill lad a better chance. The principle f th Bill was that if a betler chancc. The principle of the were in favour of shuting up the puble-house they tould be at herty repho Roman Catholic Archtushop of 1 ectuminster right hand, and he wauld have ben winster ons his Protestant, archbishop of Canchury on the other si le Arelibantioj, Mant. ng secomde 1 ther motion, andel said that he was always reads to du wlat he could to suppress the most pernicious and mos prohibitory Bill wia an mpracticable and an extrome meable but he did not see whal in England wero tan American States which had adopted the Mane Law, and one of these States had only within the last few weeks renewred this law br two to one In many districts in Scotland s practical prohbition exated and in a somershat turbulent part of Trcion pastoral authority had effected a wary sumilar reand Then the remeds was but commensurate with the cyil If the eril was extreme, it was necessary that the remedy should be striogent and decided. Ito dud not see any hardship in the Billi, as the orjinary way reforming eivels wes by the decissons of mararitess and if a manorty decided aganst. the liguor tratlec in an one district the evel ought to be abolishod in that place. It would be impossible for the ma, pity to tyrannise over the rainorty, and in liss opinion would be well to pass the linl! as an experimpnt If it did not answer it would do no harm. The motion was then carried, as well as another, March commonoence principle that " prevention is better than cure" and adont some eficient measure to remedy th rievous erils of the liguor trallie. On Tuevday a deputation of pentlemen waited unon the Iome Secretary at the Home office to present a memoris rery larsely sipned ateing for the Government suppor to the principles of the Permissive Bull. Mr. T. Bazley, Y. $P$ introduced the deputation, and sad that an county magistrate, speaking for county makintrates, could assert that the crime with whila they had decresed if the facilites for oltaing drin we lessened. As it was, the raohs and the workhouse stood as monuments of the unfortunate intemperance slood is moaument Pone, Archbishon Manning, and Archdeacon sandiord bavins spoken in support of the Archaeasi Mr Bruce in reply asid he heartily sympa mised with the caue adrocated by the deputation and desired the diminution of intemperance. The anestlon, hower was one to which woul question, howere, to adopt and it had ret to be arrued
 bore testimony to the zeal of those who had taken up the cous of temperance, and expressed a hope that some agrecment might be come to by which all desiring to seaghetter system carried out could march torether Pboposbd City Memorial to the Prince Consort - The Court of Common Councll sat last week with closed doors to ronsider the subject of che propose memorial to the Pros Bedford's motion to place a stanned slass memorial Bedfordow at the western end of Guulakail was adopted. It was intimated during the meeting that a statue, the that the subject was referred to the Improvements Committe.
The Somali Captives,-The following diapatch





 eft in Mr. Henry hathes, the brewer, to lee drawn for George's Ewt has been girls of poxul character in St. Greorges Ewat, has been this year unclauned. Neither
drawing nor weddiag will tike place thas year. Tho getl who drew the prize of juth, on the 36th of December, 1808 , out ht to bare been married in dus sounco on the int of this month; bat it whe found on investigation that, the young man of har choiec had rembiared th the empht, tas of the lape at, the marriagn fularth year withon latif a century that mether druwing fore wedding has takels phace, and now no garls Lave presonted themse takeng phave, antis
SiMobation of Whmialif Wurhmen-On I'ruday mornug annther batwhof men, women, and chasshup Serapme for Casada. These number was idu, and thes amembled at Worilwich Areenal station at etght

 place on Monday mornsn' in Manchag Lame. Il broke
 onlonial brokers, whach, tozellier with the riflices of other merchants, were almast ent.rel) dentroyed or
 Mansion llouse on Froday Mlessre il A lane liorace Finsard Chapman, and Frederick Ioline HelbertInelloert, three directors of the Merchants Company, andun kut or acenumint who had examined the books, had bean examined, the Lord Mayor decided that both the harpea of (omspiran and puhblaning a false prosprectus hail falled, and that the drfowhenthad not made themstatcment in wo morally false. He thereffre tisminsel the sumumasen. eveniar paper appeared for the last tume on Friday A brief firewell to its readers informed them that "the publication of an evening newspaner haing forlad inconsistent with the arrangaments called for by tho extending circulation of tho Daily Nevos, the Exprens The Evgetait Junt Stock 13ank. - Mr Finney, keneral manager of this bank, charged with making feke entries in the bnoka, ke , with mitant to defrand, censuderatle amount of evidence was taken, and the accused was again remanded on ball. Warrants hare been issued at the Mavsinn
House azainst Cantan Charles Filmard Mangles, Mr Andrew Lawrie, Sir Charles Jhinnt. and Mr. John Abbiss, late alderman. four of the direetors of the bank, for conspiring, with Mr. (i Finney, by means of divers false entries, Ac , to defraud the sharchoilders.
Tar Chetral Gas Cimpani.-At the Court of the responsibility of the Corporation in respect to the audit of the Great Central Gas Committee, in connection with the recent frauls of Mr. Miger, was discussed. It apmeared that under the Act of Parliament he Curporatou bud do doenlarls done, but in such a way as to render that duts a mere form. gatio
Tife Cobnimll Bubglabt. - In 190 an an extamive burplary was effected on the premises of Mr. Waiker,
Cornhull. The thseres were brousht to justire, and in the chest of one of them were frund si) watches, and 340 L . 1 n notes and gold. Among the property skoien , in tho chest to be pard to Mr. Walker. His loss, however, was very much larger, and believing the whole of the cash to form part of the proceeds of his robeery, he applied for that also. It had in the moanh me City into the excbequer of the Corporarter, claims all goods belonging to persons convicted of relong Proceedings at la, Corporation to give up the cash, but the court of

## The Peblic Healtif. - The Registrat-General'

 Weekly Report states that in the week that ender on Saturday, May 1, 492 births and 2955 deaths wer rexisteren 30 United Kingdom, being 21 per 1000 in London Birminglabrga, 3 in Dublia, 0 in Bristol, 9, Salford, 27 in Sheflieid, 31 in 13 radford, 22 in Leeds, 2 .s in If ull, 28 in Newcaste-upon-Tyne. and 37 in rias ${ }^{2}$ m. ending the 2 fil ult, and in lierlin 3? per luoy during the seven days ending the 29 th ult. In London the birthe of 1092 boys and 1073 giris, in al! 2165 children,Were repistered in the week. In the corresponding
Feeks of 10 years $1859-68$, the averaze number, oor-
rected for inorease of population, was 2233 , The deaths
registered in London during the week were 1288 . It
Fas the 17 th week of the year, and the averane number
for that week, correeted for increase of population, was
1459 . The present return is, therefore, 171 below
the estimated amount.

## Z3robincial.

Albury.-On Friday night a fire broke out at Albury Park, the Surrey residence of the Duke of been undergoiag extensive repairs. The house is furnished with electria bells, and one of these, acted upon by the fire, first gave warning of the danger to
the housokeeper, who gpeedily aroused the other the housekeeper, Who speedily aroused the ot her
domestios. It was then found that the roof of the south front was on fire, and that the flames were rapidly spresding. Assistance was promptly rendered Wyter being obtained from a reservoir near the house, Rrent exertions were made to subdue the fre Guildord Volunteer Fire Brigade, acompanied their superintendent, speedily arrived with a powerful engine, but found that the fire had been got under by the exertions of those on the spot, thoukg not before a
great portion of the roof had been destroyed, and great portion of the roof had been destroyed, sud cost, had been rauch damaged by fire and water. The Duke, who was staying at Northumberland House, Was apprised by telegraph of the occurrence, and at Albury at 4 o'clock Saturday morning by special train, but all danger of a further outbreale or extension of the fire then appeared to be at an end. Annther The house ver, broke out on caturdsy night. 12 o'clock, when he heard a peculiar crackling noise, and on searching for its cause discovered that a bedimmediately gave an alarm, and all the available assistance on the estate was promptly rendered. The Duke and his son, lor Peroy, took an energetic share The Guildford Brigade, which had left ebrly in the morming, under the supposition that all danger was from, their exertions of the previous night, the firemen, with their superintendera, resohing the house they found the fire nearly subdued by their their engine to pump an supply of water into a reservoir, and also removed furniture from different parts of the houre. Fortunately, the fire raged for only a proof, $A$ bed and a chest of drawers were consumed, and the apartment was charred and blackened by the different part of the building from that which was the sceue of the first outbreak, with which it was in no
way connected. This circumstance, coupled with the fact of a recent fire at Northumberland House, and another at Alnwick Castle, has induced a general belief that all these fires must have been the work of an incendiary.
Bangor-Mr. Deoles, chial deteotive of the London Superintendent of Police, has discovered the local robberies which is likely to relieve the railway company pass much valuable goods from Eure. Through liangor as several treins have to remain there for hours, it is of the greatest importance that the railway oflicials at a young man named Wilson, employed at the station, a young man named Wilson, employed at the station, that a hitherto respectable tradesman of Bangor named Hughes has been an accomplice. The floors of his residence, within 50 yards of the Bangor station, were found last week to be receptacles of valuable property, consistug of gold and silver watches, to the value of
several hundred pounds, watchguards of every description, ladies' and gentlemen's gold and silver artioles of fancy; in fact, from the uppermast storey to the lowest eatrepot of gold and wilver articles the result of several robberies, Among the articles found were o Southampton for exportat. Aronson, of Bangor, pold huntine 600 . worth of property as follows:-Siz enamelled dials, 24 silver watches, plate phass enamelled dials, 29 silver hunting watches - all Geneva; 36 hunting watches, five gold hunting watches, a very 1 small gold hunting watel-all gentlemen's watches; 18 goid hunting watches for ladies, 25 gold watchgnards ornaments. The box also contained Hebrew and English prayer-books expensively bound in gold. The box was of wood, inlaid with tin, securely fastened, and Weighed 60 lb . Mr. Aronson some time ago lost another boz, containing rarious gold and sulver articles, which he Among the result of the for alteration and repairs, coin of James I, and James IT., spade guineas of Gerge L, balf-suines piece, seals, dc., the property of prosecuting their infunesies Anglesey, The police are and Wilson's residences. Hughes, his wife, and further investigation. It is alleged that II ughes' wife Birminganam. - At the Aronan's robbery
uardians on Wednemda, meeting of the board of guardians on Wednewdag, an applioation was received
Hom the Roman Catholio minister for permis-
ston for nung to visit the workhouse to instruot he Roram Catholia children and read to the Roman Catholios in the workhouse. The general purposes committee had resolved, by a majority of 13 to 8,
recommend the board to grant the application. was, however, rejected by a majority of 29 to 14
BoLTON:-On Tuesday ovening, at a circus performance in this town, the female Blondin was orossing a rope 69 feet hiph when she mifsed hor footing. She fell, grasped the rope with her hands, and was ald persons vitnessed tho spectacle amid intense exoitement. She escaped with little injury.
CAMBLFOBD. The adjourned inquest on the persons kiled in the late accident at the Delabole slate quarries Amona the witnesses exnumined was Captain Williams, of Charlestown United Mines, who had inspected the quarry since the accident. He stated that in his opinion the oatastrophe occurred dirough sausion of the rook. He did not consider that any blame was attributable to the managers. The jury accordingly: It was stated that the mode of working the quarry is to be altered
Islis of Mas.-On Monday night the weather at Douglas became so boisterous that it was feared Prince Arthur would not proreed on his voyage to this island,
and messengers were frequently sent to Peel at an and messengers Fere frequently sent to Peel at an of the harbour at the east of the island, as landing at Douglas was quite out of the question. The governor set out in the Snaefell at 5 s, ar, to look for the Vivid,
intending to brine the Roval yacit to the breakwater intending to bring the Royal yanit to the break water at Port Erin for the landing; and, accordingly, at halfpast 1 o'clook the Vivid steamed into port and the Prince disembarked. His Royal Highness mot with a hearty reception from a large number of spectators, who had congregated at every a vailable spot. The weather cleared up at the time, and the Prince, accompanied by as rovernor, wea There was a ball in the Castle Mona Hotel at night, and the town was illuminated. On Wednesday the Prince left for Liverpool. It was the intention of his Royal Highness to have left or Truebday evening, but the roughness of the weather induced him to prolong his stay in the ialand, where be whe most loyally and enthusiastically received.
Lramingron.- Lord Somerville, who unexpectedly succeeded to the title in November last, in consequence hunting field, has just arrived in England from Australia, in which colony he has resided for several years,
Manchespre.-The Home Secretary has appointed Mr. Francis J. Headlam, of the Northern Circuit, to be the stipendiary magistrate for Manchester
Mrathyr,-The Government have offered a reward of 1002. to any person who will kive such information es may lead to the conviction of the murderer, and a free pardon to any accomplice who will divulge the facte connected with the reoent murder near this town. The police have not yet obtained the slightest clue to the murderer.
NbwCabtie-on-TYNe-Mr. Rupert Kettle, county court judge, has succeeded in arbitrating between the masters and men in the north of England iron trade. The result was a small advance in the rate of payment of the workmen, which was to come into operation on Board of Arbitration and Conoiliation composed of both masters and workmen, who on Saturday passed the following resolution :-
"This board desires to record its sense of the great serricices rendered by Mr. Kettlo to the manufactured iron trade of the the important quastion submitted to him, and hy the rugych-
tions and quidance whach have led to an auicable adjaztancit

Tadcastrar,-Bramham College for Dibsenters, near this town, has been suffering seriously from the ravages of typhus fever. Numbers of the pupils are wore being educated there and two Leeds youths who ware being oducated there have died from it. The cause of this sickness is said to be the accidental percolation of deleterious matter through the earth into the well from whence water was drawn for drinking purposes in the college. There are about 100 pupils belongrog to the college, of whom no fower than 40 college is at preamt cloeed, but to is expeoted to be re opened shortly.
THRTFORD,-The Maharajah Dhuleep Singh has and forcien birls which to moseroed at his seat at Dlveden. He has also been forming a mengeric and a herd of antelopes has just been added to it. A nember of
Truro.-The continued emigration of minera from Cornwall threatens to affect the future working of the mines in the county. Week after week for some time the erodus has been so considerable, that labour is now or so, have consiated of miners in employment, but who, have consisted inmers in emplogment, but and there sopears to be satering fegline rate of nages, engeged in the tin minen especially, that, conildering the great improvement in the price of tin, they ought to have some share of the pronts, whereas their wages Cave not been improved. Anothor inducement for the Cornish miners to emigrate 18 the reported prosperily of mining in Australia and Amerion.
York.-The Government Bill before the House of appointment of sheriffs, there shall ie a sheriff for

# West Yorkshire, ounsibling sheriff for East Yorkshin  his county. The castle of Yorkemel to used as a prison for East Yorkhire sad 

## Itreland.

Prince Arthur visited Bollatho received an addross from the Corpo
Oueen' College, and receivid anio
He met with an enthuciotio He met with an enthusiastio mon to Shane's Castle in the erevion
Roval Higliness visited the at Belrast, dimen at the Imperial tho ball at the Ulster Hall in diately left for the Isle of Man.
Pronclamition of Drary -
The Lord Lieutenant's proclamatio
ander the operation of the Per
nppeared in an Extra Gazfife o
at Derry on the persons killed
in a verdict, after three
Noncrieff djed from a gunst
constabulary. The quth

## treatment during the even.

## returned

arive to the death of Craig,
the Town Councul on Friday Alderman gated the Mayor in reference to the
about $\mathrm{O}^{\prime}$ Farrell at the recent banquet repudiated the right of rewent to call him to account, but said he mea pure, high-minded, and mononrablo not know, but he durst say he wes so not know, but he durst say he wes so tht would not dons the posase
any countryman, not even to the men ha, chester, or to Barretits, the supposed a
Clerkenwell explosion. Alderman Lyon Clerkenwell explosion. Alderman Lyou
the Mayor repudiated the report of hie p possible way he could not contimat to publichoard. Aftera warmdi
up, deferring any fucther ach
Bench refused to acknowledge the Yayor The Mayor claimed the char
uproar ensuod, and the sheot wha torn The Mayor said he would get all the m pended, and a prid barristar appointod. g large meoting of the

## city, passed a unanimous resn

Government to take immediate proceed, ise of lifasand property, and to appe
held in the Park, to expresy sym
with band and colours. Tho resolution:

## his "persecutors" Placarda

 arminathy with ascassination, and erprea
in Mesars. Gladstone and Bright Tar
burnt in lionour of tho 1 Invor, an? the burgt in lonour
rejoioings. On

were in custody for drunkenue informing him that his opposithnt to the
brought unon him a decree that ho shata
 served jorgonally ja Dublin with s cops a He returned
per rens imprisoned
conduot. A meatims
conduot, A meatin
the Romoval Bill
himolf a erniliduto for Yourha
himelt a cim of ABMS AT Corni, on
Robrery ing, while the famtly wore street, Whe three burplars, who, having operolers in
a lateh key, entered with relo semanh
They threatened the femme They threatencd the fem? revolver and a


## 

Ayys in Brlfist. - A large manu-
in
Belfast was broken into emrly on in Belfast was broken into egrly on af whd revolvera were oarried off, it
Fnaink Five persons have been 1- Kordse -Fi ur more arreats have ifion of the Athlone murrier.
Farus, -On Wed oedad, at. Skoen, Luant farmer named Joun Rossos was hosin ip pasasesion of Fanian dooumente
 trinaer was remanded to Sligo gaol in Adstanta-A correspondent
 -matil, has oriectod his pocope from dhority be haurd of.

## scotland

mir Gold Digarnas,-The Dule ried at Dunzobin Castlo on Monday suile from Kildonan House he was assamblage of diggers, who tool the orriage and draqked it in prooesgion nhio dis Lance. Ilis Grace finally alighted,
the hesd of the procession which Fas undolo of pipers to the next villege. The
4 arrangel in ranks of four deep. Arrived then jozers olustered round his Grace, itren fres sadl he would hare preat pleasure in a and a cask of beer to be sent down Wra, st the same time, that Mr. Gilchrist, crirrer Betore leaving, the duko was pre-
Hy tidelinst with the gold collected by the me soo, as a mark of their appreciation Widhont let or hindrance, or restriction Dr Ifutherford also presented the gra ns which was found in the Suisfirm met the duke on tho ground, onfer which sounds almost fabulous for ght of working the gold fields.

## 3atu.

hrs -Comorrtar of Privilizaza, The Willes





## 2

 :e elnventh lord (who was ereated Earl of
 the in i J innarope, secoun son of the sixth
 4 Thent ardslaps, after entering meirutoly into


 sed hereay by Mr. Bennett,
On rinimed, On the former
nd Dr Tristram urged cept the letters of requepat frim
leters of commatht sir in is? sent, reriowed the wh. In senlesi In If the Cburch Discipline Act, under
Irieation was male. No reason was
in requcat whyy they wero sant to the ut pre wreet fatead of to the biahop's conrt.
no - : that t, pision it was of all others a case ry eest untul some reison wos atated Ar.fal - on Saturday thls Court
Sra, La nley for bigamy. It will bo lent harrig mirried and Ured with Colonel Bry ind that har fifat he had charged her with rurge aguinst Mre. Lumley could not be
 otwoen them, The jury sequiltiod one, but convletod tho and had wilf ully set froo too ploco. Sbe was mantuaced to


 night and bast then wilt a poler. The master was stunned

 Was found partly drossod, having as he sali, lited the
slar for. Neithor master nor
their beon thare. The defence set up was, that the prosecutor -3
in the habil of that they had inflictod the injuriea they bad recelved in each other. The jury dfd pot bella io this statoment, aL $\{$
found the prisoner Guilfy.
Ho whe mentoncod to eix mantha' bard labour. Piracy of Zheravinges. Throe mixn, named raluable cneravinge, the proper, wero maticted for pirating
 Imprisonment FFrnery on the Bank of England. FITad Anic LTutchiasom b8, were obarred with foloniounly forging





 had any legal fitlo to the mones, an it if prowedtugy woul 1 bavo beth conmpelled to resture it The proseculion was cortainly a rery proper one to hare lieen inntituted by tho
anth ritica of tho bank of England, but the flestion the jurg
 tion or not. The jary almont immodiatels rothrmed a ver 3 fic

 xhrich clarged them with nalaw fulls ket ting up, keoping, Ant called the " "hacky Bare, and the " leptford spec " In proved that this kini af gamilling la, is been carnoed no to



 which represented i : that was to bo paid in prizes. At Parrab's premifoes in the
gtrand some booka wero found relating to lottoriles, includio "The Lueky Bag Spec," "The Autrallian Bpos," ica, an having referonce to forthcoming racen. The prisonera pleado

 that the so letteried were contrary to the liw, and that the
Goverament wero detornined to pat thow down, bocalise thes onterfered soriously with the morals of tho peoplo.

## Sbituaty.

The Richit Hov. Thomas Lefrot, Quteon's Benclis in Ireland, the oldent menaber of the lesmal pro-
 1997, whero ho soon rose to cmininence, anl was a leador of the

 of Exchenuer, which he retalned unthl La rd Derby's
aceession to power in 1858. Mr. Baron Lefroy wan
then selected to fill the importan poodtion of Lad Chifet Jusitice of the Quean'm Bonch, which he held until his retirement from the judiatal bemeh in 1800 , on Lore his rethroment, surrounded by his family and frend dignfifed, learned, and courteoue, a profound lewyer an
Christian gentleman, Chfel duathe Lefroy will long be remem
 ri-L henia dinilıs thal at half contary.
Girs Tromsu Mash iv hitisex, Bart, died at Shorcham an proceri.l with the regment to ind melifto fus ats ansual rainuig For somes dinse inst ho hate beon ing a precarions caken suddenly ill. Eo was nerer married, and is succoeded in his title nnd estated by his brother, Mr. John M. Wilson, of Great Dunmow, basex, who tas of the egtates for butdding read Heath, and oth
Eif JibHs EdMovd De Brauvorb, Bart, died a fow dage since He was tho eldest son of the isto Sir John Ejmond Browne, Bart, and prosectited his clafm to the rast Do Beaurcir eatates in the ribtet of has wife, but unsuccessfully. He wia ouce ressinlly conterted tho borough in 1832 nad in 1837 Ife is suceceded fin the baronotey by his only brother, Hilitla Artillery.
Bit Artaur w, Biteer, M P. for Liskeard, dicel on th.e 3nth ult, at 6, Half Houn street, in his f1st yoar. For sotno ilnces till a few days ario. He wha edncated at kianlrimgh, and afterwardiament to member for Devonport in 1559 Ho
 Durch question.

 anghert dispitarion of tho Rasinn emptro. Borm to 1 Se9, ho Fis 15 an alte te asmp t Alerander 1, and wae eotbloy the clisfean alliance with the Shah of Porifa eqalnet the Sultan His rough mataners, howerer, wo difplemodi the Blanh tha
 boon after an admirnal in 1834, and Minister of Yavine in is In 1855 the war mint to Conct andinoplo to demand of the Solte on bohalf of the (zar the right of protectarate uler all the
Greek Christiang. Ho appoered befort the liran in an ol palet




 cull. I'riticu Mentctikikfithun retires from the sorvioe, but old Enuman Panaluziet party.
of the patilo of the ditle died at the the lat surfiring offioer of the kothe of the dith died at tho Parnde Carmarthon, on






Wilia. The will of the Exti of Wicklow hee lieen swrit
 ,oooh A Admiral Gir Charlos Chatiatopher Parkor, Berte, if cota Fuallier Guarde, $25,000 \mathrm{~L}$; Mr. Charlom Boll, M $\mathrm{l}^{\prime}$ fur 1 ith Selsiun, Surray, Eton Bquing, And Lomberd Bere Hmelth, of 8 F Willinm funkorvillo Monyponay; $80,000 \mathrm{~L}$; Mra, May,

## ftarkets

## COVENT GARDEN, $\rightarrow$ 胃第 8

Doth home-grown mad Oontimental, with litile welleration in Wifee-among the Lattar motro oreollent epring Cauliflowore
 Cactadinlitana IIy

## F13 IT

| Aplles, par buahol, be to 10 s | Ve |
| :---: | :---: |
|  |  |
| 14. | fra l.e-s, jeer doz., Sat to 48 |
| Kent Cows, per lb, is to | Pears, |
| Lemons, p | Pine-applea, per it |
|  | strimberrien, p. |
|  |  |
| ans, Kidney, p. 100, 24 to 30 | Frenoh Com, |
| Heet, per doz, la to 25 | Mint, per bunch, 9 d |
| Cohtayces, per for, is $\omega$ ge | Muahrums, p, putt., ing |
| Curtots, per butue, glt to 10 d | (1m ase, per lawhel, 15\% |
| new, 4u, 2a to us | Paraley, jeer funch, th to |
| lryowern, Cimmsh, p | Jecha, green, 5 g dart. |
| to 4s | P'otastus, 1, rk lejents |
| ery, p bund, is Ad ta | As to leine |
| cumbuera, | jkes, do. 80 |
| dive, per das. In 6d to |  |
| ots, per $1 \mathrm{lb} \mathrm{g}_{4}$ 8d | Scakale |
|  | A |
| 5 |  |
|  |  |

## ENGLISII WOOL


 End Hetton, 18s. 6d, $;$ Wall Eud Tuntall, 15a. Sid, Walls End
 18a, 3d- ; Brancepeth Cannel, 18.

## Hay.-Per Lood of 36 Trusnes Burbirgin, Thurdey, May





 Straw

POTATOS - Soctawark, Monday, May 3.
During the pat week tho arivals constwis, by rati, and frina alsrod have again been in execss of the demand, Fork Rezentis, per ton, sis, Is thian do, com, wilus.; Perth, Portar, en I Flfo do,
Whiter, 15
HOPB-BOROUOY Manter, May 7.
Mears Puttomden sonith report a atoudy mquiry for batng fully mainthined.

## THE GARDENFRS CHRONICLF AND AGRICUlTURIL G：IZETTE

METROPOLITAN CATTLE MARKET．
We have a shorter supply of Beasts than on Monday last；
choice English are especially acare our top quatation is exccoded．The number of 8hatep is larger there th，howerer，\＆edomand for them，and ppices are not lower．Lambs are selling ahout the same ns of late． Calf trade is dull．Nur foreign supply consits of 2267 Beaste， Beasts；from Ireland， 2.2 ，from Nurfolk and Suffolv， 800 ；
and 400 from the Mi iland and Home Counties． and 400 from the Mi liand and Home Counties．
Best Scots，Here－
fords，se．．． 58 to \＆ 0 Best Long－wools Best 8horthoris
2d quality Beasts Beet Downs and Ho．Shom

Deasta， 3100 ；Sheep and Lambs， 30,$120 ; \ddot{\text { Calvess，} 158 \text { ，Pigs，} 130 .}$


 9 Figs．
Fest Scote，Here－ n．di，med
Bet Shorthors 8 to o 0 Boat Long－wool
 Best Downs and

## Half－breds

$\because 0=0$ Cambe
Do．Short $\quad \therefore 8 \quad 0-0^{\circ} 4^{\prime}$ Piga
Beanta， 910 ；Slueep and Iambs， 10 ； 800 ；Calve日， 404 ；Pigs， 20 metropolitan meat market．－may 8.
Beat Fresh Butter


$$
\text { MARK LANE, - MONDAY, May } 3 .
$$

The supply of Wheat from Ezsex and Kent to this morn－ Ing＇s market wra small，and sold at the extreme pricern of this day sennight．Therr was a moderate attendance，and of that day．Barley Was gd．per qr．cheaper．Beans were per qr The Oat trade was atecowy at the decline of od．to 1 ls ， par qr．quoted on Friday．Flour was dificult of aale at lato
Prict per imperlal Qtarter．


## Forfolk ．Thera．．． Forfolk

 Oats，Ereign and gufing and diotriling 20－26\} Malting
－Bootchand Lincolnehire．．Potato 25－33 Feed

Rrz．．．．．．．．．．．．．．．．．．．．．．．
Bend，Mazagan．．．．38sto 40 s ．．Wick 42－43 Hamow


 ．ditto 28－40 Country．
Frter market last Monday bencicinl min get in and lastod
for about at hours；with this exception the woather bas fine since the 30 th ult．The reports of the woather has been thue very favourabie Farmers＇stapplics during the lan－ elght dajs lave fallen of pers stapplics during the last
importers withdrawing their samples，and some of the pretailed in the trade，leading to an afvance of about ls．pe gr．on home prown Whert in several markets of the kingdum，
 and Oats have shown no decidod symaptoms of improvement， The serious reduction in the raluc of Maize has produced elight recovery from the late lowest riten，Flour met a fair the wrek consisted of 44 cargoen，of which，with those left over The trade in fontinge remained for \＆ale last uight 37 cargoos． not inactive for whent arrived off the cosst an adcut is，per qr．Was asked．Maize was in better demanel ond ituproved slightly，whilst Pariey was firm at last week＇s at full rated；in other articles there wha nothing doing for The arrivala of all grain thin week are small There wias a very poor attendance at this mornlng m markot．The ititile
Maglish Wheat on offer wea sold at the extreme prices of
Honday，Foreign was generally held for lo，per qr，advance，

## deares

Abrivals yrom May 1 to Mat 6 ，mitie nozuatye

|  | Wheat． | Barley． | Orts， | Flour． |
| :---: | :---: | :---: | :---: | :---: |
| $\begin{aligned} & \text { English } \\ & \text { Irish } . . \end{aligned}$ | $1160 \mathrm{qrs} .$ | 30 qra | 20 qrs． |  |
| Foreign， | 7060 ＂ | $2 \% 0$ | 10，810 | 1030 |
|  | 8220 | 310 | 10，830 |  |

Liverpool，Tuesdag，May 4．－There was a good attend－ market，and in Wheat a good consumptive businens was done nt an advance of 2 d ．per cental on the rates of this day week． in moderate demand at an at former full rates．Indian Corn per qr．on the weck，Oats held firmly．Oatmenl nogleoted．

We have bad ciurins the MARKET．
demand for Red Cluving the mast few dajg a pood apeculative that little in held at an newracelgra seed in the market，and quotalions are reported fromabroad，this teadq to Increase of jearling seed．We have no change to report in the values





 request．

|  | Ajeragrg． |  | Oats． |
| :---: | :---: | :---: | :---: |
|  | Wheat． | Barley． |  |
| Mar．${ }^{27}$ ．． | $4645 d$ | 43581 | 27 s 1d |
| April ${ }^{3} \cdot$ |  | 41 |  |
| 二 $15 .$. |  | $4{ }^{4} 8$ | ${ }^{28} 8$ |
| － 24. |  | 438 | ${ }_{26}^{27}$ |
| May $1 .$. | 449 | 422 | 2811 |
| Averago | 40 | 43 | 2611 |

W ANTED，
 WANTED，in one of of ther．

W ANTED，an active，clever，Young MAN，who has


W anted，a ciever Young Man，as PROPAGATOR


W ANTED，as ASSISTANT PROPAGATOR，an Anctive

 $W_{\text {mut be }}$ ant

A HEAD SHOPMAN，by June 1．－He
 W ANTED，A SHOPMAN，in $n$ Wholesale Seed


WANT PLACESG．－Letters to be Post Paid．
E XPERIENCED GARDENERS（or as GARDENER



 IR $^{\mathrm{R}}$ WM PaCL Less to announce luat he has made


To Gardeners and BaLuff（Head，Foremen，or Under） J AMES CARTER AND CO．having many applications

 may roly upon J．Carter a Co ndopting the miost atringout regula JAMEACARTFA \＆Con， 257 and 888 ，High Holborn，London，w．C．

## Gardemors and Under Gardeners．

W Whose charactall time on thelr books MEN of variona qualinathoy
 Keleoted．－High mite Nursories，London，
（ARDENEHK（HEAD）－－Agei3今，marrad ；has a thorough Stock－M．M，4，Andover Road，Eorasey Road，Holloway，N，and （GARDENER（FiEAD），in a small Estahlishment，

（ARDENER（HPAD），－Age 30，thoroughly and prac－

（ARDENER（HEAD），－Age 32，married，no fumily，

$\mathrm{G}^{\mathrm{ARUENER} \text { ，（HPRA）－－Afe }}$ 28，tharoughly under．


 （TARDENER（HEAD）．－Age 36，married；has n thorotigh
 ment of Lind nnd Ntock Good references A A B，Mr，Tnjlor s，

To Noblemen and centlemen．
N




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$G$ PREMENER

G ARDENER（St
Stands ireanhinaured
$G^{A}$
GARDENER（Ty





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$\mathrm{P}^{A}$
Patent mouty and wam lit as Leather，nre impervious onfo Dimp，To are sent with the Clumpa

Price per Pair，Reand of Spar：
Men＇s and Borit



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## M ARAVILLA CUCUA is PERi <br> 


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 r．Goucester，Corentry acd sulam，
Beating by Hot Water．
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porrivitus $\qquad$




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Somen the the Nibility，Geittr，and Trade in most of the

 W．H．LIEGELLES＇MACHINE－MADE Mosictive


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## a

 HOTHOUHPS， GUNAFRTATOMIK， Flot－watre PIPE






 Old Barge Iron Whari Upmer Ground Niret，London，8．E．



BOYAL HORTICULTURAL GARDENS，SOUTH KENSINGTON

## to he seen in the inclosed entrance arcade，

RISHIS DESIGNS FOR WINTER GIRDENS，CONSERVATORIES， HOTHOUSES，GREENHOUSES，VINERIES，PEICII CASES，\＆c． to be seen in the ofen hastern abcade，

## ORMION＇S PARADIGM FRUIT AND PIANT HOUSES，

 the best chear sthucterfis of the present time．also ORISOA＇S NEW PATENT CONVOLOTED，LIPROVED MULTITI BULAR， AND OTHER HOT－WATER BOILERS，Hide of the best welded Wrourbt Iron，perfectly secure sgainst cracking and failure from expansion and contraction，an occurrence so frequent and fatal to all forms of cast－iron boilers．

PIANS，SPECIFICATIONS，AND BSTILITES ON APPLICATION．

## CONSERVATORIES，HOTHOUSES，MANSIONS，CHURCHES， PUBLIC BUILDINGS，\＆o．，

HEATED ON TEE MOST APPROVED AND SCIENTIFIC PRINCIPLES，
henry ormson，Horticultural Builder to Her Majesty，
4D gftrmater apparatus mandeacturgr to tie commissioners of hpr majestys royal falaces AND PUBLIC BULLDLNGS，AND TO TEE ROYAL HORTICCLTUBAL SOCEETY，
STANLEY BRIDGE，KEMG＇S ROAD，CHELSEA，LONDON，S．W．



 い1年に



 HOT－WATER APPARATIS of ther ther Hithan，


CRANSTON＇S PATMNT GLABS BUILDLNGS for

 －rlaIM（＇lllas． 72 inchoo wide，from ild．por

 Rt the lomen prico for oulade GIOP BLLNDS，attod on the improred
 SRED BAGS and SACK8，atd BAG8 of mey



The Best and Cheapest Agricultural Newrpaper 18

 nuectod with tho $A$ Eric 1 tra
 Prico Ad．，ctamived．IQ Vaxntor Stroet，Strand，W C． New Trade Journal．
THE SREDSMAN And NURSERTMAN Thite no for Dmiters formmunication for the Storn and Nursery Trida，and for Dmares io ymouren and Feoding stumb．


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                                    Comprea ur No.
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##  <br> \section*{Hsints to Young Seedsmen How to Detoct Adultornt

}Clover Soetoct frur Adultornted
Tho Loortob Bulb Trade Rogal
Annunt and Perenial fire－
krane Are they Ident cal？




 Fronme tuir the Playt Trate The Mmate Trade

Lea（two prgrivitu）
Tho grenamar and Ni－mataryay in publuthed on the 1sth of mets


HANDY－FOOK of the FLOW BR－GARDEN ：being




BIITISH WILD FIOW KR






## 

 S．w teady： Ench Volunio has a Coloured Frantlepieoo and Faght ir ates to
 Shelld，belng altogother 14 P＇Platas．


For the Best Practical Information On LAYISG DOFN NEW or 1MPROVIVGULDGRASNLANDS，


 Notes on tha Letaning fraksiy and Cinvore，from perwinh．olselvi－ Notes on th bosutinif nilustrations of the mot nsofal kiadn If It whll not do to lat Grascome of thelf in order to kood parture．
 Yir．Sormir paper on Laylng Down Grme，wheh jou will pct hy
 to equatitut















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 $\mathrm{T}^{\mathrm{HE}} \mathrm{GEEE} \mathrm{ERAL}$ impouverier cownant.






$M^{\mathrm{R}}$.



$T$ Hesocier op priters in



## 

$T \mathrm{TRE}$ Courr.- Tho Paeen, acconpanied by the
 20 minutes before $70^{\prime}$ clock. Prince and Princeoss Cbrise tian. Priace Christian Vinctor and Prince Albert of
Schiesmip-Holstetin

 and arrived at Windsor at a quarter past 2 o'tloeh. Castle from Greno ich Pukre. On Sunday. the Quean and royal freenwich itended Divinunday the Quean Mrivate chapel. Thio Rev. Edward Kinp, Principal of moadesion preached the sermon. on Monday

 Sydney, and the Righit Hon. Chichester Fortoscoue also arrived and a visitit. In In the atternoon the (Yueen drove out with Priineess Louica Prince Arthur and Hasean Pawha drove in an onen
carriage and four to carriagi and four to virennia Water ()n Tuesday morning the (uxeen, accompanied by the Princessed and Pruwe Artbur, left Mindsor for London. travel-
Iing thy special train on the Great Western
tin Railway. On arriving at Paddington her Maiesty and the Rogal fanaily proceeded in onen car-
riages to
Buckingham Yalace, escorted by a detar riages of Buckingham Palace escorted by detach
ment of the 1 Thth Lancears. Her Majesty arrived at
 Victor, Prinee Georze, Princess Louias, and Pribicess
 Mademonizelle Misurus, and Yiscount Sydroy also leit the Castlo for London, In the ateonnomethe Oueen held d Drawing Room at Buck kngham Palaue whirh
Fas vers numerously attended. Her Majesty afterward dsore nuerouty 2rtenced Hor Hijesty after-


Queen. In the evening Princess Lrouisa and Prince Arthur, and the Prince and Princess of Teak
went to the Royal Italian Opera, Coyent (tardea On Wednesday norning the Prince of Wrales visited the Queea at Buckingham Palace Prince Laopold accompanied by the Prince of Wales, Princes Loulisa, Prince Arthur, and Princess Beatrice, yisited the Exhibition of the Royal Academy at Burlington House. The Prince and Princess of Wales visited her majesty, and remained to lubcheon. In the afterForeign Affairs, had an audience of the Queen,
and presented to her Majesty the Columbian Mod presented to her Majesty the Coturn Howard, her Majesty's Minister at Munich. A 4 o'clock the Queen, accompanied by Prince
Lenpold and Princess Beatrice, loft Buckingham Leopold and Princess Beatrice, loft Buckingham
Palace for the Paddington Station, escorted by a detachment of the 17 th Lancers, and nroceeded b speciel train on the Great Western to Windsor. In the evening, by command of the Queen, a State
Concert was given at luckingham Palace, to which a party of nearly 700 was invited. On Thursday morning the Queen drove in the grounds. Princess Loulsa was the Duke and Duchess of St. Alban's, to whom her Royal Highness stood sponsor, at the Chanel Royal, Park. In the afternoon the Queen held a Council, at which the Biskop of London was sworn as a Privy Councillor. Earl de Grey had an audience of the Queen. After the Council Vibcount Sydney presented Simon Scrone of Danby had not made out his claim for the Earldom of Wiltes. Her Majesty, accompanied Py the Princesses, Prince Leopold, and Prince and Princess Christian, were expected to leave Windsor at octook last evening for Balmoral.
THE PRINCE AND
The Privce and Princess of Trales left Paris on Tuesday evening, and travelied all night to Calais, where they embarked. Their Royal Highnesses landed at Dover at the early hour of 4 o'clock on Wednesday morning, and, travelling by the ordinary tidal train of Erouse soon after 8. Amone the suite of the Prince were two Nubian boys whom his Royal Highness has brought with him. On Thursday the Pripeess drove out. The Prince went to the House of Lords.
Privce Arthur returned to town on Friday from Ireland, and rejouned the Royal Artillery at Woolwich. Saturday in Downine - A Cabinet Council was held on Tife Conseryative Papr
ervative Peers will be convened meeting of Con holidays to consider the coured after the Whitsur second reading of the Irish Church Bill in the House of Lords.
Parliamrntary Movemratis. - The Ligkaard eleation terminated on Wednesday in the retiurn of Mr. Horsman by a majority of 83 over 8 ir F. Lycett in the return of Mr 3Iontagu Gumated on Monday didate, by a majority of 2 over Guest, the Liberal candidate, by a majority of 2 over Mr. Charles Greene. A
petition against the return is spoken of. on the petition against the return is spoken of, on the ground M.P. for Drogheda, and Mr. Evans, late member for South Derbyshire, are likely to he the Liberal candidates for the seats just vacated at Stafford.
Trials of Flection Petitions-Mr. Justice Black burn on Thursday gave judgment on the Stafford petition, stating that he could come to no other con-Clu-ion than that certain payments under the name of Colonel Meller's election acta orruption, and that sidered that intimidation had heen proved against Colonel Meller and Mre then declaren the election of Chawner was disqualified for claiminz the seat on a scrutiny by reason of intimidation practised by his ordered lle exonerated the members persally, and recollected that Mr. Jastice Willes referred the question of costs in the rase of the double return for Horsham to the election petition judges, who have decided to make no order as to costs, so that each vide Dipio in own expenses.
Diplomatic Movemrants.-Sir John Crampton, her Majestys Minister at Madrid, has sent in his appointed Second Secretary to the Legation at CopenClarendon on Thursday Johnson took leave of Lord 2s Chargé d'Aftaires until the asprival of Mr. Motan Wednesday next, and will embark Southampton on Baltimore next, and will embark on Saturday for Baltimore
ORDER
Order of St. Michael and Si. Gmorgr-As a Sart 'if the plan for the extension of the Order Grey, Earl Russell, Viscount Monck Derby, Larl strzelecki will recaive the Grand Cross of th Oount While Lord Lyttelton, Sir F. Rogers, Mr. Adderley, Mr. F. Peel, Mr. T. F. Elliot, and Mr. Menry Taylor Meetiva Knights Commanders.
cetine of Dean Dfang at Lambeth Palace.-A the two Archbishons, washeld of England, convened by Palace. It was attended by Dr. Mansel Lambeth St. Paul's; Dr. Stanley, Dean of Westminster; Dr Alford, Dean of Canterburr ; Dr. Duncomhe, Dean of or Chichester: Dr. How Hown, Dean, Dr. Hook, Dean Ioyd, Dean of Exeter; I)r. Bowers, Dean of ManFin, Dean of Ely: Dr. Saunders, Sean of Dy; Dr. Grodnd Dr. Close, Dean of Carlisle. Some of the other
deans were incapacitated by
being present. After some
deank of York, deank of York, After some dise ard committce. consinting of the
bury and York, the Deans of
pouls, bury and York, the Deans 1) oans and chapters. It was cathedral, for educationsing catbedral, for educational pur
small liviags, had been resol
stone's (xovernol The sovernment.
feaconry of Xorfolk tacant
Rev. Ralnh A Bouverie, has b
Revelock, MA
The Marquis of BCTE
Jerusalem with the spurs a
Bounllon, making him
The ceremony was performed
Holion Sepulchre, called th
The, Inoncllad Squation. berland took their departure
Minotaur, flagship of Rear-d
nalied the rest of the Rear-dder Bellerophon, Hercules,
squadron round the 13 heakwo the fleet were well out in the Coancel. anchored at Spithead on Monday taur, as the ships of the dyysios tovition with the flagship of the Adrairal to mouth. The crews of the ships were
in the afternoon in watches. The docked for the last 11 months, and not sail with the fleet, in consenuenc is now on shore on six week's sick leare middle of next month

## fforctgr.

France. -The Emperor and Emprexs mu distribution of prizes at the Hortienlurara.

## In answer to the cougratulatory of Ctartres, the Emperor sadd: <br> Remperity years age, was the I huve not forgote Whas withe <br>  <br>  <br>  <br> 

 meet in their clectoral ciont d, and will, I tare who bave thrico accorderd to ne flact sultrazol, ar order, progress, and literty canmut fall to case The Journal Opiciel of Monday even Lginn in ajpeal to the good sonse ard firmbest nejule hyanast subversive and reme cuasai liberal spirit which will continue to char policy of the Government. The !ruce of liales were present at as rever or 18 Boulogat. Their Royal H.glacese
to Vernalles with tho Einpress,
and
Thesday on ther retura to England. the Jth inst., the debate on the
Constitution were concluded.
by the name of the lReptiblican minonty
in the would abstain from votiog on the althougla it was conformable in seemed to place the liberty for fore quer accorded to Spaniardy Had it been
Spaniard or foreiguer who proiesses a than the Catholic,
In the sitting of Saturiay
the recent rumonrs that
argainst the establislumen
honour and liberty were lu
Sunday Senor Orenso asked formation relative to the fut that the Goverament Fer negollations for the
foances should be re-organiser 1 orider it the silting of Monday the diccussion on the Constitution
of Senor Zorrilla, who bad the mania of the
Somor Zorrilla explamed
tribute to the Folunteers

A we the Liberes ceotion of the town council Mr. J. Murply, brewer, wis chosen room of Mr. OSulivan. The Fenians, niti is iout suffioiontly extreme in his views riveturous enourt in his aotions. A men
 ife) (enlent and "Jurtise-loring," (hef
 mil uf hum with deatu Town Counchlor artu hetter as as trator to Ireland.

Nit Cliskis AY AN Duburn.-The (neetedi upre removed yesterday to the tra af 4 religinus claracter. More than
 Mr. Bradshaw, of Philipotown House, Lr. Bradshaw, of Philipstown House, a.it Lat oue of the leadng solicitors of that altd intructions to take legal proceedings
 howe newspapers having reforence to in sullincl are in preparation,
yuguse UE Ma. ANEETrLL,-Two men orra, biog implicsted in the murder of Mr. the station-master at Mullingar. Both were the Junction, Where the elder had beld a themizis sub-rdmato pusition for several La wite rrentel in convequene of 1 formaon pariculars of which sre stif sept secret, conar , leene, that slio had to be removed Hichat renee, thant
lice escort to Dublin
agrarian Outragrs.-Mr. H. C. Curry, Carry Lodge, Leitrim, Was fired at on the
wheturning home from o friend when returning home from a friend's The county of Cavan, but escaped without 2f) anect cause of the outrage is not known. A Thess, boand wounded by another farmer named Thess, beantise he proposed to had over to his sonThan it possession. MKean has ahsoonded.-A Titrutidy night. As Mr. Hugh Brady, agent to Dr Whel l ino friends, he was fired at, home, ncoomhiel tro friends, he was fired at, and severely ir - tertuined that his life may be saved. No olue to

Ha: Dhonure of firearms recently stolen trom the shament of Mr O'Ne enle, in Bollist, were recovered 3 citruat. Through a boy having presented one of an inquiring in the shop for other stolen proWr, sad toot the boy into custody. He endeavoured coape, but was reaptured, and a search in his
th - toonse discorered the weapons ooncoaled under 1 whither lif roome
 lumms tahiag a rovolver from Professor (0'Leary, of

A EEY OR A RIABON LODGR.- The polioe on in-il thit a Ribhon Ladge met. They discovered puments and arrested one man, but the escaped
Drery Riots.-Informations have been sworn Iirm Mryphy, one of the persons wounded in rry rins, in which he positively identifies an ai by which Craig was killed. Barker has been Head on bati.
ana- al Pimable at Elertion Riots. The trial of (1i- 11 mand during the election riots at Droghede mev, Benelh. A party of the gth Regiment, with hatch hary and hussars, white escorting a body of Whatre electors, were violently attacked by a
and

Tisn shots were fired by the soldiers without of wheh kilied Foods. Private Bonello 4 travereer were originasly arrosted, hut Bonello cotel by 3 Ir. I. Butt Thmbe sent for trial, He Wia aitrageous conduct of the mob was clearly everal, witnesses. : After five minutas'

## Stotland.

int af saturday Norrif Scotland.-Accounts from
Thk of saturday last, state that there has been exceediagly cold weather, with intense the mene side, The distant hillis of Suthernel nith snow, and of Orkney on the other, aro tandept. of 3inehes on the Ord. Grass and oat ru urenns areatly in consequence.

## 轎attways.



Fincral carringes, Soveral passangers wort beriumsly had a fractured les and otber tojurien; his noo had an armand leg broken, and Mr. Jolin Easton, olerk in the of ine lefa log from tho effecle of which ho und on seriously injured.
EI: - On On THi Glasgow 4 ND Soutio-Whaty:i -Oa Saturday mornine, while soods-train the line. Before it could be got back agaib, a pae songer-trnin from Carlinle camo up, and duskod panto it, splititiar several of the wagrous to pieces. The pasvengery, aithough muoh zhaken, were not noriously cuibulment, and vverturned. The ensineman and freman eseaped without injury. The fireman was fund lying among the coals of the overturned tender, apparently very little the worse for his full.
 been offored by the North-E.astern Company, at liartle pool, for the detection of some person or pervons who line between the towns, by which ou the connecting narrowls escaped beng thrown oft the ralls nato Midddictom Silke. At the Shire Hall, Nottinghmm, on 8aturday, two boys, nmmed Morson, 13, and 13ryan. years of age, were oharxed with placing (wo charn on the rately of the traing On Priday morole hamermp the satety of the traing. On Priday morning tha dryver line, and stopped the engine to take it offi. On the evening of the same diny another tram was obstructed by something which was after wards found to bo a "charr." The prisoners, who had limen scend mome the line during the day, were sumpected and subsequently spprehended, sud, after some hesitation, thay aid they were guilty. In reply to the maxistrate, the younge prisoner said his companion had threatened on the line. They were both put one of the "chnirs" Joseph Lane, a Joseph Lane, a beershop keeper in Sheepoote Lene
 morti polica-station, on the charke of having placed sieepara on tha south-W estern ine, near Claplan Jopction. The magistrate after hearing all the evidence, said ae did not think the defendant had anything to do with plscing the eleepers on the line, Ho fined tho defondant 20 s,

## - 0 ituary

Teif Dowaner Lady Flenzey dled on Fidday at Bighton In ber dith Yoar. 8 Sh wan the youngout end last mirviving

Henloy, in the Peorage of Iroland, bs whom nie hed two nope
 And the Hon, and Rov. Robert Howloy, perpoturl curate o








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din
$t$ compharatively stand ralle.





 ientenant colonel. Frobil in , the lais the merved in Canada, and was resent at the wethons of Ne Charlen, St, Buatecha,



 the Turhibl. Coutingent. subsequently he was clarge I with the rcorgantsation of the land Tramport corps, being appointed director-gencmal of that force. For his asrvices in the a Knight of the Legion of Honour hs the Fitaperur Navieun IIL, and regenved the urder of the Medjitate and Turkisha
buedal, with a medal and forr clasps. He was gadsci leatly
 year be returne to Ith tha in conseytenee of chio numtuy, and
 Ho was prepent in the attionsy at Kounabl, Muttrib, Golowlee, where his horse was shut 11 ta ser hant,
and the tmpaign of lass, camp of Rampora K igeea, wad in ail the 4ulshempent aperations
 chief of the staff in Nurth America, an: Afrer servizig the lonisal period returned lume, ITe was alass rimininateri notired from office Bir Edward Weatherall was appointed U'nder He married fin 1817 the dutughter of the lafe Mr. John Junne,






## ftaracts

## Dornand and supply aro, bout helurioud, tho oold wind  thuses, Gorman Btocks, Bpine japonica, Polnowern, Polyms Azaloses, leankies, Xarcterus, ind Rapureuluman 



## Eмghish wort



Hay.- Pur Loan of 86 Trumes.
 LEAD̄NPMLL ROULTEX, th.
Tho poultry market hat beno oxaciliatiy cupplior during













| Bert footh Here. fords. de | $8^{8} 6$ tot 10 |  1b. shlurt |  |
| :---: | :---: | :---: | :---: |
| Bhat Nhorthomb | : $4-58$ | k, wentel $1^{1}$ ta |  |
| 20 ¢Twalty Bemuts | 3 s-4 | 16. mainm |  |
| leet showne and |  | Jatrabs |  |
| Halfl-brode | 5 |  |  |

 The supply of Beasta Trespay, May 13 uotations aro protty well mainenfied, althougt trado to by | $\mathrm{l} \rightarrow$ morer, |
| :--- |
| q. |



METROPOLITAN MEAT MARAFT-May 15
Beat Freeh Brother
12n

pritatos.-Southwark, Monday, May 10 , Dumg the past week the arrivals coastwise, ly rail, etrade continues in the same languid state. Quotations -



MARK LANE. MondAy, Hay 10
There was a moder,to supply of whent frim Faser mat ent to this morntug's market, which ras
etreme prlces of this diy so'nnight. Tine etreme prices of this diy sonnight.
ir, but there wnes little disposition to purch
w Pales made, however, nere mostly at nus

Grinding Rarley was gil. to lo-per qr, de. ifer. Be was prad s. per dir. Flour wha firm, but inactive



Fissex and Suffolk
Scotch and Lincolnsh
Iroth....
Foreiga.
re.. Potato
ikal, Foreiga.
Mazagran....38s to 40 , Tick $42-43$ Harrow Figeon ...438 to 4 is ... Winds.

r, best marks delivered persack 3, Foreigu
 Furbsi, May ls.
Much rain has falen dhais the past week, the temperatir
 since the 7 th inst. basbeen under the influence of the weather texted itgelf during the first few bayg of the past week has mot st taces lont again, although fatmersa appeared luctined to meraked attention at a slight adrance In the Falue of Jeans
 this week conststel of 66 carioes, of which, with those left over
 Barley 1huctuated elizhtly during the week, the trade closing
 excepting in Maize and some hard Whent, which latter wa
taken fors Spain, but otherwise nothing of moment occured Rape seed was easier to buy poor attopdance at this roornlagis mare amall There was and hrought fully Munday's quotations; for foreign the demand



Encli

| Wheat. | Barley, | Oats. | Flour. |
| :---: | :---: | :---: | :---: |
| 600 qrs | 124) ${ }^{\text {ars. }}$ | 20 qra. | - Ers. |
| - " | - " | - " |  |
| 2730 | 3140 " | 8010 " | 1130 |
| 3310 | 3260 | 8030 |  |

Livarpool, Tuesday, May 11,-Wo had an arcrage attent ance at this morning's anarket, and for Wheat a fair inquiry, requeat, at areduction of 3 ll to Gd. per gr below last Fraday's doatmos Reaus dull, and 6d. to wl. per or eualar Gat SEED MARKET.
The speculative demand for new Geriona Red Clover seed, be present week : and the result of this inquiry bas been an contilent are also of from the to 'iss. per cwt ; prices on the ediged lightaess of the stocke. This fact, and the ackbow onfidence to bolfers, and give great firmess to the trate
 coginning of the season, the universil opinion then bein
bat there weuld bo very
littlo we have consequently hail agreat declino in the quotationa for French Itallin Ryo prase nit unalteredise to conve to han
 prices are demandied than sny which have obtalned throigher -1.
out the season. Tho Liseed trade is firm. White Mfustard briak demand at an arlvance of 2s, per bunbel it
beliered that this articie will be unustanlly
Rippenead is scarce, and is and 4s per qu scarce, and is almo on the rise: We hing Sowing Turnip geed are gtill the fair requegt. Lucerne, Mangel, Suede, and Johy Shaw Averages.





 THE Outdoor Propagator and Knifoman. HE AlWVERIISEKS are in WANJ' of $\Omega$ thorouglity Ference as to ahilty - Apply, in ofin haidwriting, to Saltyaras
WAN I'LD, is stemily YUUNI MAN, to thke charge of
H. Mfe, l'reaset Nutserg, near Livery'uol.

W ANTt D, a HELI) SHOPMAN, by June 1.-He
 ل Withio, a SIIOpWAN, in o Wholesale Seed


WANT PLACES.-Letters to be Post Paid.
H XPFRTENCED GARDENERS (or as GaRDENER

 Tadies and Geinterion ronuritg tho nbine that ho hat on his IR. WM. PALL beg* to announce that he has nade



## To Gardeners and Baillff (Head, Foremen, or Under).

 J AMLS CALAELK ANiJ CO having many apluations Fill eand NAME, ADVRESE, nnt COPIES of TESTIMONLALS mas rely uphn J. Cantik d Cn nder ting thin riwst stringent regula-

WM. Gardeners and Under Gardenera.
W M. CUTBECSH AND SON her to state that they Holsion characters will bent the atrictest ingury. Aus Giantioman


## To Nobleman and Gentlemen

Garden JOHN HARLISON has on his Books several elever



 C $A$ RDENER 14 ; thoroughly undorstands Forcing Frnit, Fiomernild,






(才ARLENER (HEAD),-ANe 39, married, thoroughly



 (ARLENER (Head, or Single-handed) -ige 34,



$G A R I E A E R$ (HEAL), or GARDENER and

 Practising
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bad
and




CARUENEEL-In prime of Infe, married, with two

GARDENER (IoviRNPYMAs), in as and Pritate or CARUENER
Man'a Garden - Agg es ; oxcollene charuoter. - Hic







FOREMAN. - Are 2G, s ingle, th

Tureiman, in a Nobl man's or lienteman 12


FOREMLAN (INJOOR)-Age 32,




DROPAGATOK and (ELXEKAL Jl Ills JR-1

J OUliNETAMA
[MPROTER, in a Gent.eman's

MPROVER under a hobleman's of Ger
「 MAAVELLER or SALF.OMAN

AUNDRESS (Ex nerlence i) - Are wis na ar


## WILKINson ANotice of Ramoval, <br> ILKINSON AND KIDD, SAODx







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TARAVII A Success Unprecedented $T$ TM


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NNEFOKD'S FITUID




## Cat mat Rat G

Grot $T$ artid RHELMATSM - The ITM

sold hy nil medlaine reninn
shtaliod throukh any chepist

## The Garimers' Ctromicle 12ewgpayer.

SATIMDAY, MAY 22, 1869.


RAMES \& PUMPS
for deep fells.


Pumps

CAST-IRON PUMPS. $\begin{array}{llllll}2 \frac{1}{2} & \text { inches } & \ldots & \text { fl } & 8 & 6 \\ 3 & \because & \because & 2 & 1 & 0 \\ 3 \frac{1}{2} & " 1 & \because & 2 & 6 & 0 \\ 4 & " & \because & 2 & 14 & 0\end{array}$



A. stie.

Tirners GARDEN ENGINE TARDEN ENGINE

WATER BARROW


No. 10.

ATER BARROW

## Eealth of Horses. <br> Stables, and Dog Keanals.


 PIRIMONT \&EYBSBL ABPGALTE.

 J Fanexll Secrelary, in lownaluent Suroel, S.w


 " CH TANNEL LEATHER CUMIANT,

 PRIMERTRAP and MILE, BT 17S. Winsohouse $\mathrm{BI}_{\text {, Mark }}$ Iane, Lodion EC

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THE PATENT ANNULAR SAIL WIND ENGINE.
These Engives are adapted for Grinding, Chaff Cutting, \&e., as well as for Pumping.
Afry be sem smartion at their Factory as above.
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PORTABLE PUMP With Improved Valves for Liquid Manure, $£ 2$ 16es. for 2ucinch Flexible Rubber Suction Pipe, in 10,12 , and 15 f . lengths, per foot, 2 s 6 d .


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THE IMPROVED SELF-ACTING HYDRAOLIC RAM.
This useful Self-acting Apparatus, which works day and might without needing attention, will rase water to any height or distance, without cost for labour or motre power, where a few feet fill can bo obtanned, and is suited for supplying Public or Private Establichmente, Farm Buildıge, Rallway Stations, \&c.

-     - 

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O BNAMENTAL PAVING TLLES for Chat jon of denigua Lihewise zora elaborate dergus Kitchan Ranges, Buths 太e Grooved and otee it Hrcks of grat Gurability, Dutch and Admas cemen CILVER 8 AND (HEIUATB), at the abore sis





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 with rolas and Ropes pomplete, several socond
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 the executton of such improveroutits.



## 

Dfparture of the Colbt fob Scotiand -On Friday evening the Queen, atcompanserl by the Prinrasses and Prince Leopold, lelt Wiaduar Castle for Balmoral. The Queen drove from the Castle at 10 minates to 7 PM., and the Royal train left the Great Western station af 7 precisely. The Royal tizain reached Oxford at 8.16 , and Leamington at 9.28 , where there was \& stay of 15 minutes for refreshments Birmingham was passed at 10.21 , and Bushbury
Junction was reached at 5 minutes to 11 . The London Junction was reached at 5 minutes to ll. The London
and North. Western Company"s ofticials there took and North. Western Company's officials there took
charge of the train, which arrived at Perth at half-past charge of the train, which arrived at Perth at half-past
8 on Saturday morning Her Majesty and the Royal family breakrasted in the board-room of Perth station, and after a stay of about 20 minutes, the journey was resumed. The Rogal train arrived at Aberdeen at il ati, the morning, cleared up, and duriag the trip up Decside was very fine. Her Majesty arrived at 1 almoral
at 2.30 . The Duke of $1 r e y!l$ arrived at Balmoral on Saturday as the Minister in attendance on her Majesty. On Monday the Queen went out in the moraing with Princess Louisi, and drore out in the
afterboon. On Tueaday the Queen went out in the mornian with Princess Louisa, and in the afternoon drove out will Princess Beatrice Prince drthur arrived at the Castle from Greanwich Park.


 wav wreached by we lier ite Juf On Monday the W9- preathee hy the her in Juf on Monday the

 day the Pruce Misited his Hichn Wex WernesGate. The Prince and Princeets aterwards went to hate. The Prince aud Princeexs a arwards went to Regents Park. On Thursday the Pronie Cef Martis borough House for Sundringham The Prineess drove out It 1 s announcel that the Prince will be present at the dinner of the Ropal (ieozraphlimal societe, on Monday next, wut that the l'rinee und l'rimesss nitend to be prosent at Epresu raves on $W$ elinesclay next, the P'RINCE AND PMRN EAN C'HBISTIA N were preventod from accompanywe the (lueen to Buluoral on $Y$ riday in oonserupance of hise indisposition of her liagil Hıghnes from a slight nervous altack.
Pridey in Downins A Cabinet Council wis hold on Friday in Downing street.


 the stiting mems'ur for Caidhmes (' Prall, nephew of a requisition. Whach bis recenvend the sisnatured by nearly half the constitueney, to become the Luberal canduate for the varent sent
 North Norfolk alection petitient was opeened on Monday It is said that the tral sw likely to last a week at lemast.
 Primate has conferred tho vaunnt archdeaconrs of yeur and residence, on the Kev litward Parre, MA reetor of Acton, and only aurvis ang son of Nir Edward Parry, the Arctic navigator.

## $\sqrt{50 r e t g h}$.

France-Priner Napoleon returued to Paris on Wednesday. The Gaulors say-that the Prinue of Wrales hats invited the joung Prinee Impurias to pay hum a sisit, and that his dRof al Highness has accepte. 3 the anvitation. The whole of France is now emprossed in the prenarathons for the approwhing elections ln the fifthand seventh electoral districts of Paris iarge and tumultuous meeting were held last week, at which, for the firm

 Fifth electoral dintrict attracted to the Isunlevard
Beaumarchais an 1 momense crowd, ummbering abour Boaumarchas $2 \mu$ lumense erowd, ulumbering about
20,000 persons, who began lo sigg the "Mgraillaise. A body of poilice, reiniorced by 500 municipal gnards Sevaral pering on horsebsck, drove back the orowd. Sovaral persons were severaly hurt, and an officer of police was bady wounded by manight erers thing where M. Henri Rombefort in on.o of the candidates, took place on the sane evensme in the lonulevard Sanit Michel, and was followed by a similar dewonstration. More than $1,1,00$ fersons congregated and sang the Friday the meotings which were held were generally of a paceful character; but after if I M. soveral bauds of persons, proceeding from different voints, mathered driven back by the police. Another cruwd while crossing the Place Royale tore down part of the croilings which gurround the garden, but no dieturbance ollowed. On Saturday the Prefect of Police for the epartment of the Seme issued a notice calliaf aftention o these disturbances, and ealing to mind the regalations in force for sachlitating the traffice in the public
thoroughfares. The Prefect added that fresh disturbancos would not be tolerated, and that of necessary the law relating to assemblages in the strect would be put in force. IIo also ealled upon all good citizens not this notice the disorders were renewei on Sunday night, but in a much less degree and in fewer places than before, and on Monday thoy ceased. As on the
previous days, the premelpal sent of the azitation on Sunday was the new loullevard St. Muchel, where crowds througed thr foutwas, an abart lu ochatik groups of men in blouses, formed it wnot matervals
fron eanh ither, besan to cry "hue Rochefort:" "Ire la Lanterne!" between the pauses of the bloaked up, the sergens-die-ville interfered, and some of the more troublesome who refused to move an were talcon into custady. Of the 19 parsons arreated since the 12th 10st. for taking part in the disturbances in Parls, 132 fre still detained 10 custody. At Marseilles, on Wednesday night, after a meeting of electors, Which was attonded by It crowds assembled, and bands of people paraded the streets, singing the "Iarsellaise tanaus arrests were mado by the poltee. At Thiers, la the depart-
ment of the Puy de Dome, some disorder; have occurred at the electoral meetings The penple assembled in
and shouting "Fize Ledru Rollin" "s "Fice liarbe - "; At Nismes B crotd of 306 people sissembled commune near Bourges a number of political agitatons forced the doors of the prison and hherated a person from the hands of the police. I root attended with
bloodshed has occurred in the Department of the

Aube. A circular has been sent by M. Forcade de la
Roquette, the Minister of the Interior, to the preferts. in which he reminds them that, in virtue of the eigth paragraph of the elestoral law, all meeting
are to cease five dass before the roting. He also calls: attention to the fant that Artule 33 of the same las conters upon the prefects the rizht of disenting any
meeting of $a$ mature likely to disturb publes order. Cardiual Bilhet, irchbishopof Chmbers, has adfressed instructs them to tell their mariwioners in publec to and only for men recommendable from the prin piples and their moral and religious conduct. sarious elpe toral fireulars is the unnonimuty with which Firious elpe torn prreutars is the unimimity wind which t'ie development of the public liberties, and protests a zunst persinal goscrnment.
the l3the thedreth-w on the the lyth the duetheson on the drait of the Constitution was resumed three hourin driserre, moned anamendment propining a Confederate r"plible as the future dorms of a monarchy was compatible with all liberties of the people, and the amendment was finally rejected hy 182 of anamic of a democratic republic as the future forms of governFriday, after several amendments had been moved and rejected, Senor Balaquer moved that the Government be a democratic monarchy, but he withdrew his motion
after a speech from Senor Olozaka, who showed that atter a speech from senor Olozaga, Who showed that the constitution as laid before the House was of a very
democratic character. It was finally agreed that the article should be worded thus-."The sovereignty resides in the nation, from which all power emanates,"
An amendment requiring that the future monarch should be a Spaniard born in Spain was rejected by 121 to 60 A motion, demanding that the election of
the Soverelkn should take place by plebisctums, was the Soverelun should take place by plebiscifum, was
also rejected. In the sitting of Monday, Scnor Serraclars attacked the idea of \& monarchy, which he considered incompatible with liberty. Senor Selvala,
defended the draft laid before the House, remarkdefended the draft laid before the House, rewark-
ing that the Republicans thenselves were the preatest obstacle to the evtablishment of Republic. In the eveaing sittmg Senor Figue-
rola, the Minister of Finance, laid before the IIouse the estimates of the ernenditure of the current 8 sear, Which amount to ery millinns of reals, bein the sitting of Tuesday a resolntion to take measures sideration. The discussion was the draft of the Constitution Was then resumed, and without the ocourrence of any incident of importance. In the sitting of Wrednesday the debate was continued, but the vote on the chave relatise to the future forms of
Gonernment was mot takens, wasted in replats is rerolal: nions made in the
 by Senor Castelar, who attacked the idea of a monarchy as the future form of government in Spain. He prodicted that at no distant date all European countries Tnited States of Europe. He then addressed the Ministers, and alfured Serrano in eloquent lancuage not to accept a Recency. Ile elinited long applause, further asked 'Irrete with what purpose he made the Seplember fitwolution. Topete annwered that he wished to save the Quecn and the dynaty, tion. Thas statement was received with applause. He thought Uontpenser the most desirable solution, but had oo understanding with the Duke or Duchess. He hnd arted aq subordinate to Serrano and Prim, and
they all awaited the initiative and decision of the Cortes, He wair the the initiative and decision of the
Mssmbly that a Republi, a Monarchy, and Requency seemed equally impossible. "Beware," he added, "lest if you make every solutton cut the knot you are unable to solve. Iou will not applaud me now," he concluded, "but you will Castelar's speech by defending monarchical institufinasly the Chamber adopted the monarchical clauc by 214 saainst 71 votes. It is stated that 2000 prertisans are preparing to enter spain under the command of General Gasset and Pezuela
morce and the literare rermano-swiss treaty of comCorth (iermat, ('onfederation have been signed. They anto or erzion on saptember 1 next. on Saturday His King closed the Diet at Stockholm throne, expressed satisfaction that the Diet from the itself inclined to legislate upon a closer union between Swecien and Normay, and promised that the question jected to careful investization. The speech made no all Denkerer
Wednesday for Eugland, where he will Copenhagen on noe month. At a public banquist held on the $13 t h$, General Razalaeff, Minjater of War, confidently ex-
present a hope th

 Was to be attinbuted to the differeucea hetweem or-
Proardent Johnson and Congress. Mr. Sumper was in
faront of ratification.

Belgiry.-The official journals give the following apmoind the commercial relations of Belgium and France aring out of the Working of the Belgian raiways:-Cornudet, President M de Frauqueville, Director-Cimeral of P'uble Ruads and lirulges : and MI. Combre, Inrector of Mines, Fore Belghons, M. Vandersueep, Lospeetor of Ralway: and M. Belpaire, Enginerr. From these nanes it will be seen that the drebuee ismercial hasis. a diplomatie question to its purely commercial insme of a cold, has postponed his journed to Hanover, Bremen, and other places for several dass, , wernaps
It is announced that in Britush squadron, consisting of the irondad triante Warrior and other men-of-war, are to assemble at Heppens, at the mouth of it did that Prusma, counting upon the rentinked conceaso of tho maritimo commere of the Nurt het Covernment if cinsion of the Band Ihand now
Archispelago. The departure of the Gernaun expedition to the North Pule is fixed for June ${ }^{7}$. If it should not succeed by the end of Aukust indiscove 7tith an opening in the ice between the dass the winter at Sputzhergen or at Gilsiand, and resume the enterprive in $15^{-} 0$. The Flora Theatre at Cologoe has been tota.ly destroyed by a fire which broke out just ater the performance supposed to be the work of an incendiary, and rand Theatre was burnt down a fer months back under similar circuustances
Wvatemberg.-A letier from Cronstalt, dated l1th May, mentinns the death of Bernhard Molque, the foimtst. He was born at urembere in (s).., and from second director of the Uusera in Stuttgard. In 1849 he second arrector of the Opera in became very popular. He settled in Londou, where he became very popt his last days in Cennstadt.
Austria.- The Reiohsrath was closed on Saturday
by the Emperor Francis Joseph in person, who de livered a speech from the throne, of which the follow ing is an abstract:
After alluding to the nubarpy presitum of the country at the

 necossary to found an extrily new order of things. This was
 given the finishing stroke wo the compromise with Hungary,
The military ory uns stion bad not unly druw the bond of union
 the maintonance of peace, which thi" Aly Ae menlanlutily

by whach at wha hovel to place the f.sances ujon at and
 ascrificesit had made. His Majesty then proceeded to enu mentloning eappecially the entabiishmential by jury for Prea
of the en jurt. the intraniuction nf trial
of


 of the religio in denominathons in Austris, by whach equal




 obtained. AD underatanding atoong the eoveral races of the
emppro must cortainly be arrived at, because this could nut
fail to bo tho ultimnte rosult, and bocanse Aliatris alone offored
to of their imiluperitence and peentiar ingtitutiona
Hevgary - In the stting of the VFper lionse o
 was after a snort ifebate alopted unammonaly Th departure of tho ('fart is fixed for the ajith inat
Italy - General Menabrea anmounced the formation of the Cabinet to both Houses of l'arliament on Friday He said that the programme of the Ammatry was to uphold order and liberty, and to fultil the financia engagements of the country. The Ninistry was con fident of possessing a solid majority, and he anticipated the promotion of a closer union between the Givern meat and all the provinces of the monarchy. In the
sitting of Jonday General Menabrea, in reply to a question of Signor Bonfadini, stated that the Commis shon appointed to ronsuler the quastion of a railway fot wran Italy amil siwitzerland had hemdedi on farour of the St , (iontharil rotite The fonvermanent, however. had not yet taker any final derision. In the sittine ni ortipolicil to dolay for a fow dass the prouentation o tho financina conventions announced in the Budget

The Senate adopted, by a majo renderiag young men t
liable to the conscription.
lapal NTatfs - a report is
yebrs of expectation, the years of expectation, the ex- Queg ambd the rums of the lome a a a sum of $50,0 \mathrm{Hy}$ f. Althought
nearly termmated examationater that direction of MI. Rast, the ares (inst of AFrics.-The tumnded
by fire on Ajorl]. The sluprine
tha by fire on fyril. . The sluppota
the merchants on the beach were
or 31 E(ivPr--The Ficeroy left
 Ilympon, intondinge to arrive in Eaza the Fisux-Bonnes to take the bath at ('unotand inople at the berisuang return to Digptin September
Lusenie. The Viceroy by Chernf Pashas as liegent dup by C'hernf Pasha. T'as regency can Combana Hirat Ifussem Kotat orders from the Shat to treat on Cbolera has appeared at Ekum.

New Zealand.-The Maori rebl and once more assumed a formidable ur pader on the west coast, have both ter field. The colonists bave sustand hax bern on the west
has been attacked, and out of 1 mmen
escaped. Anotwer body of Europesi one dergynuan, has been masssirad
called Pukearuhe, near the White from New Plymouth, a torn on the settlement was on confiscated land few settlers who were scattered aroonds
from which, however, from winich, however, the local con
originally garrasoned it had been mit ggo as March, 1808 , two natires de ol it instead. Lieutenant Gaspornae b tith bis family only 30 yards appear to have been perfectly mband rranpement, enpecialy
mised to warn them should thes threatening character. On Findar of vatives must lave called at poyne's house and tomalarsan were found together-lyis fully dren in their nightclothes, and partially so, as of she had seriuence The bodies oil tro men, and Juln Milne, We and. clone to where the redou forty burns shont with firo bulets, an horse. Lle was list seen sad and was anparently shot from
 las lufa semme I safe eberyunere aot
munation of that rebels dud not exemplitic I than in murdersg and
coat and wableoat 'The suppost
parly a ho conmotted these murders party a ho conimated these mhruers
Whom lie stood godather when be bs dam of the murders hariag becu matomen rearbing the bodes brought in, sumb devised to protect the settlealeat dancer were promptly takea, sab retan the two companies of tol, minent local etfort by a furce of a rewirding the murders in duelr humes and haryes
done many times ssare

## troops were to

## strengthened by two conpante

 filentee was anfliciently resture ruluril in their homestea the camile of Jito Kowarn, the tion on that side of him. completely routed him, in the early morning, under the firing at one ories had. pudity, and carrymg n pouches, rushed into the With such a tremenuld into as quickly as they could in kep terrible close fre the mast ro ook to the buah, and fought howr. The llau-h'ua town, time carrying oll the dea! tll the Han-hans haid repreated to rowth, leavings the bush 10 our
## me optured, 25 Wull as kuas, Whumatis

 , wones, tents, nxes, ${ }^{\text {spades, }}$, and shovelsIs F On the side or the attackine force one ma and 15 wounded. Colonel whitmore imm mind their escape into the fes, wit Thari-The Parliamentary $\Rightarrow$ the charges of bribery and corruption thbers of the Legislativery Assembly at Mel. $\ldots$ The in the expulsion of one member. manith at Mel hourae, and is attended ar thata of
Thequarter
erreyen 4 ng

An ith
 quarter last year. The huard has been crrculated in Chins ientim missiunaries and styling them Pam has shay pithe Pronch hab wador on an his tha it is helieved that tir Pekn
of in in great fear of further cucroachment If or tran Mope.-The Governor. Sir Phalip turned to Copietonn from the frontier
110 has settled the 13auto houndry onechens to the reeo suate nearly all that t of land on thre eqstern slope of the tetuled the atfar, proceded to Nomansirranted sat cfactroly some disputed revle sonthward through Indencudent olice ; visited the new extra-colonial Fingo but gave great offence to Kreli and his they had been led to toly, by passing wrom they The diecovery of the grest $88 \frac{1}{2}$ carat rurchase by a colonial firmb for exporta-
acromnts of its value published in the Wers, have led the Griqua chief Waterber in Waterboer's territory,
ownership, and Mr Justice
 a da.m to its ownership, and Mr Justice
zmnte an interdict for preventung it
nt lurope. Accounts from Graf lie. net
there aro reports of a stull larger damoud Hand.
Here
Hent
Tritr--Mr. Motley gailed for England on Washiogton that large disoretionary powers given to him in regard to the reopening of cous for a settlement of the Alabama claims, Wir the Washington Government regard Mr. the subject. It is also stated that no immedt tion will be taken by Mr. Motley, who will first on ar to familiarise himself with British sentiment to the Alabama claims before initisting any as ior a new treaty, The unsnimous tone of ared the war fever to moderate considerab.y. rew widd that the country does not support the desire in senator Sumner, and that there is no Greas Britain ; no such desire to press her to "the -n of national humiliation;" and no wish among frots, whose views always control the Government intermational affairs, to indulge in the luxury of a war si at $1 /$ a whibston on the lst unst. President Grant A Mr Hale from his functionas United - Ir at Ma rrid, and has nominated Gexeral arizz an ticetion to take place on July 6 , in mitue new state constitution. The Legismeriment probibiling the denial or abridement condition on account of race, colour, or nod the people occurred at New Orleans on day, Several persons were more or less severcly The troops restored order.
It - In the Canadian Honse of Assembly d.ensen in adopted proviang for sear The debate indicated a general oppo be House to the granting of any privileges to f.chermen, whose entire exclusion from Bizena meny ia to the Paraguay.- The latest news from Whe firunt d'Eu, had joined the Braztian forces, re tad set out to antack Loper in his last position.

## Tity $x$ ntelligente.

inchan of Forgerg on the Bank of Engmible of Birkenhead, was arederick bestught before the Wring a power of charged with forging and

Coner of attorney for the transfer of
circumstanoes detailed in our lest number. Seversl Wharaoter respecting the preparation of the a forma attorney und the isesuo of thep Bank notioes relative
 the lowil hoard of the Allanee Bank, that the iether of Mi Masted, the co-trustee. refusing to asnction say hal been delivered to the prisoner two or three hours bef ire he calle 1 at the bank with the
as experuted on the same morrinz
said that
and been lail before lam to wirrant a anatine the case to be nempated by amother tramal The prorays been cautiemed, wad he had noth
 Court, and was remosed in fu*t is
 Mr. John Everelt, Mr. Ssumal (ifeen, Mr. Charles Grecnusod, Dr. Frederick C Jones; Mr. Wilian oha Werrett, eight of the directors of the Hercules Insurance Company (Limated), Were summoned before

 withdrew the summonses, and sul that the proweutors waulo irsened of the indietnent were indignantly demed by the defendants, and the Lord Mayor kaid that as no evidenere was fortheoming there was nothing whatever on which the Court could act The defendants were The. Eanchat Jonst-Stock Bank At the Mansion House on Monday Charles Eivard Mamales, James Abbiss, and Thomas Bradhaw, thren of the directors, and' Samuel (ireenway Finney, the manager of the linglish Jomt-Stomk Bank, urrendered before spired to cheat and defraud the sharaholdera by pesbumb false reporta and balauceablects, and making mproper entries in the books of the corapany. AM. Howell the rccountant, who had ar mined the bouks on the part of the proseoution, the inquiry whs further adjourned, Mr. Finney being liberated, 8 belore, of Forgerg of Bank Cheques.-On Monday Arthur Tayler, of staflord I oodge. lliston, was charzed on remand with various act- of eminding in some distriet a of south London by means of fietitious clieques on the the prisoner lia a been relaseel in banl, but the sratity
 of Lambeth Pohce Court, on Mrndas, to be mameli increased

Money Market, Fbiday. - Brifiser Punds Consols closed at 981 to 981 for Money, and 981 for Account : New mid Reduced threo per Conta, es dis. to 5s. pm. : Indis Five per Cents., 114 to 114. -Forkign: Brasilian, 792 to 794 ; Chilian, 86 to 97 Danubian Soven per Cento, 751, to 70L; Egyptian (1864), 2 to 791 to 794 . Ditio Nine ner Cents 9il to 9-7 I Italian, $56 \frac{1}{2}$ to 56 ; Tobsco Loan, 865

 to 76F; Turkish Five per Cents, 427, to, 42月: Witto
 Illinois, 93 ? to 91 ?

## ffetropalis aur fty Vicimity.

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 farint> fortnights training cruise at sea was complefod duriag Roads of the two screw line-of-bstile shins Donegal and Roads george The A pincolirt arrived frum the fireat Toren the the flag of the Admiral Commanding-in-Chef, RearAdmural Astley Cooper Kes, whirls up to the fime of her arrival had been flying on board the St. Geor-n The Duncan arrived a few houra preri u, t carrsing the flag of Rear-Admiral Phipr foroby the ofticer seond in command, the ship iormang the freet are gung, Captain 2. Miller, carrying the flag of Admina Key; the Duncan, unsrmoured wooden Ecrew 81 guns Captain C. Fellowes, carrying the flag of Rear- 1 dnuiral Hornby; the Hector, armoured iron screw frigate, 4089 tons, 800 -horse power, 20 guns, Captain de Horsey the Black Priace, srmoured iron scren Grigate, th Talsant armoured iror screw frigate, 4063 tons, 800-horse power 24 guns, Captain Pullen the Donegal poarmoured wooden sorew line-of-bathle Donegal, 82 tons, 800-horse power, 81 guns, Coptain Turnour: the Rotal Georise unammoured rooden Turnour; the koyal 2 , 26 the tons, 400 -horse power 72 Runs, Captain R. Jenkins; The Trafaljar, unarmoured wooden screw line-of-battle ship, 2900 tons, Genrge, unarmoured wooden screw line-of-battle ship Genrge, unarmoursa wowe 500 -horse power, 72 guns, Captain Nolloth; The Mersey, unsmoured wooden gcrow frigate The Mersey, unsmoured woren screw 36 guas, Captain J. Sce-


 Mr. Cbilders, First Lord of the Admiralts, Vion Admiral Sir Sidney Decres, and other otlicial permon London on Friday anerncon, and atonce went on board fomary alute, ant the filn $r_{1}$ t f flá was hoisted the ma.n. (Un Sutur ta! murts i al the reasels comp oontrithe ulnadron, is ompan ed ty the paddle-


 thetr amagned berifa hetheed the end of the great breakwater and the north slome The iroth-ila is furmed the starboard division, sud the numden the-leckera,
 an the became rather hasy chorty mper ther lof and the M-IN were soon out of sight from the abore. focounta of hilitr, statiag that tho experament 30 miles S.W. omplentely suco saful, that the Reserve men have
 botl with their ships mod their oflicers, whilo the kreater jadependence to whieh they are accustomed has not proventen? their being as reapotfut os any
 duties, ind extatht mimalar jroti leney in the rafle and


 limis endirance. Case shot hise also fire fromathe light Abyssinian steel gun at 2 inl gards, thereffects of the bullets berag evere uion the wood targels.
The Forsion Office, -Tho room in the Foreskn Ofice will not be again opened for visitors until succooding Fridays, they will be opaned as bareto-
bryME: Sruny -On Wedneadsy the metropolis was visited by atorm of lightning, thunder, hail, and anlable ach ext of dar or an and part of the morning opeaed with heavy thowers o
 by lond perals of thunder. Haltones of unateun size for this time of the year

BLACKFRIABS BEIDGE-At the Court of Common Council on Fridey it whs reported that all hopes of completing this bmide in time or onemog by the 21th of this month are at an end. It wes originally intonded to open it on that dny, which would have mell peculiariy appropriate, iusumuch as it is her Nersary of the date on which old Blackfriars Bridge was first opened. It mpears that the bridse cannot now be opetned until the begianing of July nert, and the improvement committee has been requested to reportas to the public caramonial to be adopyed on Viun it should be opened on the same day wat
 ing of the Metropohtan Board of Works on Friday exculpating all the clerks from guilty knowledgo of the ate defalcations; but Mr. Legge, one of the members, nsisted that there must have been a great deal of neggence, A memorial from Clerkenvell compinined of the danger of at ring petroleum, but the inhabitant rere infurmed that the law eottled the naster, and that the l3ard hall no authority.
CHICR H KEFOHS - A public meoting was hold at Vhins Rnomas on the $18 t h$ inst., for the purpose o rownivint a murement for a refirm of tho Church of

 first resolution, which stated that the objects of the society would be as follows:-
"I. The smondment of the Book of Common Prayer, ander proper authority, hy omissions nud alterntions, espethe Ecelesinastien C'ourts, so as th procure a less expensive ank ${ }^{2}$ nore expeditimes mantamed in the romstitution of such courta. 3. The coform of abuaes crmmected with patronage, rue regard bcing
had to reated intereata 4 . Tho ruodification of the Acts of Talformity and the complete revian of the Book of Canous, thgether with the correction of such eruras of England ${ }^{1}$.
Mr. T Chambers eoconded the resolution. The resoIution having been sdopted, Lord Ebury Wis elected president of the new sooiety, snd Baron Pigott, Mr. gentlemen, were elected Vica-Presidents

The Widfang of the Potetry - At the Cout of Common Counctl on I'uesday a letter was read from Mr. Lee, on behalf of the Bishop of London, stating that, in order to terminste the regotiation which hac feel was the means of impeding a great public imprope
ment, he was willing to accept 4000 . for the ground
feguired to widen the pobplo way in front of St Mildred's Churoh, Poultry. It was understood that a much larger sum had been agked for the ground than man congratulated tho court on the fact that the chairsiastical suthoritios had al lagit pome down to their terms.
termes Dochyabd Emtgranta. - Intelligenoe has been received at the Admiralty of the gafe arrival of Quebeo, with emigrants on hoard, The Craco at grrived on the 7 th inst., and left again on the 12th inst. the Serapis arrí West, and there had been no omasualty West, and there had been no casualts. The Admiralty have given notice that the Crocodit wint on her return home, make a trip to New Brynswick, and that a taken in her.
 from Quenstown announces the total loss of the Blue
Tacket and the Omar Pasha, by fire. Both were homebound, and the first besides a number of passengers,
had $130,218 l_{\text {, of }}$ of gold on board the praduce of the Australian and Neow zealand "diggings." The orew sand passengers took to the boats, and aftor enduring
great hardships for seven days, one of them Was pioked yp; but two others, containing 32 persons, had not been heard of. The Omar Paska, also homebound, from Brisbane, with a valuable cargo, 30,0002 . in gold and 48 passengers, took fire, and mas gbondoned, all
lives being saved by the boote, Both ships aped their lives being saved by the boate, Both shipes apid their oargoes were fully insured.
a asavits on Thb Poulce, - At the regent Middlesox Seassions all the coses tried were cases of assault, and in each the viotim was a polioeman. The prisoners
were siz in number, and only two of them had been in oustody before. The oftence given by the police was that they were trying to stop, in two instances a fight, in a third z disturbance of the streets. The prisoners got the officers on the ground, and eithier kicked them
on their heads with heavy boots or jumped upon them on their heads with heavy boots or jumped upon them,
in one instance making the outrage strll more seriou, by attempting to draw a oart ovar the officers body They were all found guilty, and sentenced to various termas of imprisonment. On Mfonday a number of Mr. Pa aset at the unon the police were brought before accursed tonced to two months' hard labour. Some of thdelinquents earnestiy entrented to have the sentence commuted to a fine; but the magistrate declared that he never did, and never intended to punish assaults on with fines. They had dangerous and onerous duties to perform, and the interests of society required that they and be proteceted. robbery was committed
 merohants called Vreonius Was being driven along the five and six miles an hour then a youn or cen have seen him enter the vehicle two or three minutes previously, ran alongside the cab for a distance of 100 sardot at $M$. Vreonius's the cab, and made a violent of it and the watch to which it chain, carrying away part directed the cabdriver to ston wasattached. M. $V$ rreonius diriected the cabdriver to stop, and he alighted, but the 60le, gand the portion of the chain tateon with worth more. M. Vreonius, who gave immediate information at the station-house in Leman Street, said that he had only been in London a few hours, and had been in all the capitals in Europe but had never been robbed bofore, On Thursday a well-known thiof, callod Gallagher, was brought before the magistrate at the Thames Police Court, and was identified by a tradesman who saw the robbery committed. He pleaded suilty, but so many conviotions by juries and magistrates were proved against him that the magistrate said he could not dispose of the case summarily, and commoitted the prisoner for trial.
ATTEMPTRD MURDRR AND SUCIDE. - At the ClerkBoeoh, aged 47 , living in thay a house-painter, named oharged with attempting to murder his wife Road, was Wards to commit suicide. They had been out drinking together, and, as the woman said, he Has scrazad with serious wound on her throat with thich he inflioted a then went out, and gave the alarm, and whan the meighbours ran in to his wifo's aspistance he atterupted mitted for trial on the charge of attempt Ho was comThr Poblic Hralth. - The Registrar-General Weakly Report states that in the week that ended on Saturday, May 15,4555 births and 3010 deaths were he United toadon and in 13 othar large towns of Was 24 per 1000 perans ine annual rate of martality London, 11 in Edinburgh, 20 in Deablin 21 par 1000 in 21 in Birmingham, 30 in Liverpool, 24 in Man 23 Bristol, 91 in 8 sifford, 26 in, Sheffield, 30 in Bradord, Manohester, Glasow Hull, 28 in Nowcastle-upou-Tyae, sad 38 in the veepk endiog the Sth inst was 37 per 1000 during iooo during the seven days anding the Berlin 32 por 2012 children, were registered is and 988 girls in all corresponding weeks of 10 years in the week. In the number, corrected fro years, 1859-68, the avarase week were deaths registered in London during the whel were 1279. It was the 19th week of the year, and increase of population for that week, corrected for is theralore 130 belor the estimasted The present return

## Tlobimefal.

Boxton.-An inquest was held on Monday on the ody of Lady Firth, who wa found drowned in the ladsship, with Sir U. H. Firth, her hupband, and Mr and Mrs. Haigh and family, were staying at the Devonshire Arms Hotel, near Bolton Abbey. On Saturday morninge alter hreaklast, the deceased and Mrs. Haigh Fere going out lor a walk, but the latter, not having alone and never returned. Search was immediately made, but tit was not untill Sunday afternoon that the mufortunate lady was discovered drowned in a deop part of the river beneath a high bank, called "The
Dukeses Bathing Place," the late Duke of Devonshire Duke's Bathing Plaop, the late Duke of Devonshire had stopped at 42 minutes past 10, which was but a few minutes after she left the hotol. There were somene rough stops down to the water, gnd it is supposed that
she descended in searoh of fowers, and slipped into the stroam. The jury returned a verdiet of "Found
MnDFORD,-A monument to the memory of the late Mr. Richard Oastilep, the successul adrocate of the Spturday. Every factory disistrict of Yorkshire and Lanoashire was largely represented in the orowd 100,000 well-drassed persons wha filled the streets. procession, composed of 30,000 persons, marched from address was there presented to the Earl of Shaftesbury who, as having been in years past prominently identified with the labours of Mr. Oastler, had undertaken to perform the ceremony of unveiling the monument. It expressed the gratitude of the working people of Yorl:expressed Lhe gratituce or the working peaple of Yorkestod, akdunus, and successful labours he had undergone to secure the adoption of the Ten Hours Bill, the heneficial results of which they had enjoyed for nearly improvement of the physical apd intellectual condition of favetary workers. Thard Shaftesbury, in reply, expressed the gratification he felt in having been eruested to take part in the proceedings. The proceasion was then reformad and returned to the town, alrge propartion of those camposing it gathering in
the open space around the site of the statua in front of the open space around the site of the statue in front of
the Midland Railway station, On arriving at the site Lord Shaftesbary, who was publicly welcomed by the mayor, unveiled the statue, He addressed the orowd ongratulating then as Yorkshiremen on their mind-
fulness of old friends, and of one who left his reite
 nent to maintain the cause of the worn-out adult and
the cause of suffering children, and who brought to the work a force of talent, a vigour of mind, and an earnestness of heart that in any profession would have raised him to its highest rank. Addresses were then
delivered by Mr. W. E. Forster M. M., Mr. Ferrand, and Mr. Miall, M.P. aftor whioh the orowd dispersad, A 3o'olock a public meeting was held in St. Geoorye's
Hall, under the presidency of the Mavor, who was supported by Lard Shaftesbiry, Lord F. C Cavendish, M.P., Mr. Forster, M.P., Mr. Miali, M.P., Mr
Wheelhouse, M.P., Mr. A. memorial represents Mr. Oastlee in the set of making an appeal on behalf of the factory chiidren, two of whom, a boy and girl, are grouped at his side. The cost of the work was 15002 , contributed by the friends of the "short-time movement" in Yorkshire and Lancashire.
BUBY ST. EDMUND's.-The magistrates of Suffolk hre about to unite the poice forces, which haye East and W est Suffolk, and a chief constable is to be appointed for the whole county. There are 53 cand be dates for t the vaccant office, to which a salary of 550 a , per
annum is attrohed.
Grimsgy.-On Sunday morning two poschers were encountered by the gamekeeper and gardener of $M \mathbf{r}$ Henry Thorold, at Ravendale, near this town, One poacher fled, bat the other fred at the gardener, and the shot took fatal effect. The two men made good their escape, but were subsequently captured. The mury at the inquest returned an open verdict of "Wilful prisoners were brought before the magistrates on Tuesday, and remanded for a week.
Heriassi - On Wednesday, the 12th inst., the Countess of Derwentwater, after travelling express possession of a arind's cottage almost diree and took of a paitway leading to the baronial residence to which she lays olaim. On Priday the new hind put in an appearance to occupy the cottage vacated by his preio any but the lower rooms, as the countess was duly installod in the upper apartments; and it was deciled Thompson the intruder without further delay. Mr. peremptorily demanded dmittance. This demand was servants and aiter some parley a number of the farm a heary hammer. The men then carried the whole of the countess's furniture into the middle of the turapilike, returned for her deposited in a heap, after which they removal than was. No more opposition was made to the removal than was neoessary to ronder it forcible, and,
consequently, within a very few minutes her tent was for a seconudy time withans a verry fow minutes her tent was remained under the surveillance of two policemen until Hexham; and, after transacting business with her soicitior, returnod to the lodging taken for her at
Corbriage. The furniture was almo removed there in he evening.
Jrrsex.-An attempt to level a piece of ground off
st. Aubin's Road, about a int
resultedd in an interesting dise
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they are too britule to be
they are too brittle to be hat
fint weapon was also smong
LYNN. A ptor LYNN.-Aptor an impestiga
weeks Mrs, Langord was
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and infant. From and infant. From t Langfords hare resided in have al ways enjoyed a
appears to have been youth, and has been kind and ati have laboured und
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##  count

## Irclano.

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- Crckch.-The firand Orange Lodpe of - pabiathed au suldrees to 1 he Quven, adopted a born icknomledged in \& letlar sddremped Lis in to the Hon Culunel Cole - - thath sta doseludare the lroth

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at. If sime it of its religloun whiligatirals fo a han, is eale whated to cull down - lat the land
 ti, utares in Thpycrars Bo I liments that a few desten radres, A w th ut armmplices, should tardisb nit reanstis landlord to the too kong is the existance of an agrarram con t.a. (intholic clergy and they have no - su is thug. The bon-detectiou of ureture of any chanse in the Land laws Gryand Mr. Mright hato had ansthot - , ite partly to tho umbap to rithous Brffre beturen the tho classes, it wh. the expectation of a actulean lat casing, would duminsio theta tin ituger of the peaple of Eingland an 1 estranjed by these outraze.
an ( $x \rightarrow 0$ )wjatly whit the ex-Mayor of Cork on C3.k: an the procecdingts were disrurdant. Tesers u, te the satue as on the provious Sunday.
 adolted as Mr. O Sularan's sucU. .ing a resigniag On Friday the mis a cket a ued Mayor 1 great at \$as manifested. Mr. O'sulturan - 4. 5 rientied moto the room, and comLeais to aupourn to the caurt-bouse. The ric. . Mar h tated that the battif of the
 it ince ity unstitutional mesn.s, were receved a in it ortorm of disent, A tute of thanks reaptetively proposed for Mayor, Ifr Itewarty recenseil 27 rotes, and Mr. riant was received with great uproar. - tum hathel

L: Liran a trator, accusing himi of haring in, ha, tut the merb would not hear hom, and 4. $\mathrm{h} . \overline{\mathrm{L}} \mathrm{F}$ of the buldung.

 1...th is slicro.-I farmer named Rows, - toth a wis of the Fenian oath and pasa Pritert fenthtted for trial at the assizes. It Wh. . - I emat counts, has a strong hold among finaris: io trace it.

Facticus Fiumr.-Oa Puodey migh a footion fith
 wals de bu li, 票 The coustabulery londed their rates.
 hi..ei Three tima are fer vivilus. Tho uboulder of win ts much prooturnd nid his brent wounded by a han. : wounds
 - (su Theeduy muruitig the dinmelip Lend Gough trimejow and Dubiua. The Marpuis of $\Delta$ beroara wa cut to the whar's odge ead soons sunk. Ber curto including 300 head of cattle, whe lowh. The poumbero neir lughts buraing hut it Eas fixus.

## 

 afteruoun, 28 ibe London End Norli-W Wentern express

 - Acwoutho mad Eilvordale, which was baing shumbed mair into it and shistarod neveral ourrayou to frapmenta,

 apon-Trent.
 a Tuendiy tho iaquest on Mr Joha Eishan, mocountand at the city of Glaggow Bank, who died on the lothrash from injurien io reoelved in the accident har Tharsk evidanco ohowed that the socident wee otatod by tho rergetfulaess of the sipuniman, (what Worki hio pornts without a complaint for 11 zears ki aliay tho

 The jury returned at rendich of "Acoidental demil,
 oulpable chanoter. Thes reoommended that the North. Eviarn Corapany ahould bo ripired to mdoph the asstem recotmmended by Onptava lyler, of lockitg the
pointe and signal. points and signala.

## Bbituard

Tus Couxteas or Alasmanie diot on Bunday, mt the hotol

















 and married the only daughtis $\mathrm{M}_{2}$, F . 53. Oxfori Terrace Hyde Pitk withun a few wreks ni com dit East India cumpary's servize, and wa bors for 1748













## ftarfets.

cormitanamini-May 22












 Herla phor kothe ,d to id chelsens w- H2


 1 -Por land of 26 Trumas.




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## MSTRUNOLITAN CATTLE MARKET.

The capply of nleant ib not quite "o large an on Wonday trate is alum for forcith, at livwer proces. The numbior of Slecep in wanls the natwe a last wexek, int there in a defciepey



 land and Hume Conntion



 Thara are a few thlare lbatiry May in
Thare are a few wore lhwoth than in Th, arminy bat, the

 Mark Lave，－Moviay，May
Thero wat a small s．peply of Wheat from Faser and Kent this day os＇mnight．The attenchanoe was amall，noth there was but little dispositron to purchaso forotegn Wheat；the


## micuit or san

Proos par mprral oficter

## ＝ $\stackrel{N}{\text { Norportik }}$ <br> 

－Forecign，grindining and difitilling 24－28，Maltinng
sex and Sufrolk
Irish ．．．．
 REM Mfra，Forcign
 Pass，Forrign，：White

 DAF，May 21
Thio wonther during tha past week has been cbangeable， but，on tho wholo，wet has prredomined in the southern dis
trict，whilo in Seotlond litron betig at tlimes chilly，and somo vights frosty．Sluce the $14 t$ h
 avour of buyers，but genorally speaking former rates were Excepting Oats，which met increased attcntion at a pranall of any importance．Flour moved of slowely and no alteration his per sack cheaper in some casea．The arrivais off the coast from last weels，there remained for sale last night 24 cargoes The flosting trade exhibited symptoms of a slight improve Ment．Wheat ofif the coast commanded about late rates notso offering．In cargeos no pacisage whed for forsiard slitp． Frim．Pans，Mas 20－Recuint，and Cottonseed continuud somemhat nore animated during the last week，the unsettled
 The arrivals of at 6050 crit
There wrivals of all grain this week have been moderate． trade was without animation，and tho fewg males made of the Whent，either English or foreign，were at Monday＇s quotations eprigg Com or al deacriptions was unchanged in value．
 limited demand，at a decline of 2 d ．to $3 d$ ．per cental on white and 3d．to 4 d ．on red kinds for the Feek．Flour was in request，at tho pricea of Last market day．Oats firmo forat altogether ceased．quiat，the consumptive demand having

 dwarl Raperced，Spring，the same ean also be said of Resex John Shaw to Sows，16，Water I． Averages

|  | Fhent． | Barley． | Oata． |
| :---: | :---: | :---: | :---: |
| April 10. | 4780 d | 44．s 6d | 2685 d |
| 二 17. | 468 | 44 B | $27 \quad 7$ |
| May $24 .$. | 455 | 438 | 268 |
| Hay $1 .$. | 44.9 | 42 2 | 2611 |
| － 15. | 444 | 402 | 269 |
| 15. |  | 401 | 2811 |
| Average ．． | 455 | 426 | 2611 |

A YOUNG GENTLEMAN ean be TAKEN on am exten－ and oflive fartuin one of the best districts of Sootiand，Dralining


Iale of Man Conera Lunatic Acylum．


W ANTED ${ }^{\text {Head Gardener（Working）}}$ W from Iodoin a praetical HEAD GAREENER（manried




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 W ANTED， GARDENER ，where one only is kept，


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WANT PLACES．－Letters to be Post Paid
E XPERIENCED GARDENERS（or R GARDENER







To Gardeners and Balliff（Head，Foremen，or Under）
J AMES CARLEK AND CU having many，appication
 ADy Lady or Geantienan requifing GARDENRPS or BAILIPRS tions to reference to testimonitis ap tog the moat stringeat regul

IVM．CUTHUSHE and SONET GBrdenerg
－have at all times on thoir booke MeN to state that they



To Nobleman and Centlemez
GARDENER And FORESTER，or GARDENER and BAILTFF，\＆e
 A and oxpericnced MEN，who have forved in tho shove capacities characters will bear the etrictant inventighton．Abo seversl Young
Men AM UNDKR GARDENE14S．－Nortic of Figland Role Nurary， Darimgiton，May
$\mathrm{M}^{\mathrm{R}}$

## Midsummer Engagement：

 NG Reveral triferi and oxcclicnt Mch RA FARM BAILIFFS，
（I ARDENER（HRAD）－Age 3）；thoroughly under－

（ ARULANER（HRAD），－Age 30，married，no incum－
 （TARDENER（母RAD）．－A学 30 ；thonoughly and prac－ Garden，Good charactor from foneral ant pranement of a largo
P．Mo，Stone Cot Cottact，Surton Comployers． （TARUENER（HEAD）－Agr 32，married，no neum－
 （AKDENER（HEAD），－Age 30，zarried，no incum－


（TARDENER（HBAD），－Age 36，married；has a thorough
 Managemort of INad and serck，Groed rofrcincas．－A．IB

## 


$G^{\text {ARDENER }}$ To（Noblemen and Cortion any Noblemartiser（in the prime of tin  
（TARDENER（Hbad，WORTEG）
 ..... II
GARDENER（UNDRR），in a Gent
C $\operatorname{ARDENER}$（Jnownadge of the pro），where he

（TARDENEB（UNDER），in a GenterCARDENER，or GARDENBR and BATMpetont Man to any Gentlorath requiring abtrchlypotent poran．Liberal wiges expoctod，a to Dily
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The Best Remedy for Indise
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## The Garwemext Chromicle zlemgyaper. <br> EATCRDIV, M.1Y 29, 1869.

CIS $/$ PATTON'S PATENT HOTHOUSES for the


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 J. C. AND J. B. ELLIS, Honticultumal Buidian HOT-water apparatug of evert dearlotan, Hont ampe apparatus of eved diarp,than,




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ROYAL HORTICULTURAL GARDENS, SOUTH KENSINGTON.

ORMSON'S DESIGNS FOR WINTER GARDENS, (OXSERVATORIES, hothouses, greenhouses, vineries, peacil cases, \&c.

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[^57]For List of Details, seo "ILLUSTRATED BOOK of DESIGNS" (12th Edition), which can be obtained by addreasing a note to
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CRRM CANVAS, 5R inches wide, 1 rom itel. pur best and obeapest manterlat for Prostecting Frult Trees or ghadidg
 Et the lowest prices. soli-2oting sprikg roller. CEEL - Commarcial Street, Shorediteb, Eondom, SEED BAGS and StCKS, and BAGS of erery ARCHANETption in the, maplied at the lowest posible pricei. ARererny Trink or sbading: also Peterbburk and Prusian

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Thery will be foumd to he far preferble to liov and other Edgiugs, as they require no attention mese



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The STRAWBERRY CRINOLLEE is ind a table, made in halver, 50 as to be used mithere thi plant. It is 16 inches in diameter, and shem above the ground, gals anise d. Its use is to oter berrics from slugg, contact with the sicen moisture, and othry nuisances. Thes ure lu years at least with care.

Price per Gross, ${ }^{2} 4$.
The striw berry crinolines are deat who use them to be of the greatest use in setpuas clean :nnl assisting ots grow th-thus in the proce
 rinmonals sent to us by our patrons, ast fert. The contrivance is by the late Sir Joeph Prea after testing them for one season in bis ong gutan Hille," gave his approval of their us fulness. The right to Manı.facture them was transferred to NOTTING HILE GATE, W.
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## SHANKS'S PATENT LAWN MOWERS FOR 1869.

UNDER THE PATRONAGE ${ }_{0} \mathrm{OF}^{2}$
HIGR MOST GRACIOUS MAJESTY THE QUEEN,


AND MOST OF THE PRINCIPAL ROBILIT

GREAT BRITAM.

# SHANKS'S PATENT LAWN MOWERS 

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PATENT DOUBLF-EDGED SOLF PLATES, WIND GUARD 1 SELF-SHARPENING REVOLVING CUTTERS.

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MO DOWN NEW OF IMPROVING ULD ORASS LANDS. C U B B.




Tuid dhy is publishod, price One Shsiling, HATY ROAD HOLLERS for TURNPIKE ROADS;


THE GENFRAF T,AND DRQINAGE and


 Froxmore, and visited Prince and Princass Cliristian. The Princess drove out with the Crown Prince of Denmark. On Wennesday the Prince and Princese, atoompanied by the Crown rinco of Deamark, Went to Enisom races
 and the Crown Prince of benmark at it irborosin the Princess and the Crown l'rine of Dinmark drose to K゙ew, and visited the Dashens of 'ambridize.

Prisce a Pip. Pances Cersin. The heait of Princess Christian belng mach improved, her $R$ sya expected at Balmoral.
expected at Balmoral. Triac of Elecrioy Peritions. -The trial of the North Noriolk petition has resulted in the deleat of the petitioners. Mr. Justice Bembers Sir E. Iseon gave judean that hal bean duly elected, and and the Hos. No Wround for departing from the usula that there was no grourdior deparitioners must pay. nractice 89 to costas, which the petinoners must pas the con the relurn is Lurd Hyde, on the rround of against and corrupt practices.

Pardacientary Moybuente. The Conservstivos andudate for that borough, on the reaggation of Mr Harver Lomis Mr. Odrer and the other Liberal Larve Los stafford haver onsented tos preliminary candidates for surpose of deciding which two candidates of that party shal go to the poll THR COPPER COIRAGR-A issued by the Queen in Council, deciaring that no cepp shall be allowed to pess or be current in any 1860, shal payment watcomber next
the 3let of December nexe Buidides,-Messra, Laird
Hirtenhond heve published an account of thair of Birkeaheac, have thabama, whiuh they abstained connection woblio so lone as negotations were pending between the fro Goyernments. They atate that it Was notorious to the Ginermment, to the publice, and to the Minister of the United States, that the vessel was intended to be employed as a vessel If war, altiouzl the real purchasers wore not known. If wis pienaly

 mot asy that they ontertainedion of tue hiphest legal authorisses, that sueh i kirowledge ot their part motld not lay them open to the imputation of having direatly or indirestiy infriuged the law. Munitions of war were openly supplied by merchants in this country to both helligerents during the war, and ank that wews. madverisign for lisving buit a ressel for the Confederate
 to justify them in detaluing the vesmel, soeiog that sho appers, it was open to the American Consul at Liverpool, if he had thought proper, in have taken action in it has gince been asoertinined that if the Government
 'gainst them, and been intable
a the case of the Alexandra.

## 1 Foretgh.

Thurck-The Genersl Eteotion took plaos on Sunday throughout Franos. Forty-one Daputies have boen elected who have nevar before had sants in the Asombly. The number of Opporition candidetes elected, of re-eleoted, swounts at the prepen time to
 dillow having obtained a auflciont majority. The biguiflcant fact establisbed by the resulte in not the number but the quality of the Upposition. The Comstitutional and moderate Opposituansla have beea signally defeated in Paris, lyotrs, Mereeillen, and other larze towns by led lepublicank, Socialivia, and dadicala hostile to the Imperial dynasty. In Paris N. Gambetta, an adrocate at the Paris bar, who whe brought into notive by a very violent apeech ageinst the Eitjperor in detendiak one of the prisonern been returned by large majority. M Thiers han, defpated M, Devinck the Government candidete miough Liberal but will huve to undermo smond butot - B Buncel ons of the mot adranoed Repist lit cank has defeated tho moderate reformar at d ol
 the famous "five," has been returned by e deoisive maiority: M. Garniar-Pusés mut undergo a second ballot in ofortaight, and will probsbly be defented if the two onposins candidsten come to an understending: whenM. Raspail, the Red Republican, will be returped. The Nociadist Republicans, or anti-dyaestio party, have agread to untio ar the second butioking, and chowe the Favre is at the head of the poll, il' the other three candidates who opposed him ayree, is is expected, smongst themselves, M. Kochefurt, who las made himself notoriou for his abuse of the Emjur ir , $111 \mathrm{~m}^{2}$ Lanterne, will be returned. MM, St be an
of the old Opposition members, have been returned, while M. Gueroult, one of the favourite Opposition
friendly with Priuce Napoloon, has been thrown over by a majority of the voters, who, if mot Ropablicuat, sre at least hostle to the Bomparte famty. Sorme of the Onposition candadates have suffirnd rather unexpected


 formor hivinz beem replsced by M. Ruspail, and the Latferly Ml Bancel, Mone Maters, and M. Glais-Bizoin at St. Brieua I, ale and Poketors, and M. Giaise Bt Bordeanx, but wa I dulps in the drdennes. M. Arazo has been rejected 10
 results as far as thes nue lrawnire i, habe exi ramed an resultas, sis far as they ion on the IBourue. The seme official jouralls exprese the opinion that the pracipal featuras of the elections arg: - The subslitution of Radionl Opposition for Moderate Opposition, the chock Radign Opposition ghen to the Orieasiated artinotion of intermediato shades of opivion. The Prance sers:-

 anott itelf in the feot of the Rovolation, which, whand wadority of the French pcople.
The Emperor rebeived General Dix, the United States
 presented his credentials. Mr. Wastburne enid that at no former pertor have the people sud Grovernment al Amerios desired more than at present to cultivato and perpetuate the traditional friendship which exista betweer the two countries. He also gave expression to the friendly sentiments entartained towarda France by President Grant. The Emperot replied in terms oqually friendly, remarkid that good relations betwoen France and America had existod without interruption durine a contury, and he cordially hoped this smicable understandiag Would be montained. It is sanounced in most of the French papers that the prineipat shops in Paris will henceforth bo closed on Sundays. This importan social raform has been brought about by the society of tho Employes de Commeroo, who 1 torm the pubito that, with fow exceptions, all the linedarapers, vencors of ready-made spparet, sir meroers, Sunday and the consented to close their shopt on Sunday, and the employés "appeal to the good-will of the publice to aid them in making the mesaure general. The sronclad Beltiqueuse returaed to Brest on Wednesday from a voysge mund the world. This is the frse vessel of this deacription which has performed so long a voyage. The Belliqueuse has sustained no damage.
IPANN:-In the Constituent Cortes on the 20th insten.
after the adoption of the monarchical clauses, Senor
Castelar acknowledged the virtues of the Duke de Montpensier, but said that boing a Bourbon it was impossible for him to be King. In reply to this Admiral Topete Montpensier was the best candidate. Immediately before the close of the sitting a violent discussion arose in of the Colonies, that the Republicans had no share in bringing about the revolution. Sanor Arala subse quently tendered his resigation, which was at once determines that all laws enaoted by the Cortes should require the rosal sanction, was adopted, All the other Justire, brought in a ball permittiog civil marriagea and legalising those already contracted. In the sitting of Minitutry that Senor Ayala had resigned before the Couse concluded the discussion on the draft of the Constitution. Senor Aysla declared that he would
give his support to the Government. In the sititing of Sunday olauses up to 91 of the draft of the Constitu-
tion were adopted. In the sittins of Monday the article was adopted. In the sitting of Tuesday 100 th Castelar criticised adversely the colonial olauses and said, alludigg to by England in spain had followed the Canada, and granted the liberties which the colonies claim for themselves, it would have successfully pre-
vented the outhreak of an insurrection.s Marshal Serrano replied that General Dulce had granted the liberties required, but that party passions had blinced the inhabitants to the intentions of Government. The insurrection, as regards its physical strength, Fas almost suppressed, and 600 filibusters had lately been defeated; nevertheless, the moral disorder was inely to disappear more slowly. As soon as Government deputies, suppress slavery by a well-considered measure, angroceed with inexorable severity against all persons nesday the last clauves were agreed to, and the solemo promulgation of the Constitutional Charter was to take place yesterday. It is said that Queen Isabella of the Prince of Asturias. The Government has refused to admit that any indemnity is due to the crem of the Tornado, or to Mr. McPherson, on account of their detention or on account of their alleged ill-treatment by the Spanish authorities. It has alvo declined to open the case anew before a special tribunal, and maintains the former decision as definitive. Yolunteers have embarked at Cadiz for Havana, An
imposing demonstration in favour of the Duke Montpensier is expected at Seville. The bark Don, of south Shields, hsving caught fire, was scuttled close to the shore at Gibraltar.
Prince Augustus, brother to reported in Lisbon that Portugal, has been offered the crown of Spain, and that be will marry the eldest daughter of the Duke of The proposed financis Augustus was born in 1847. cause great anitation throughout the country Count apoplexy.
Switaerlasd.-The Federal Council has proposed to the Irench Government to hold a conference on the subject of the adhesion of the Papal States to the DENMAR
he 19 th inst. for Lubeck, on his wsy to London. His Royal Higlness will remain in England on a visit to the Prince and Prancess of Wales for a month or six marriage with the Crown Princess of Sweden. for his Prisessia, wa royal ordinance hos Sweden.
roking the Customs Pardiament for the 3d June. The Minister of Finance has informed the North German Parlament that last year's Prussian deficit amounted to $9,803,43$ it thalers, and that it will be mpossible to
ostablish an equilibrum between the revenue and expenditure in the Budget of $18699-50$, unless new taxes be imposed to the amount of $11,269,000$ thalers aid that the Government will convoke the Prussian Dith for the 15 North of June, if no arrangement be effeoted the new tares to cormer Parliament on the subject of that the Minister of Tinanee has tendered his resigna Hanover, Bremen, and Oldenburg
Landwria. - It is stated that the Bill relative to the gnd will be immediately promulgated. Archduke
Rainer will be appointed commader-in-chief of the Huvgary.-The Empress left Pesth on Sunday night with her children for Vienna. The Supreame furnishing hail shat that Prince Karageorgiewich, on able to prepare his defence
ITaly.-The Viceroy of Egypt arrived at Florence King of Italy left Turin in order to receive his When he left for Venice and Vienn until Thursday, Consul at Leghorn was assassinated in that citrian on Monday night while walkiag with the cinstrian face. It is believe I that the Consul was struck by mistaike, the real object of the assassins, who were two motives of personal vengence con Crennevicle from In the sittiong of the during the state of siege in 1849 In the sitting of the Changer of Deputies on Tuesday

Signor Massari said he considered the Chamber bound
to express indignation at the murderous ontrase at Leghorn. Signor Malechiori, the deputy for
Leghorn, fully concurred in this feeling, but pointe out that during the Austrian occupation in
1819 General Crennevilis had excited a deep and terrble hatred. The Minister of the InteCrenneville that his visit to Lerghorn might be dangervus to him, and on that account had endeavoured to insure lins safety. The assassins attacked him when just about to leave by sea. Foursitting of the Chamber of Deputies on Wednesday, General Menabrea aunnunced that Signor de Filippo. resiguation, and that the portfolio had been accepted by Senator Pıront, whom he introduced to the House. It is saul that Mazzini has left Lugano for London. Ite has addressed a latter to his "enemies," in whied he relterates his well-known idea in favour of Repub-
licanlsm, and denounces Italians under the present hystem of Government as the slaves, of ty rants, the foots of corrupt ollicialism, and labourers in chains. The the 30,000 f. granted by King Victor Emmanuel, have led to the discovery of a large room, which must have served for a kitchen. It contained a wooden clothes ${ }^{2}$ and a lamp, in bronze, several vessels in glass and terracotta; a small marble statue of a Faun, and two broken tables, one in marble and the other in slate.
Papas States,-On Wednedey, after mass, the Pope delivered a powerful discourse condemaing the Thursday menace the church and society. On a splendud procession through the streets. His Holiness carried the Sacrament, and gave the bevediction in St. Peter's, a large concourse of people being present
RCSSLA. - General Von Kaufmann, Governor-General of Turkistan, was entertained on Monday at a banquet in St. Petersburg. He made a speech, in which he Central Asia was at an end, and that a time of peace Central Asia was at an end, and that a the or peace Bokhara was not in contradiction with this view, as sary as or defence against the buttility of the Emir of that country
SREVLA.-The Porte has eanctioned the construction of the Eastern Railway vid Belgrade in accordance with the express desire of the Servian Government.
The Principalitries.-In the sitting of the Sonate on wednestay 3. . Telle brought in a motion demanding that in future Government officials should abstain from interference in the elections, and that any person gunished. He, moreover threatened to ens ahould vote of want of confidence if the Ministry did not take such cases in haud.
TUREEf.-Mr. Filliot, the British Ambassador at etter from the Gueen reception he gave to the Prince and Princess of Wales during their recent stay in Turkey. The Turkish Government is in negotiation with British firms for the building of three turret monil
the Ami- of Badukshan fom Peshawur state that the Ameer of Badukshan was collecting an army aubdue Turkistan without the assistance of the latter. Shere Ait reached Cabul on the 10th inst., nud had a interves with Yakoob Khan in the presence of all the Sirdars and the army. Rumours from Bokhara stato that tho Russians were moving agminst Kokhand and Railway has been opened as far as Gooty. One of the Somalis sent into the interior of Africa from Aden in March last, to incuire about the supposed survivors of f the Abos, has returned, after visiting a large number Europeans are now in the country.
Ac'stralia.-The following is a copy of a telegram Saturd by the .igent-General for South Australia on "Northern territory party arrived at Port Adelaide:well, February 5 . Good port, good land, good water survey proceeding actively; township lands ready may $15,8.50$ a. . ${ }^{\prime \prime}$, Climate healthy. Sent from Galle, UNITED STATES.-Admiral Koff and the Governmeak and deolining. The American revenue officers have been ordered by the Government striotly to enforce the neutrality laws, and to prevent the sailing of expeditions to aid the insurgents. Chief Justice Chase collect income-tax from forerates and that the sums already collected wo hold ios bonds, The Nese York Times states that the Internal levenue Department is preparing to carry out this decision and that it will involve the reimbursement of several thousand dollars. It is said that Mr. Peabody is about to return to America, in order to end his days in his astive place.

## \#arlíament.

THe House of Commons reassembled on Thuracay after the Whitsuntide recess, but the attendance of extremely marticularly on the order for poing into wa mittee on the Customs and Inland Revenue Duties venience and hordsup foreng the the inconfive quarters taxes in one year, and by making so many due at the thes in one year, and by making so

The effect of the new plan on the pel the Chancellor of the and fral
to pay the publin to pay the publio creditors, and CELLOR of the Excheqter, in me quarters' Income-tax were a a rem be equalised either by borrowing monts for the extinction of termin Wuarters when the tares termi money market and the liank, it methen "onker an" the other. Sfre Can
of the Bank, Mr. Barkett, Jir. Say
Fowren Mr. Lowe; while Mr. Mortsrand pendent of the determination to mand pendent of the Bank. After some fortibe amendments, the most important exemption of brood mares from
motion by Mr. C.S. Reas to under 16 from duty was defcated on ox Service Pensions Bill Mr Mume amendment that the further Bill be deferred untll an naquiry hat Privy Seal and Chancellor sinecure which would for the firt tima under the Bill. Mr. Gladsioye oppoied ment, which was eventually withdram to report progress. The motion \#ras nez amendments. Sir H. SELTYN-IBuRT Bill was considered in Committee, an of Mr. Alderman LCsk its operation me on behalf of the hon. nember for motion upon the employment of MacFIE moved that thme had arrived when the interesto merce, and the progress of the arts and country, would be promoted by the abolutor
for inventions. Sir RouNDEL supported the motion. The Hobse whla

## (1)itp 部telitgence.

## Money Mabket, Fridit.

 Consols closed at $93 \frac{1}{3}$ to 93 aAccount : New and Reduced to 924 ; Bank Stock, 41
to par; Indian Five per Cents, 1 5pa: Tobaoco Bonde 86 to 87 ; Turks Brazilian, S0 to 81 ; Peruvian. Brazinan, $\mathrm{B}_{2}$

Cents. $9-233$
$5-20$ Bon
95
to
$\%$
fitctropnlts ady fis Fin Tirthday of her Majesty, the erent was ceepniz the usual demonstrations in Lovdon
THE Sif BiEviLTY or LovDox Thir Siribibyity or

- Alderman Causton and
member of the firmof Mess
Smithfield, wili otter thems Smithtield, will other
forthcoming election


## Middlesex.

 of Cambridge in the chair. It Fas detern the camp should be formed anderstood that a bods of regulthe Volunteers on this occasion.
Royal Geog raphical Sociktr. -The moeting of this soclety was hed on Mox Founder's Metial had been awarde denakiold, of Stackholm, and the
Mrs. Somerville, who, in her to been occupied in soivig absired The anniversary dinner of the socie evening at Willis's Rooms, and
Prince of Wales, Prince Hussan of Minister, and Hurchison, the president , hat his Rosil only cama
traveller. tion of the highest importanc expe Baker himsel which the Viceroy of England had never have been able to carry th ments to a successiul and Personal influences at proved that spirit of a true geograp

## ment contemplatod

be spread thro
Nature would never

The lirince of Wales, who was loudly cheered, he mank in the following terms:-

## f('ritre of the Reskrbye Fleet.-On Friday

 tae fleet was tacked in order of succession, dest to tho wind in open order for the night, 1 l.alt and north-westerly. On Saturday , amn after 7 oclock, the fleet bore up to iove order, and stood away on a southso sent of the Lizard. On Sundny the fleet dthe Cornish coast between the I and's End Lizder all plasn sail and lows stearm. it abont Funath harbour lay open on the lee beatu tret, and at ${ }^{3}$ P.M. the red and white serice was performed on board all the ships of ben that could be spared from constant duty mod ng i few minutes before 5 PM, the fleetnd Rane Heart, close in with the shore, and shortly hrard ornned to view from Plymouth, rounding sonmurt leading in witin the fleat in splendid line ditance Luffing round Penlee Point, the ships slanly for a short time with their heads towards añand Cel the 11 war-ships astern of her in procession war-ships astern of her in along the outer face of the
nearing the Mow Stone, when succession hauled thelr wind divisions with their heads to the ight. As the"last shop of the fleet long the outer face of the breakwater, the $f$ Hak, flying at the main of the Agincourt, om the flaphip of the Port Admiral nt Devonand retarned the salute with the same number of y mas noned by the naval cadets from the traina day's exercise in who had been sent for to rening the fleet anchored in Torbsy in two in inger line consisting of Rear-Admiral Hornby's and the outer twed liters and the Scylla corand consisting of the fine of Rear-Admiral Key's and the Cadmus corvette. On Tuesday mornUleet mas inspected by Mr. Childers, Admiral tere dispersed, and Admiral Key, after whteh the spersed, and returned to their respective d returned to Londty disembarised on Explorition.-Miss Alexandre Tinnd, frican explorer, ho well known a few years reached Mourzouk in ssfoty, ated was echief of the Tarouks to escort her and her Soud to the starting post of the annual Soudan. Miss Tinne recently imported a velocipede of the latest Parisian manuUnemt, she presented it to the Pashe sands of the tripoli. B - Map of hich has long biven practical effect to a i apponting laymen as readers for the massion from the bishoperworked parishes, under notuination of the incumbent, to conduct
services for the poor in sehool and minmon rooms, and
in the open atr At a service held in tho bishop: private chapel at 1/mindon louse. cught readers hav been formaly admitted, fur fir the varish of Luke, lBetbnal (Green, one for
yt. John's, Fitzroy Square. Ifter pari of the usual mormun serviee the bishon delivered to each can hisat stanng that it was granted at the request of the incumbent, and would remain raild uatil revoked by the bishop or has suecessors, ot at the written request of

Ruckis Lovishur -The tesselated navement i Bucklersbury attracted sikn visitors on Thursday last, The Indiday and 1G,00w on Saturdas. been remored from Fife Hamse to the new Indas Ollice, is now re-opened for mubise inspection. A. M. C. at Sunderland last week, the Grand Master of the Order rend a letter from the Earl of Lichfield Stating that his lordship. Lord Romney, the Hon. E Stanhope, and other gentlemen interested in the subjec a denaly societies propose to make arrangementa a demoriat,
 with the management of many of the friendly sorelolos both certulied and uncertilied, established throughout the country, for the purpose of providnag insurances upon lives. and relief in stckness and old ago fo the grand mastar, with three other members selected by the court of direotors, shall sococapany the dematation to Mr. (aladstone.
the death of Sir Thomas WTBAD.-In consequence of manor of Hampstead, a scheme bas been proposed whioh, if carried into effect, will kive the inhabitants Huveratock Hitl, and st, Tohn advantages. It is proposed by the Kanupstead vestry to take on lease, at a mederate rental, with option of neighbourhood of Finchley Road It is cxpected the the new lord of the manor, Sir John Marson Wilson, will not be indisposed to meet the wishes of the inhasthat of Mampstead, and the Metropolitan Board Works should co-operate in promoting tho success of the scheme.

Thb Trades' Union Bifi-The various trade of teties have determinen to hot an atarerate meetinp Fixeter IIall on the 2 d d une. Mr samuel Morley, II
 of thus Bhlt has been warmly taken up ha tur farious ton, Leeds, lurton-on-Trent, Sheflield, Northampton meetings have hen to use every menns to support the Bill introduced into Parliament by Mr. T. Hughes and Mr Mundella In lirmingham, so desirous are the working men to give all the aid in their power to the measure, that societies in that town, which had been announced fo the 21 st June, has heen postponed until the $9.3 d$ August In Giassow and Greenock the same feeling prevtils aud has been effeotively expressed by the working men. In Dublin also the strongest approbation of the in the Yechaniss' deputations to wait upon the 20 or more members Parliament rasident in that city and nalghbourhood Parke them to support the Bill, A large number delegates from all parts of the country are expected to be present at the great meeting in Exeter Hall, which be present at the kreat meeting in cxeter Lall, which ference of A malkamated Trades.
Escape of tee Captitr Balloon. - About quartor past 4 on Tuesnay acruoon his monste balloon broke loose from its moorings and sailed away in the direction of harrow-old captive became entangled round its roller, and this causing too great in strain upon the rone produced the accident, which might have been attended wath the loss of many lives if there had been in the car at the time the usual number of passengers. To show the violesce with which the balloon broke away it may be mentioned that the rope when broken conled
stout spar of sood nearly 5 feet long, which it tore out of the circus and carried with it into the air. In hal an hour the great ballon was slmost invisible. $1 t$ passed near Tring and Aylesbury, and at length Vell on Bernwood rarm, where it was secured, though not without some injury Weekly Report states that in the week that ended on Saturday, May 22, 3953 births and 2500 deathe wer registered in woadon and in as othor lar ows the United Kingdom. The annual rate of mortality Fis 28 per 1000 persons lings, bernila per Dio 17 in 27 in 17 in Birmingham, 27 in Liverponl, 21 in Manchester 20 in Hul , 6 io in Glas in Hulf. 18 in Newcastle-upon-Tyne, and 35 in Glasgow. The rate in Vienns was 3 per ano during the woek ending the 15th inst, and the 13th inst. In Loudon the births of 950 boys and 961 kirls, in all 19 t1 children, were repistered in the week. In the corresponding weeks of 10 years, 1859-6s, the average number, corrected
$21 \pm 1$. The denths registered in London during the
werek were ism It was the goth woek of the year, and the averave number for that werk, cornected for increase of mapulation, was 135 . The present return
is therefore 70 belor the ostimated amount

## Brobintial.

Bibirminginam.- A public meeting, promoted by the in the Town Hall on Tuesdas. "With the view to petition the House of Lords arainst the disendowment of the Church in Ireland." The Farl of Harrowby presided, and the nrinerpal speakers were Mr Newde-
gate, MP, Mr. Charles, MP., Mr. S S Llord, Dr. Evans, and the leer. Drewin Girant. The meetiog, to whech admussion was by ticket, numbered about 9.00, and was comparatuvely orderly. Mr S. \& Lloyd moved fet of Trian an ath uponded a violation of the Act of Cninn, an attack upon the security of property, ment of the Vaited Kingdom 18 Prolestant, gad that ment of the (aited Kingdom 18 Prolestant, and that
the House of Lords will coasule the best intenest of the country by rejecting it Mr. Newdegate soconded the resolution, which ras carried by a larme majority. A petition for presentation to the House of Lords wis 13040
BEADFORD.-The Right Hon. W. E. Fornter mot hit constituents in thio town on the soth inst, and in the the relathas of linglanit and Auserica "helathant of Linulanil and America




With the preatest pensal le ateatin in at Mr mamur han

 mengt wrong Mr simumer, in has atreeph, apperana to rejoct this

 because the proclanation of neitmality thit wat issuod in the



 that Mr. Bumner is mintaken. Now, wath regard to the pro-
clamation, that appars to be the great calise of off ence againt

 news of the siuth having rebelled againat the Nipth, and the



 dilams hui only just orrised, and perhaps it would have. Enen better t, hafe let min get thoroughly at home in the
 ment between two great natams parfectig sure Juat con
 States of the South ware in rebelifon against the Union:
there were a vast number of Americans - Southern Amerin

 and solely by the Q ieen 19silung her arders that wo should
take no part in tho struggle 1 Is sid that there wis war by
land but no war by sea, an 1 we made tlat war hy prociaimiog land but no war by sea, an twe mude that war hy prociaiming hell, realiy that is not the case. It is true that tho Sonth
bad her ports lreked up, and that very few vesels got out, to remacnber that the fant first vensels that eame not with


forw ：atd the truat of the endownent fund in of the kepper of the Prisy Purte and th If the L＇ziveresty of Aberdeen for the time －he we juyment of inree or more bursario the of at ber Anajesty school at Girnmot，an bururies of 25 ．each to studente who shal －joged for a term of not more than four Fears wor to surear，on his quitting the univarsity， 951 an ．Lis ondfit or adraucempnt in life．The bursars ，of have been servants，retainers，tentats，or Wpon the estates of Baimoral，Abengeldie，o in the united parishes of Crathie and Braemar ryin the ostate of Balmoral．The deed contiains Turaion by her Majétiy at any time，or a ．ithers by the patron and trusteen for the ：in the circurnstances of the combtry，or the 4 tomor intended to be benedted．＂＂The dce －$\pi^{\text {ith }}$ special education for now brofenion a bich the burane shall mits of thoroughly sound general education of ymind whioh the parinh school and university （utri．s oun afford．＂

## 遈があ。

## Scter＇M Bxerat－（Sitting in Banco，before the

 ＂the remody of pasenger to and from the




 the prssenger is triwelling in
The plan，thf sald he had it rage wis lont in 3 rime．The with Fistems Curying wer
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th． t there st is a remedy againnt the Oreat wisa；lint，in the condeed，diappute their

 Triment．whinh lastel a a grest part At int pesthous，thi Hgh le bili a atring orins in
 hold a II an bonnd by termin prantel in
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 mod pasaengers，but it in I maturl cont nience to． Whantiod to the ebil of his j．irmeg．Mr Jastice －negifgence wah limited to their uwn linea．Mr
 natasius Vreano，from his person，Thin wis
for audacity，is almost without a piat licl Fonctose Equuare，gend on the mormung of Mo it it in
 IThe eab milos an hour，the prisuver turust has bund －Five informatwa for the time polle，ativight of．The prisoner tene thin robbory He was placerd anwongst meveral 4hand Guidty．Previous conviotloma were prove Be buela forelgn fontiomen sad captafins of shaps de hat beng on the look－antit for lim for soma wetes －hamered from hat ever licurd of，and the firisoner Whe The nentence upon hif his operation fur sontho

## Sporting．



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 whith wes li it is Protander，Pono Gomes and The Drumaner

 bead，The Drummer third．Bolladram whi merer in the rion and Aniahed at the toff of tho field．THme，Mo takin ly
 colt，Minton，end 8 othorn．Bentivich Plape－Mr．Roritald．
 boat Curlo，Mymotia，nidd © whern．Kelly it fin Mr I






 －Juanita beat Clipper．Amakon Ally，and 4 otloros．

## Obtuarn．

 in Sots liy last Stu wis the thitri deaghter of the cighth

 Th of 13tyhtror if the woculnd Meryuio of buivbary；end bor

 If P．of Muckrobs，Ferry，afod at Butbourno Hovme，noe Forcester，on Friday．Ho was tho axth som of tho lato Rev． James Hastinge，rector of Martley and Areley Rogin，Worces－
terabire．Ife was lemp in I：95，and，entering tho nerico in








 with seven clamps．



 ＂The Jife of Drumznand of Ifawthurnden，＂Fth lange





 Walpole， 9 voln， $1855^{\prime}-5$ ．Wfo was Eubsequently engaged on
new edition of Pope，in conjunction with the Hight Hon Joh







## fuavetts．

Trede generally has declined，eopecinlly with articles of hut





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POTATOA，－Botruwale，Mondas，May： 3



## LTHDMRANL POULTEX，＊




## METROPUTITAN C＇ATPIE MAFKET．

Tlio mumber of lleaht：of iffer in rather momaller than of
 lant week；trando

 1un ileank，frum lrelaz），in，front Nurf ik ant
Best Acotr，ZEere－

fond Sh，the 2d quality Bemen Hizufircla

flo Bb tn
${ }_{1}^{12 \times 4}$
 Titramiar，May 27
The supply of Figgitsh Beasts is again very ahort，and the number of gheep in not large，yet quite equal to the demend： trade if alow，and our quotothons are with dificuity realised． There are scarcely any buyers for Lambe．only some ohoicets quwer thur foreign mitppiy conuith of 530 Renta， 5390 Steep． 354 Calves，and 10 Pis．

## Bent Scats，Here <br> eren Bent Loncwools <br> Do．Shorn <br> fordy，ace  

 MARK LANE－Momnar，May 24Therg was a vory nhort apply of Whent from Finsex and cinnight conld not ho exceoded，nati momo saboples rem ineil


## THE GARDEVERS' CHRONICLE AND AGRICUITURAL GAZETTE

tions of this diay weok. There wai no chango in the value o
Raykers, Beans, or Peas, but Maizo and Cata wero rathe


## Whice per imperial Quarteit <br>  <br> BArlet, Find, Fordian

Barleq, grind. © diat, 29atog2s. Chav. 46-49, Malting OATs, Forex and Guffolk and diatilling |24-20 Malting - Ecotch and Lincolns

Irlab. .
Poland and Brew
RTE............
Poland and Brew $250-30$ Feed
RyE-MEnL, Foreign
Beass, Mazagan


38-40 Foreigz
Beavs, Mazagan . 38 to 40 s . Tick 42-43 Harrow. PEAB, Fhate, Essex, and Kent..Bollers $40-41$ Egyptinm MAIzM Maple 41 s to 45 s
PLour, best tmarks deli ivered....per siciok $39-43$

The trado duriog the prost week Las b
predominance of unsettited weather hard ben disappointing, tho frited arrivalis the oprations of miliers and dealorss continued to bo most
 Bcotch reporta speak of rome silight concereston in the value of Wheat Sprtig Corn of all sorto has been held firmly, but wo
 salal hast night 13 caryoos. The floating trit has, on the Week's prices were in somp fow instancen, slighthly excceded
 ougacments fur forwirid shipment, but the bigh rates asked

 The arrivals of nill grain this week bave been small.
 per qr. There wza more disposition to purchneo foreig is, similar improrcinent. spring Corth was unchanged in value. tucr more money.

|  | Whent. | Barley. | Oats. | Flour. |
| :---: | :---: | :---: | :---: | :---: |
| English <br> Irish .... <br> Forelgo.. | $1420 \mathrm{qrs} .$ | - 9r9 | $16 \overline{50} \text { qrs. }$ | - 8ks. |
|  | 9320 " | 1160 " | 个ro | $1380 .$ |
|  | 10.740 | 1160 | 9420 |  |

Livgrpool. Tueaday, Yay 25.-Wo had a fatr attendance at sumptise demand, at' an improvement of 2 d . per cantol on the rates of this day wetk. Flour was in fair request at an
advance of 1 s per sack on the Aguros of Tuesday list. Indian Oats and Oatineal quite and unchanged. peas in good demand. ut Friday's reduction. Beans steady.

## $45-48$


$23-28$
$21-20$

n. $35=$ | $: 38-39$ |
| :--- |
| $28-30$ | 3

 W ANTED MMMEDIATELY, COUPLE, without



WANT PLACES.-Letters to be Post Paid. E XPERIENCED GARDRNERS (or as GARDENER
 $\bar{M}^{\text {R. WM. Paiul begs to announce that he has made }}$
 quato earvices required and wages givon shonld be forwarded with
To Gardeners and Bailifis (Head, Foremen, or Under) f for the Cavo request that thoae wanTiNg situations Will send NAME, ADDRESS And COPIES of TESTIMONION
for ENTRY in their FREE REGISTER. ONIy those Who can aen Any Lady or Gemtheman requiltyg GARDENERS or BAILIFF


## 

 Whose charactors will bear the etricteat inquify. Any Gontlemat



## To Nobleman and Gentlemen.

GARDENER and FORESTER, or GARDENER and BAILIFF,
JOHN HARRISON has on his Books several oleve in and exparienced MEN, who have gerved in Lhe above cmpacitie characters whl bear the strictest investigation. Also goverul Young
Men as UNDER GARDENERS, -North of Englan Rone Nursery,
(YARDENER (HEAD), - Age 40, martied; is at liberty practical Gardener; 20 years experienca. Can have the beat of referencen ns to character and ability.- Apply,
particulars, to K , A. Pont Ofice, Wheatiay, Oxon
(TARDENER (HRAD).-Age 36, married; has a thorough T practical knowledge of Gardening fon nll its bratches, Early and Late Foroling of Vines, Peaches, Righ. Melons, tc., Fems, Stove nnd
 (TAKDENER (HEAD),-Age 30, married; thoroughly ment of Vineries, Stoves IConservatones, sc. Would prefer a place
Where Bedding
and paried out with spirit

(ARDENER (Heav), and Gentiemen - Hende U Ginhikt, Head Gardoner during the lant thres yoars to the Marquin of Downalire, is at liberty to engage with a 0 ond requitripg
 Paddington, W
(YARDENER (HEAD),-Age 40, married, no incum--sparlence in all bravongh of good practical Working Man, of great and Greenhouse Plants, Grapes, Meern, Cucumbers, and Perns of Stock, bc, and zo good Flower and Kitchon Gardener. An excel lent character from late omployer for sobriaty wnd induatry in his
CAKDENER (HRAD, WORKING), whe Cractical experienco in the Mond, no menambrane ; bins or thorovgh

CARUENKK (HEAD), where one or more are kept.
 GARDENEK (HEA brataher ETcelle thoroughly understands the profess.on in a it sorrey
(AMDENER (HRAD, or good E1NGLE-HANDRD). Stovo Age 2g, atugle; understands Fonging Vines, Melons, Cutcumbers, Tuo and Groonhoust Planta, ard Flowar and Kitchen Gardentng
CARDENER, or GARDENER and BAILIEF-MeGsrs



GAKDEMEH (UNDBR) - -Age zl ; used to Uutdoor
T and Indoor Work in a Gontleman's Ghrden. Four yours' good
(J A RDENAK (UNDwR), or in a Nursery.-A respoctable

## COREMAN, in a Noblomin? <br>  <br> Propagator (HapD <br>  <br>  <br> I MPROVER, - A Yoling Mar <br> TMPROVER <br> gs. per week tis Preminnaseld in P Mr. Jones, Walliggton Brldge, Cur 5 <br> ©TEWARD, or BATLIEF; age   DTOODREEVE and GAMEKREPIS  TRAVELLER AND SHOPMAKI.  <br> ALESMAN, or PROPAGATOR  <br> GHOPMAN.-Ten Years' © Ther, ${ }^{+}$ OACHMAN and GARIJENEP <br> COACHMAN, or COACHMAK Oxpersencod Man. First-clase ndinn- Solihull, Birminghan.

 (T A R D E N W W I R B GARDEN SYRINGES ..GARDEN ENGINES
GARDEN FAREOW GARDEN ROLLERS
GARDEN CHAIRS
GARDEN SEATS..



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 UpFarda of 700 IImatractong nPLATE and BRITANN] Dish Covers Hot-witer Dish Taves and Feuders.
Marble Chimney-pleces. Kitchen Rangog.
Camps, Gaselers.
Table Cutlery
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## TKE "WORC\&STERSH1RR"



THE IICES and FETES-Lac is amplaxion, disuelligg the clowis flay thent and irimbility, and
sad bernco.on antuces mader tor
$W^{\text {HRN }}$ the HARB thron



## INNEFORD'S FLUID The best remedy for Aclatio of the Hendache, Gout, and Indigeston;

 for delicate contitationis, Infantan

 Pana and purify the
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## 4div <br> HI：．．．r

Beating Apparastr


Heating by Hot Water．
HUL．


PORTABLE ENGINES，<br>

THRESHING MACHINES，SINGLE，DOUBLE and TREBLE BLAST，


CLAYTUN AXD SHUTTLEWORTH，STAMP END WORKS，LINCOLN， ant F8，LOMRARD STREET，LONDON，E．C．

Cotelogmes on appalicetion，firw by Mort．


## ROYAL

LETTERS PATENT． PATENTPLANTPROTE（TOOR

## THE GREATEST HORTICULTURAL NOVELTY OF THE DAY．

Tawn af 1 iome cen bo hed om application fo the Pretede


 cuating from 8d，to le． $6 d$ ．per runaing fool．

## DOUBLE－GROOVED AND DOUBLE GLASg－

 TOPPED PROTECTORS．Thene are andir with a doubie morre，tor taking one thinet of elant over the other．The effect of this will the that the leat from the surn will over the other．The effect of this will that the beal from the sun will
 UPRIGET PROTECTORS FOR STRAWBERRIES．




11，$\cdot:$ ，t1，
CIRCULAR PROTECTORS FOR STRAWBERRIES．
 Fos amound varimatys．
No．20．Upright Protectork，（Innss 1 Sinchen wide，hright in front， 8 inches，hright at beck， 11 itohes；fltted with No．21．Circuler Protectors，with Win Bope，＂ 18 lo＂cher io No．22．Cireular Protectom，with Wiro diameter．Glant is inchen wide
Largit nizes can be mal．Pricalts，seal Contrant．
 spectal contracts for fittine ive large getablishments

In consequance of the Earse Damand for thene Prefectorts it will be necensery To oIve ORDERS AT ONCZ，in order to onsury a mapply for the Antuman．Als ordiore will be expectiod这 matriet rotition．

Agouts ars immaliately required．Only ons will be appointed
in eaen City or 7hem.

Appitiation should at once be made to the Pelmente．
Sperimens can always be meas any day，at the Ollice of the I＇atentee，of withe Garfenk of thi Rasal Morticultural Rox Sety，on application to Mr．J．C．Finx．
SPECIAL ANNOUNCEMENT．－In order thet thex aluable Inventon may be wnu eroally adopted an
 S00 are taken at one thene thry trill be Sold at THRESPENCE EACH，so that thry may be wesed by the nere．These will he math of one uniforman anich and can be uscd wouth ordenary brackn，so that the J＇vieffors can bo made to chy height or eny womb．

For forther particulan，apply to the Patentoe，
 Sperimens woill be exhibited on the grounde of the Royal Hortiemlurred Soctety，at thear

Gruel Show ot Menchenter in Juty．

PATENT PHANT PROTECTORS



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I ATENT PLANTAPROTECTORE．


GLASGOW BRANCH-145, QUEEN STREET, ROYAL EXCHANGE SQUARE.
AGRICULTURAL FIRE-PROOF IRON ROOFING, BUILDINGS, AND SEEDDING OF EVERY DESCRIPTION.





Illustration of Farnyard covered with F. M. \& Co.'s Galvanied Iron Fire-
resiating Roofs. The covering in of Btack and Riok Yard, thongh so atrongly recommended by the highest practioal authoritios, has hitherto obena attended witit too
muoh uneertainty and expens, owing to the eostly and prrishble roofing usually




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 w＇RIN CANVAS，设 r．



 WKEL BAGS and BACKS，and HAGH of rviry


 The best Shading is＂Frig Domo＂Netting．




## Two yarua wida

An improved tonake， 2 yedn wile ．．${ }^{3 n}$ and per fard




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 to Loch Cullater．（）n हisalurday
 Muninter in aliendance on her Mejowly．（ha bumday the Quonn and Royal family attondod Divino pervise in the parishs churels of Crathie．The Repe．Dr．Caird




 arrived at the（atho romily in lo
 Athole at limherd Holine ist mifimfor iacol it is she ther dod th take farcwed of sac late lrabedurigg h1s last thmess
THE Fhtap ANJ Juts Fss us If alys bad e dinner party at Marlhoromith llonvern Fridas evening （）n Saturday thear lioyal lighnessm drove out with the Crown lrinco of Denmark Io the eveming tho trince jiresidelat thar antmal dimmer of the offiners of aserompanat ！hg the frown Ir mese of theomark，west




 Denmark，Mir．liren Dt et the In the saterroon the Bartaolomew out vith the Crown Prince of

 Wales＇s Theatre．On Tuesjas the Prince rode out The Rringen wont to the Musical Union Concert at 8t Jamese Fill In the fiternoon，by command of the Queen，the Prince held a Leree at St．James＇
Palace，on behalf of her Majesty．Thpir Royal Iigh－ Palace，on behalf of her Najesty．Prime of Demmaric， afterwards wht to the Jforas how at whmztom in
 Proare of




 The Prince afferwards preacen the meetng of the Royal Inricutiaral meses und the Crown Prince of Denmark dinged with the Duchess of Inverneed at Kensington

Palace. On Thursday morning the Prnce rode out
with the Cromn Prince of Denmark. The Prince and Princess, and the Crown Prince of Denmark, were Artillery Cumpury at the parade-ground Finnburr. Io Prince of Dommaris. The Pruse went to the House by the Crown Privee of Dermarh and Prince Louls annouziced that the Primer fat tiken for the Asco
 formerly the readence or sir dohn Catheart.
 ing for London, or the purpone of procecing to
 rem dher acconas sultiered of late, and which preWhil am Jcomer, who was waiting to Scotland. Sir to lro more, The lioyal party, therefore R Nighness Wh mathr, niere they arrived nt, the quartere, roturned to 11 oclock
 the present
abinet.-A Cabinet Cuuncil was held on Saturcay in Downing Street.
ihr Pegrage.-Mr. Alexander Hugh Bruce, of Kennet, Clackmannanshire, has been declared by the House of Lords to have established his claim to the nacient Scotth barony of Balfour of Burleiph, created afice the re belhon of 1715
Parliamentary Movrments,-The degth of Sir M1r. Bernal Osborne, Mr. P. W. Clayden, and Mr. Charles Suely, who were ninsuccessful it the last elec. Evans, ard Mr Gi, Wra Midaer Gibson, Mr T. W. condidates in tlit field for Stafford. Thesere are six Whinorth, Odger, ardd Jenkins (Liberals); the Lons Captanu Thatbot, and Mr. Thomas Salt, jun. (ConservaLiberals who are to gey to the poli was to take placo yesterday.

## Fonetgh.

-Several electoral meelings were held in
I'ri~on Saturday but they were conducted in the most U. crily manuer. The public interest is now fized on the Sesum balloting which whll take place on the Thinst., on the zed. The Journal Oflicial deolares that the ment betivecen France and Italy for the ovacuation of P otifical terr tort by the Frenel. Iromps istutally falsis

 with the Governmest of Mexico.
Tucsilay - The Constitution was definitely voted on Senor Fiqueras explained that though the Republicans Mould yote aqainst it, as they could not accept the and iohtw it. In the sutung of Wednesday respect the deputies excent thow belonging to the Carlist party, retaned the pea w.th which he sizned has deputy commemozatinu of the event. Tue promulgation of Aladrad and the provinces to-morrow simultaneously in the propositiou to coufer the Regeacy on Marshal gnnounced of General O by the Cortes. The death is resiguation of Senor Ortiz, Minister of Jusplece, has not been accented. Genteral Caballero de Rodis has been Postlfisl.-The Gueen of Cuba.
or Italy con the sth must. The loan intends leaving Bleasts. Frunhe sha 1 nst. The loan contracted with pass. The the Chamber of Denuties, but it is expected to paffected roductions in expenditure amounting to about financral equilibrium will be established. navebartic-The Countess of Flanders on Thursday of harities on If edresday, the Bill relating to the
 of Pume wh opted. The three officials of the Department Franeo- Belgran Cimpmissiou left on Tueslay for Paris. The project of taking the Empress Clarlotto to the thermal waters of Bagnère-de-Luchon has been abandoned for the presunt, owing to the low mental state of Priasesty.
Prussia. - The King has been compelled to postpone
 rieatein at tar the mouth of the Jahase, the complimen-
 Parliament on Saturduy, the Bull containing seneral concladed hitecary pr
rejected the second reading of the Government Bill
rasing the duty on spirits. the bill for the taxation of the cloing reports of the Bourso wis rejected by 124 to 7,3 . The Ceports of the hament was opened on Thursday by the King in person. In his opening spcech his Matesty sarl that will sharctly be settled, when the legmstation of of whe Clatoms I nion will be introduced into certain portoons of the Hamburgh and Prussian territory The drausht and also a Bill relative to the duty on sugar, rngulating that on foroign sugar, and equitably proportwome it is the duty on home-grom sugar. Another revision of the Customs taniff will also be made. The comimercial and customs treaty coneluded with Swither-
land will bo laid before tho liouse, as well as the land will bo laid before tho llouse, as well as the
commercial treaty with Japan. An ophthalmia of a contagious character prevails at Berlin, which medical men believe to be of the same pature as the Egyptian disease. Measures of precaution liave been taken in consequence
Ars'tria.-The Viceroy of Egypt reached Vienna on Gaturday evening, and was received witil great state it is stated the principal object of his Highness's understanding that the Suez Canal shall bo declared neutral passace to all nations; that the proposal has the support of Austria, Prussia, and England, but is Opposed by France. The Emperor has presented to the and to Nuhar Pasha, Esyptian Minister for Fophen Atuire, the Grand Cross of the Order The Oflcial Gazette of Wednesder of Francis Juseph regulatiug the army contingent for the present year.
Hungary. - In the sitting of the Lower House of the Diet on Tuesday, the Government introduced for the coining of gold pieces of 10 and 20 francs. In speeah from of Tharsday the aidress in reply to the wheech from the throne, as proposed by the committee, Was adopted by 255 to 148 , after a debate of 11 days.
ITaly.-The Committee of the Chamber of Deputies cial conventions red by a largo majority the three finanand appointed a Select Comittec of caven members oppose these conventions. In the sitting of the Clamber on Wednesday, Signer lerrari moved for a parlamentary inquiry respeeting the circumstances connected with the concession of the Government tobacco monopoly to a pruvate companv. The motion owes its origin to the late antwon for libel brought by Deputy Civimnt at SIilan against a MIlatese paper The Chamber, by a majority of 127 to 91 , adopted a mropusal of Signor Butghe, requr.ng that before the evidence at the trial aynanst a member of the 1 Iouse should be proved. The peryetrators of the murder of the Austrian Consul at Leghorn have been discovered. General Crenneville, and it was to zake the life of arrested had nit suflirch an innouninus the persons meneral's order when he was commander of Leghorn,
Egi pr.-Tho statement of a Paris paper that a coolness has sprung up between the Porte and the Fuyptuan Government is oflicially denied. The relatious between the two Cabinets, on the contrary, were never belter.

NDIA.- Ramtuhul Sing, of the late 17 th Bengal N 1., a rebel of 1857, was hanged at Azimgurh on the adjutant of the regiment in Lieutenant Hutchnson, adjutant of the regiment, in that year. Cholern has several fatal cases have occurred. Another effort is to be made by the Government of India to rescue the Roman Catholio missionaries who are in captivity n Thibet.
CHiNA.-Accounts received at Hong Kong of the Charce d'Afrires Charge d Alfaires, Count de Rochechouart, having Kung. The Prince struck tho Cor ar the face, and an rpology baving been demarded and refused, the French tricotour was hauled down. The other foreign ministers had taken un the matter, and had given the Chinese Government thre days to apolngise., Another account says that the Charge d'Affures' pony ran into a chair containug the brother of Prince Kung, and that the Prince's outrider struck the blow; but whether he aimed at Count de Rochechouart, or at a member of his suite, is said to be uncertain.
Japant.-An extraordinary politioal change is anhave tendered to of the most influential Daimios rank, estates, and sea and their resignation or their of strengthening, or rather re-creating a centripose supreme government. A great council of Daimios and soon assemble in Yerldo for the purpose of settling the new Constitution of the comentry A powerful naval force is being moved by the Mikado's Gorernment asserted that the latter arcupy supported by French offeers. The Mikado is expected to reside at Jeddo. Atstralifa - The death of "King Billy," the last man of the Tasmanian aborigines, a race which only announced. There is still an aged woman left of the aborigunal population. An anded woman left of the having been abstracted by the "King isilly" the head the London College of Surgeons, and the rest of the the skeleton in the Museam of the Royal Society of Thesmanio
Urited Srates. - It is reported that President
 Enmmented upon in Xer Tiverporthy
England has welcomed
of bis
 able to the destre of the Buat hish nom Truune endorses the tone of alr. you States will not be misiuten deana fereat views of the two courthe question. It believes that tecgotiations. A morement has opentor the Untabinhment of a Const is jublished in New York for pa rialism, and a meeting is to be hel olections, in ws a party in the ap ticket in the field. Tlye Indran mat troere has been a collsioon betreen which the loss ndians in leras, Indians of the thest later amounted massaeres among the settlers
It is asserted that Dis dece left for Spana It is asserted that his departure mas miv spondent of thanifestation. The Thes cargoes of war mew York Herald etem and that a fourth will probabls been an this and is already percepthble. The nemy thons is conflicting and indefinits that the Cuban policy of President Gnor
tion is strictly pacifio and neutral.
Pebu.-Advices from Lima state tim
ment of Peru lias recogime tho belligerants.

## 3arlíautent.

Tre House of Lords reassembled on yay moved the second reading of the Neerspour the object of which was to repeal an certain other Acts, practically obside Lord CiIRNs agreol in the propriety of Acts if obvolote, but criticised tic Secretary in putting in eperation in Mism intended lectures at Tynenouth, only the matroduction of the present 13.11 vornment proposed to repeal that
Lorv CHaNCELOR said that the Hom perfectly justified in
kuarding aramst the b
ened to follow from Mr. Murphy's le he had acted not merely answer to the Duke LiNsiowns said that a Bill p
Holiso secured to tho Noseum a paper direct from the pranters. The
read a second time. On I'sesday the cend a second time. On l'uesday
Bill was read a first time, and the fixed for the Ith of June. The Ea asked if the recent appointment of an
for Ireland was intended to be perab military officer was to bo it. He censured tha conduct flice wha athen mine while they intinatce a wanuricul puointme If otherwise qualfied, wouldnot b On the part of the Government he diva observed that Sir Edward Wetherall bad os especial!y to guard against the suspiar appointment made at stich a junc intended to brink in a bill to of municipal funct1onalt powers when fund ruity of misondus cobsideration, though it was not sosim cossideration, for it involyed some dilicult appeared, for points connected with the electoral muniripalities and the constituthona Government On Thursday, before Carinss said that he intended ment to the preamble by that on of classes, and pronidang one year, gil creaticn should take ghould hold a particular orl
him eligible. The Earl
whember the nuendneat,
number of life peerag Whether the anendnent,
number of life peerag
them. Lord PENzince
of Lords should not ont of Lords should not
prity, hut the active
triciloticial arpacity, and of the great public deps
some remarks by the D.
Granvilie, the House Earl STANEOPE moved
grant io one year of
Cabinet Ministers or Cabinet Ministers or porsous
tinguished naval or nititary
discussion, in whineh the Mar
Mar others took part, Earl Rt
clause by providing that created annually instead number of such peers

with the united states. The Earl of
as rily, shat that the Ethw Govern-
as far is possible in the way of conces-
Thooe as far as possible in the way of conces
Tho demesnour of Mr. Reverdy Johnson in onutry hed evoked the most unmistakable maniwowover much we desired peace, and howe
we nlued our good rolations mith the - inere was one thing which we more highly
fat 1114.


5
 the abolition of patente. a arts and me mufoetures and ex fins oblie that arts and menufectures is this ra mad atfaned such a point that props of this curreation of the Patent Lawa, Lord STasler, as hapiry had oonverted him to the opinion that the iry had converted him to the opinion that the wherent in a ss stea of patente, apmat If thung to the sdministration of the Jia If wand, speaking as an inventor, a jostentee usubtarturer, mantaned that the Soghnd ifor it was only by the perfection of our manu Geluriar procasses that we could keep ahead of ou fing min's question, and said that if the Patent Laws -ntors, would carry their inventions to France and Luibarded the Petent Laws as beneficial to the morking cilasses, and Mr. SAMUDA held that before was taken Parliament ought to have further
The Artorner Greneral gaid that the the working of the present system could be modied, and an attempt should aertanly bo made to courred in the recommendation of the Royal that patent cases should be
judge, with one or two sulentifo
jurs, instead of by a jury, and hat the subject ahould be jury, and ment had not announcod their
M Mr. SAMUDA in favour of amendmen an abnition, Mr. Macrig expressed himgelf T rival slams of the harbours of Falmouthotion, Plyreatryn mails was nert brought no jer notice by Fowlikh, and after a short debate, in which the sars for thow ports took part, the Marguis of milymouth had been selected after a full and impartial apury, be could not hold out any hope that the rangement would be disturbed. In answer 11, Mr. Britime sad that the Government after the present year; and 10 answer
is-InBorson, sad that with a view bat isamed a circular recommending all rat of Tre Orpabice to adopt the "bloek system." The Irish Conth l3:11 was recommitted, for the purpose of onder of the Comuse imposing a stamp duty on any Itean operating assoners of Church emporalities in perperty. Mr, Goschisn moved the second reading of Lae Metropositan Poor Aoks (1867) Amendment Bill can lication of paupers in workhouses, the the batcamatus of unions, the erection of lunatio asylums ouratue establishment of distriot schools. The (in. motion lor the third reading of the Irish (iur a Hill, Mr. HuLT moved, sis an amendment annt.s. Lord ELCHo seconded the amendment Yf sIarectupospd by Mr. CarDweita, Mr. AlLEN Heve, mad Mr. Milise ; and supported by Sir F
 gitiat the result of the Irish policy of the Eoglish th onc.mprovement fory years past had been a con Feni e people down to the commencement of the inn rad bean nerm, and if the esame policy of conciliacthza, 10 another 20 years Iraland would have been Ho in the arme condition as England and Scotland antrecended that the present Bill, aided by the
 yarml anganisation and discipline of the Thoman Sul remang, and that at the re-cstablishment of Papal hestruggle betweon Popery and Protestantism the the Ministry would lead to a dissoconqueat of Ireland, a seoond siege

Derry, and a seoond treaty of Limeriok. The voto ould be reoorded, and he waraed the majority thet that they had contributed to the disuster of thei maintemance of the State, Church was shen standing

 and ripour; and rotintained that the prorision math for the Church was ample and Renerous, regard lant
had to the nucoerical strength of ita had to the numerical strength of its wommints ant the work it had to do. He diabelieved the predsetions
that the luill wuid pornamently eripple Protesimatimil in Ireland, atad expressed an earnest hope that tho ond eroerze with a hother aense of her unssion, an reed from the ur, U-t jurwileressula thabitter memors thon divided, when the anden herstage
then divided, when the amendment was
Bill was then rasd a third time sad pateod
day, on the motion of Me. Graparozz, it On Tuesthat as the Queen's birthday was to be observed on Thureday, Sir House VE the rising should adjoura to recent negotimtion betweon the Canedun GoversiCant and the Iudson's Bay Compans, and urged tho the oommuncation to the $R$ Recky domontams. Mr. 12 . Fowler and Mr. Kins ango boped that the inte rests of the mative lidian would be comvidered in thes Antore Che Canalian Govermment. Mr. Siachald that the scheme dud not contain an Imperial puaranCompany were unablo to colomise the tract beons lay Company were unsblo to colonse this tract, because o vovernment, and, latterly, berause of the uncertainty of the Confaderation scheme. He rordially eumamedy kill and tomener diaplayed by Lord Granylle in the negotiations. Lord Bray expreseed grant atie in the the termination of a long and tediona diapute, and arvisel the ('zmadians not to raise the qupstion of the Ludson a duay Company's richt to this territory. Mr $310 n s E L L, ~ i n ~ r e p l y, ~ s a i d ~ t h a t ~ a t ~ w a s ~ t h e ~ j o l i o y ~ o f ~ t h e ~$ Government to call on the colonies to bear the cost comprised an Imperial guarentoe which motiations bomprisod an Imperial Ruarmbee, which would be arought before the Houso in due thme, ant, as some

held it to be extronach
athl ther be atiedter arose 1te "ombinent
coltieal purbirses, the dinatimus oupht to he:
After somo remarks by Me. Ellich, Mr. HadFikid, could give no other pledgo on tho matter of guaranteos beyond this, -that they should only be employed to put an end to thestate of relations bebween the colonies and the mother country pihich made them necosary Mr. Sbely called attention to the report of the Select Cummitifa on the American Mald Contracta, and after condcimming the late Governmeut for mancluliny tine Cunard contract, moved a resolution to the etlect that masl contracts should in futuro lis upon the tabie for 30 sitting days. Jne motion was seconded by Mr. Bazlizr, and supported by Mr, Graves. The Marquis of HARTI NGTON opposedit, and sa.d that we were bound by the convention with the Liled States to consider a reduction of rates at the end of the yesr, and he hoper hat in a few years, even with the present contracta-i he rellumed to $8 \%$. Mr. Moore called atiention to the oaso of Mr . O'Sullivan, of kilimallack, who had bern detained as s Fenian ín Limerick Gaol for 18 month under a Lord-Lieutenant's warrant ; and he moved for a Select Committce to inquire into the treatmen of pisopers arrested under the suspension of the Habeas Corpus Art. Mr. C. Fortesccer admitted that Mr. O'Sullivan had boon treated with unnecessary severity; but tho parties responsible were, not the Goverament, but the local nuthorities. After some discugsion, the motion was negatived by 81 to 20 , Mr. VANCR moved for a return of the number of petitions presented for and against the Irish Church Bill. On at division, the motion was negatived by 60 to 82 . On II igh Sherstfs for the county of lork, and the Buring Repulation Bill of Mr. Hadfield were withdrawn 'lhe House want into Committee on the Bankruptey Bnil When 28 out of the 132 clauses were agreed to. The Oxford University Statutes Bill whs read a third time and passed. Yesterday, in answer to aly. Goraw the conduot and fitness for service of the Reserve, and that by the end of next year tho whoie of the CoastBusrd Fleet mould

## Sutn ontcllacter

The Evglad Jinct-winck Bank - The thred

 bs Mr. Metealf on behalf of Mr. Bradshaw, and by Mr. Littler for Mr. Finney; althor which the hasring Whs curther adjourned to Tuesiday, when the aldrasee

Mayor thoo seid that the angumentu put forward for the defonoo were extremely nombty, and required conthe curo until Mondey nert

# Monly Makhet, Fgidit. - Britibe Funds: 






## filctropolis and ths Frinfty.

Vedaesiay being the day apminted by her Masety or the oolebration of her birthday, the oflicial holidey ook place at all the pubije ontioes: tho wans of the hoisted on the publio ling limal mand anmag of the churobes, the beile of What tatis out mivers jeals fluriak the du In the anorn ne tion nolial paride took ithards, in the presmate of the Drumee and P'ritesess of

 And were brithatily thumsntel, ned the thetal oflema!
 he kreat ofticers of slate
 - Mubiar beine tha day apporntel for the annual pesk of this hospital by the movernors, the Pruace and Prineess of Wales, acompamed by tho Crown l'rinoe part in the ceremony. lis liogal Highnass in las apanty of preadent. The sovernore mustered in uth cual nambers on the omenson The Rogal party wero eceived at the entrance by the trensurer and a deputa-
 past governors and benefechars. and lie ontan Which has recently been restorel and re-em'rellisitel The lrine h.tima taken the mat ithbignel $u$ him as eterll to here real and retsirmel il lior from

 Rnder bis charge. The thanks of the governor- or h $r$
to
of the hospits the Royal vistiors were oondugted oper the whole ent-blithroent whers they gnont come bime isiting the rerious wards and seaing the whole of the pationts $\mathrm{T}_{0}$ eryeral of thom the Princess said a kina ord or addressed a sympathising inquiry. The physicians and thetr anastants wern in sttendance. Suring their tour of the wards the Prime recognised ented hum to the l'rincess. Whale the inguection was promeeding the whole of the medreal students at the hosutal were assembled in the quadrangle. The Rossl fsitors took their departure shortly after 2 oclock.
TEN PBINCE OF W\&LEN ASD THIE FRERM4 At the quarterly communication of the $\mathcal{L}^{+}$nited Hueen Sirect on Whasons, held in ther hat Earl o Zotland Grand Master ststed that he was muthorised in annouuce that during his recent visit to the Continent the Irrace of tr zles had been instasted into reemsonry in Sweden, and that his lRoyal Highnes had intimated bis intention of imnlediately joining
 ntended, 111 accordance with precedent, to propose at the next lodze that the rank of l'ast Grand Master be conferred u!con his Royal Highness, with a seat on the diss. The Prance bad intended to have bonoured the Grand Lodge with his presence that evening, but Wing to the meeting rallink on the day, he wats, by the ressurg of other encegements, unable to do mo. Hi Royal Huchnew would, however, take an carty oppor unty of vasitine the Grand Lots, and being formally meroheed ty the brethren

The I'eebs asid the Imisit Cecher Bill.-On Saturday afternoon about 500 delegates, reprasention the Protestant bodies of Ireland, had a conferenoe with number of Pearis et Cheterfteld House, the residence of the Dake of Aborcorn, on the gubject of the Irish Charoh Bill. The Peers present besides the Duire of Abercorn, were the Marquis of ©alsbury, the Primate of Ireland, the Archbishop of Dublin, the Bishop of Derry, the Earl of Malmesbury, the Darl of Longford, the Earl of Huntingdon, the Barl of Bancon, bae Lard of Brae, Lord liederdale, the Barl of Earrowby, Lord sans, Laril I) shy, Lord Wharnchtte, and Lord O'Netl.
 befenie A smoriathon tor I reland was representfd by Fiscount Barnnril, Lord (futlamore, Mr, John I. Burgess, kc. The Ulister Protestant Jefence Associstion was epresented by Sir William Johnson and others, while the National Protestant Union way represented by the
IIon. Wm. Massey, Mr. Holt, MI P, Guneral Lawrence,

## THE GIRDFNERS' CTRONICLE AND AGRTCTITTRAT GAZETTE

Mr. Bichard Nugent, Mr. M. Howard, the Re
Samuel Short, Mr. W. Long, and General Bentle The deputations were introduced by Lord James Butler, and an address from the Irish Church Conference was read, solemnly adjuring their lordships to reject intervene as a revolutionary measure, and thereby their opinion, violated the essential principles of the Constitution to which she owed her Throne, and inve Dean of Limerick, the Hon. David Plunkett, QC, the Rev. Dr. Bailey, of Monaghan, Mr. Spaight, of
Limerick, Mr. Robert Hamilton, of Belfast, Mr A. Mackroy, Sir Edward Groran, and Mr . Gamble, Q (fil' next addressed the mecting in opposition to the Bill. lordships not to sanction the principles of the Bill for various reasong. After some remaks from Captain Petre and Mr. C. Nugent, the Duke of Abercorn said:

 thre niowe and the importance of the occision, aithough we express any detinite opinion on the qubject. I can promise,
bowerer, that wo bhall take care that your views ghall be fully represented to the meeting of Peers which will be held noxt
week to consider the questivn prior to ita discussion in the House of Lorde.
The deputation thanked the duke for his courteous reception of them. On the same day a deputation from the same bodies had an interview with Earl Grey, Who said that though he could not be expected to
assent to all the views which the deputation had expressel, he would give his best consideration to the statements they had submitted to him.
The Royal Nayal Resebye Cbuisk. -The Lords of the Admiralty have issued the following pote in reference to the conduct of the Naval Reserve during the recent oruise.
"The First Lord of the Admiralty and the First Sea Lord,
 express to the officers and men \& $f$ thie Roy al Nival Reserve,
who embarbed for the Whatsuntide cruise, the satisfoction With which they have witnessed both the readinew of the hees and good conduct of the men during the crulse willing- They
luave also noticed, with marked approval, the order and
 good condnet, th ,rombly realse the oxpeetativns furmew of a

 opportuoitieas may be agrain afforded for the exhibition of this

The Pare Lane Imprus event Bill - The Select Committee of the House of Commons having refused to insert spectal clauses in thrs bull to rewunerate making the thoroughfare through He required for the Marquis of Hamilton, on Tuesday, on the motion for the consideration of the Bill, as amended, moved that it be recommitted for the insertion of a clause declaring the lessees and occupiers of houses in
Hamilton Place to be wathin the provisions of the Lands Clauses Consolidation Act, 18t5. After some discussion the motion was nepatived without a division and the Bill was ordared to be read a third time.
Mr. Rigby Wason, formeriy M.P. for Ipswich, of Corwar House, Ayr, and 11, Pall Mall, applied to the magistrate of Mariborough Street Police-court on Wednesday either to grant a summons againgt Earl for conspiracy, or to bind him over Tyrwhitt, under the statute 22 d and 23 d Vic., cap 17, refused a summous, but, at MIr. Wason's, request, bound him over to prosecute the charge at the Old
The Public Health. - The Registrar-General's Weekly Report states that in the week that ended on Saturday, May 29,1419 birtha and $29 \underline{2} 2$ deaths were the United Kingdom, The annual rate of mortahty was 23 per 1000 parsons living, being 21 per 1000 in
17 indon, 39 in Bulinburgh, 24 in Dublin, 44 in Bristol, 19 in Salford, 23 in Sheflield, 80 in Bradford, 20 in Leeds, the gow. The rate in Vienna was 35 ner 1000 during 1000 during the seven daya ending the 23 thin 32 per 1924 children, were registered ${ }^{2}$ and 963 pirls, in all corresponding weeks of 10 years, 1859 -6s, the average 2103. The deaths registered in of population, wa week were 1276. It was the 21st week of the year, and the average number for that week, corrected for is thease of population, was 1313. The present return

## 3 3robimetal.

Monday morning at the Plough explosion occurred on of the Powell Duffrya Plough Colliery, the property purping the watier out of the pit were supplied with atemen fiom throe large fat-ended boilers, 36 feot long
and 7 feet in diameter, the plates being three-eighths when thick. One of these about harf-past oo clow' mouth previous to going down for the day's work suddenly exploded. It rose from its bed to some thrown between the stack and engine-house, and fell across the fence of the Taf Tale Railway, 50 yards off. At the same time a great quantity of rubbish rose in upon the adpoining houses and passed through the George Rose, a stoker, who whs firing one of the other bollers at the time of the explosion, was killed by the bohmg water and mud waica fell on him. David fell on him and killed him on the spot; I faniel Griftiths, a collifer, aged 52, was also killed on the spot David Lewis, a labourer, who had just gone in to the ash-pht when the accident happened, was scalded to
dath, and four other men were injured by the falling rubbisk. The surgeons of the works were promptly on the spot, accompanied by neaphbours, who rendered
alt the assistance ther could to the injured. LeIc Ester -o On Monday crening r very cronded meeting in this town adopted a pention to than IIonse
of Lords against the Irivh Chureh Bill. The Rop. Dr. Corvan and the Rev. W. Corvan attended as representatives of the Central Protestaut Assocuation in Dublin, and delivered longthened speeches on the Liver
Liverepool. -On Monday morning Mr. Motley, the new American Minister, received, at the Adelphi
Hotel, addresses from tho Liverpool and American Cbambers of Commerce. Mr. Dudley, the American Consul, introduced the president of the American Chamber, who briefly welcomed the Minister, and pre-
sented the address, which warmly congratulated Mr Motley on his appointment, and expressed an arnes desire for the mantenance of friendly relations. Mr. Motley, in reply, said :-

## on of the American Chamber

 kindly words of welcon, inn Iny yourivary in Englaty for yond therepresentatice of the Cuite. States

 relacions with her Majeaty's Gure nument and with tho liritish
cruople. The hapineess of the world, the ndvanceuent of
civilization, and the best hopes of humanity, are dependent


 safe and unerring evides for nations and individurls, I beg
you earneatly to bolievo. In canclugfon, I inve the


Mr. H. Clarke, President of the Liverpool Chamber of Commerce, then presented an address, expressing an earnest desire for peace, and the tope that wisdom, moderation, and justice might animate the two the homus, a datas al questions might be solvedrese also alluded to interest of both nations. England's protective policy, and expressed a hope that Mr. Mo would be the means of bringing about reciprocal free trade in America. Mr. Motley, in acknowledgment, said :-

Mr. Prosident, and kemtiomma of the Itverpool Ghamber langtamge of the addreess to which I lave onanks for the curlin listening. I take pleasure in expresaing my high appreciation
of the friendly scntiments whicl you manifest towarde my
 ing the post of Lnvoy frono the lige lited states to her Majeaty's
ind betweun swo nathos casenthins of ne reee, hanin! to cach
 of the worl have ever hefore foen connected in hutwan histery,

 Majre of maintaining aincorare and aymicable relatione with ther




 Mr. Prexi cent at 1 bematle

 Mr. Motlop
apecial carriage being placed at bis service train, a London and North-Western Railway Conipany by the Maideninead - The remort that Conipany
has purchased Cliefiden House, near this town, ha

Mold.-A fatal riot orcumern convicted colliers by the moberphar hor
 mob, who broke down the teleat
troops were stan troops were stationed,
the railway carriages, and
At lenerthers and police, who threm shore
At length orders were given to the meal the people, when two persons were si
streets, and three others died solderas and the police, and one seld mortaly wounded. The jury at soldee is
 ne last week to discuss the adrisuluthe of a fund to ausist weavers to erasrate to
Britiali Colonies. A resolution was I-sociation to tho inuniedlato was pastablisher Southampton.-A suctety
mprston was inaupurated in this tonour of by the Earl of Carnarvon, muth a grand banquet in the evening.
SOUTHEEA.-A publıc meeting was
ovening in St. Lukp's Nat an address from Mr. Edward Harper National Protestant Institute, on "Mr Chure ; 2. The Land : 30 far as rellites ta-1 The Rev. B. D. Aldweli, incuunbent of St. Thet sided, and the spacious room was the Iords to reject Mr Gladeress a resonthe them all the support in their power, was camold Tavigtock - Wheal Crebnr Mine, near :ith was accidentaily flooded on Friday mormen i Only five men were at work in the low lere time, one of whom, lanwever. was dramndi
IZis son was carried a considerable disenm rushing water, but, thourd severely ijput on Friday evering, and the fifith was not re aiturc and sensible, luut alninst exhasteil nu"?rerrated from 7 o'clock on Frday 10an Trabribur: Wiris.
parel on the road betw eea Loundon ard thas in
 aks to the Sinser Hotel, Tunlon lece Wela in arrives in $3^{3}$ hemirs. It is dirven by an anstuet
wealithy gentlocaan, who is its propreiof, azl general management of it rumang on 'ruesday last from London whint
 the passengers were the Karquls of and other members of the Four-11-Hand Cibd hay at nomi, Suadays included, it mencing be journey from the Castle Hotel at Yindare eat! noon at 4 oclook. As in the olden diss sun seat, in addution to the tarifi of "ps. ontalde, hat pioturesqueness of the journey compared mit rail, will cause the coach to be extensive

## Ircland.

ORDER OF ST. PATBICK.-The Lord-jizt held an investiture of the Order of the inimin
Castle on Wednesday evening when the Order were conferred on the Lar
Carysfort. The Lozd-Liettenancr.- The Eari adion Spencer 10 tend leaving A rumour has bee that his Exce.leney does not int it is beliano
Ireland in lis ollical capacity, but Ireland in his olliela
without fonndation
The InisII Cirobch.-A large
tegtants, not conneoted with the E was heid on l'riday eveaing in the Dublin, to protest agminst
was attended by great numbers of
citizens, comprasing many leadi citizens, comprasing many lead
Prosbyterian and Indenenient
I)uncent Duncan presi led, and and reses wh
Rev. Dr. Bryson, Rev. Mr Kert, and son. A petition to tho resulutions calculated to undermane the princ blish the ascendant protest against the
the Metropolitan II 31m) persons attendod, areat nrumber orange saskes and similar emble pr tha Rev, I)r. Trenhum Greas, ntio address. Resolutions and were growan, oounty Down, in opposition

2
In J , denounced the Bill because it fivoured Hinh s-mred to become the goveroing power.
Huth, Hanna, the Rev. T.
S. Woods, Aldert. and other Presbytorians spole marmly it. Arclistion of the Church. A great Pro Mishing wa Mr, Bradsibaw. - No light ha ot Irema unon the myatery in Which the
 In therr investigation ever since the tragir noe hut They lave to contond with an agmost rsie chatarle in the reluctapee of the peasantry slitomble wavy of them are heliesed to hwoll \%i. re thath they choose to tell. The young man n, ren ruanded for s further period of eight dasa Ta: 1 : 1 ate reward subsaribed for the disoovery of the ns n new imulunts to then The following notice $\alpha T$ Purary
that f the linds of $\qquad$ Who swears to ben




## Bovs $\triangle$ ND Boss or Fukrnown, God save Irelind."

 cos sume of the rest of the Fopian prisoners. druani-ut Ibalans.-Joyoe, the National schoolmoter, Whu Wa- arrested in Westyort on a charke of feastanlu and havne a conted fur trial at the assizes. Inm: whineham, the workman who was arrested in bin treek cummited for trial at the assizes. A constable Whue walkog along the quay near tho place whero the prisoner was arrested discovered ape minutely found min aword and dager, a new machipe for making antridges, and a box of bullets.

## Gcollany.

Tbe Geveral Absbubly AND THE IbIsH
 Bome of Lords against the Ir. Nomers in Glasgow.-Janet Hay, widow, agod
Jesiding in South Coburg sircet, Gimegow,

 Teether hat seems that the latter, who is a warehouse iat her mind has become affected. shay ifternoou, being commanded to do a ate sall, by vulces she heard in the clouds. In going zother, whi. h she dul by choking her, mad striking her
mot l bead mith a smoothing ron. She then went to brestor's house, and told him what she had done. beeu apprehcuded. -On Saturday, Thomas Ihars, a hbourer, murdered home hime past, in Little Ihere Ihill, of Gallowgate. The woman had come home to state of drankenness, having spent in drink the ung prorisions. The man became greatly exoted, and nitimately killed her by strangulation. He made no itempt to evaspe, and wis

## 唒atw.


 Lxecations had been Icvied
Veweaste, in Cariton Hanse
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 Well the unclatmod property inter ile oxteuthers ant Rasann it-panstion

Thuriday in pabop of Wincleoter. whe oummenoed on Thurwiny in thim Coop seminut tho Rev. R. IR I. Wiz of
 Col bt of Chavpry -(Berore thio Lands Juntscen) - - ise
 Siturt, remtraining the directorsis of the Chithan and Dover Comphnv to promote the Arbitmation pillu now befora Parlia.

 1 nicellur Malings - - retaza.

 Comipany hard had the benonit of the anlvatucr, and for two yeare hadd said nothing of ita imprupricts, but nuw resintod powerr such a pow the suan ause be mpatd out of the teote of the Cotupany before anything was paid to the ehareholders.

## §parting

Tur Jocker Clut - One of the noot numbrouity Ettondod

 year-olde earlitior in tho jent than 1 it Th Thone were prewent,





 cxtricts from n letter from the Eirl of Derl y, regreetilisg his









 Protender, thir wainner of the Derby, on the noore thit Mr
Sadler, his breoder and numinntor, hail dfed before the maed

 declaring Mr sadter tro be alive ath well, and further statillg that he was prescht nt Epsom and anav Prothemer win tho Committee of Tiathersalis mikned a doeunent astuorting coedod accordingly.

## (Syituaxy.

Tord Brovertwy died on Thurmay evening at his restdence in Berk oley Squaro. in his S3d year. HIa lordship, Johnc Cam
Hoblouse, was the cldest son of ir lienjunin Hoblioune, and
 was was the most fotimate frlend of Lurd Byron, the poot, whom be accompanied in his frst risit to Gireece and Turkey
On his return to England ho took the Radical side in politice

 muinzter Helomurne's Adentristration in $18 \%$. In 1851 ho wan raiged to the peornge
of the late Mirquis Cold atromm Quards. the other married ia $1 \mathrm{k}, 1$ to the Hon J Strango Jocelyn, reuand son if the Farl if Renden By his


 Francis Fremantle, G C.B, and, consequentiy, brother of




 that appointinent during the ushzl perion of twe vians

 Bre Robrat Criems, M. P. for Nothit, fiam, diea ou sumany
 apprebended Cranvillo Jukea Cliton, and during his minourty

uncle, fiet cril gir Arthur cultoo the oftho of Rertom, ation




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## ffartetn.

## COVIANT GARDEN.-JURO


 In the weather suitug thofr trandt frum the si whi flowers
 Futholas.

 Mes, per poria, is to 3
 Ag, per dos, $12 a$ to 18 Kept cober pot in, is to in ed Pinosppter, par ih, to to 18 Lomonn, por 100. is to po Brambertes $p$ ith, is to 10

## GFTABLEES







 Lovke, per buuch, til to or

## ENGLIBE WOOL

During tho put wook tisde hat boen rery dull, sod the tendency to will downwarda, harmere beng twot miling mupplied with the new ollp. Wo uow quoto muder:Ceriknt Peicmor ormalam Wool per lb, =a

## Relf-bred ditto. <br> Kent rovenir <br> Bouthdown owe end wothurit <br> clothlog



POTATOS.--SUCTHWARh, Mundag, May 3t.




Leadenhall, polltrit, to



 Ducklings, $\ddot{3}$ ? ${ }^{3}$ 8- 46 Hares Barroy Pombecoupio, $90-130$ Dottere

 hetropolitan me.tt marhet.-jines.
Aresh Buatter
4. per dozen lib.

Best Fresh bitlas
Bevend to. do.
to "Bb. 8 d : Iar
Iarge Porlc," as od. to

## METROPOLTAN CATTLE MAREET.


 Mark Lane. - Monday, May 31.
The supply of Wheat from Essex and kent to this morn-



 When
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 - Foreign...grinding and distilling 24-28 Malting Oats, Fssez and Suffolk

Rev Foreign..... Poland and Brov $25-30$ Feed
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 - Forig............. Small 38-42 Longpod -, Maplo 41 s to $45 \mathrm{~s} . . . . . . .$. . Grey $40-42$ Foreign Maize … ....

WINTED, a KEEAD WORKING GARDENER.



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Wanted, by a clergran $2 n$ notis, a good pravical


WANTED, anl UNDER GARDENER, near Iorking. Outdoor Propagator and Knifeman.
$T$ EE ADVEM MSlekS are in WANT' of a thoroughly

VANTED, : MARRIED COCPIE, age thout $3 . \overline{5}$,
 Whrticulars of late amployment, to K. J. . Poot OMmos, Rydo, Islo of
W ANTEIIMMEMHATELAY, A CO.FLE, Withnut to Bake for the hovet, the Man as Latbourer th the Griden or Farm.
Apply to J. RIDGWT, Eeq, Fnirlawn. Tonbrıdge, Kent.

WANT PLACES.-Letters to be Post Paid.
Fixperienced gardeners (or as Gardener

$\mathbf{M}^{\text {R. WM. PAUL }}$ begs to announce that he has made furnish arrangemeerts by which bo wil bo enahled in fitura to qualifentions, who are open to Eugagements, Fhe fullest particulahrs


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TAMES CARTER AND CO. having many applimation
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## Gardeners and Under Gardeners.

WM. CLTISUSII $A 11$ SUN bey to statr thit they Whose charnctera will hequ the strictest nqury, Any onntionant bo udara Liken
solected -Hi
M R. T. Bo Wrick has the pleabume of RECOMMEND-








 CTARDENER (HEAD) Married, no incumbrance; has R. M, Mr. Dancoris, Nurseryman and Seeckman, Fullem,

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$3^{\text {AILIFF }}{ }^{\text {To }}$ Noblemer and Gentiomen Dextands his proress mn in all its branhes
 SALESUAN, or PROP HGAROK and
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## Reduced Prices.

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Indestructible Terra-Cotta Plant Markers.

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HOYAL HEPARTMINT OF SCIENCE ANH AHT, mandun.
 Wreat Apparatus on record. Those are no theoretical statementa, but poestive facts, and it is not too much to add, that no boaler cian boast a paralirl

For List of Details, see "ILLUSTRATED BUOK of DESIGNS" (12th Edotion), which ean be obtaned ly addreanagg a note ta
John Weeks and Company, horticultural engineers, \&e., king's road, chelsiea, s.w.

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RAMES \& PUMPS PCR DEEP WELLS.

AST-IRON PUMPS. $\frac{21}{3}$ inches $\because \underbrace{}_{1} 886$ $\begin{array}{lllllll} & & \because & 2 & 8 & 6 \\ 3 & " & \because & 1 & 0 \\ 3 \frac{1}{2} & " & & \because & 2 & 6 & 0 \\ 4 & " & & 2 & 14 & 0\end{array}$


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APARNFRS ARDEN ENGINE - A. Nis, 13 light, $r$ a mat or chald .. ine

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Price on Barrow, with Brach Pipe, Spreader, Uniona, and Suction Row, $£ 6$.
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 presene he atrinl of your gront plenoure fo shting that I Wan Was muth pleaer with its efaciency and simplicits The with very hittle labour This Pirmp wo bore is woll maso verv




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| GARDEN ENGINE |
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CHATN PUMP gon lioctd Mantre.


THE GARDENERS' (HRONICLE AND AGRICCLTLCRAL GAZETTE

1. Patronisod by Her Majesty thi Queen, Do Dio Duke of Northumberland for Fpon Hones, His Grace the Duke the Hortculturnt Society, and S I Joneph Paxtmo for the Cryata
The best Shading is "Frigl Domo " Netting.
White or Brown, made of preparod hair and Wool, a porfeot non
 PROTFCTIO from the sCORCHING RAFG of the SUN. Two yards wide
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 Bololy by Figi Donno Strinty Lane, chnnon streat, C ty, E C., and of a.l Nuraerymen and

GLASS FO ORCHABD HOUSES,

As rapplited by therm to Mr. Rivors, to the Rogal Horticultural Soolety

 Squares 20 by 13,20 by 13,20 by 14,20 by 15.

## Fourth quality

Third dill
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The abore prloen "ंnolude the boxen, whick are
Stock rizes, $16-\mathrm{oz}$, in 100 feet boxes, boxee included.

13 by
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Fainted four coats, tro sides, ready for nio
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 $T{ }^{\mathrm{HE}} \mathrm{MIPRROVED}$ CONICAL PINERIES, CONSERYATORIES GREEYHOUSES, MANSION
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HOT-WATER PIPES, Itote atook- n , Jand
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LAWNS, DRIVES, BOWLIYG GREENS, CRICKET FIELDS, and GRAVE gUITABLI FOB HAND OR HORSE POWER.

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30 inches 32 inches
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 The above are Net, for Cash, and an such cannot be bootser liste of any of the above on applleation.
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An in GliMl iny and the RHINy air Th LEhMASI and ther TYHOL STIITELILND and the AIMG I:

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## Tee Improvement of Landed Estates

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Pracotlavi-On Wednesday, the an, frove to the Linn of Ihee. ()a Win' Irinee Irthur left the Castle for In its a ales. simm the filtamen denner lift Peal ca, Princras Beatrine, and Prine Priday the fineen went ont in the tis maty Shial, in Saturday the (Gupen aftomrmb: whith l'rincess Beatrice,
 inat Raral family attended Divine fervice - Evinatiturch of Crathle. The Rev. Dr.













 Dormon was preached br the kub- © han. Oum Monduy catining ohe tritum fremided at a mothot of tho










 matly part of lavt weerk rilumod to Proptworn an





 llus Camingt. - A Cabinet Council was ho la

 Momps, Whitworth and 1,vans, the pulaben beinf139. The eleston toots place en Tunday, whien Manarn returned by majorities of $212 \mathrm{mad} 1,-6$ tiver thre li, when Libenal candidate, the 11 imher lun.: \& l 1 lem

 the vacant seat Mr riesirzo Powter. Mr 'tuation Sely, and Mr Ihgby Soymour I, iherala and Colonet Kassau Luen, ('innervalire M1. Bernal Onborme does Colonel Wright. inn (in servative member, being exf ected ta reci, min the end fif the preecat memian, on wh lizorily reesen live vent for leweallo, and that Mr. Bell, who unateresefils ramialed Dieth Durbam,




 minmesursm, and that the ad freme dal nat foll we the words nt the del of trantiament. Ined Weasthars and Cairns, and the Lord (hanemelur u!timstaly conkentel


 ground that ko was the naminer of Mr Wramelin, that him, and that Mr Greest was gulty of merupt prac ticas. The petition prays that the election mey be Tife Bishopric of Montrpal, with which in connected the post of Metropnitan rif Canada, has rector of Pluckley, Kent, whe hat bmen Homanimenaly alected by the rrovincial on nod to that see, in Cucmersion to the lste Brathp Fu, ragd. Russell Guruey has given the sward in the important a a between Reuters Telegraphic Company and the Gorerntaent. The total amorm of compensation $26,000 \mathrm{t}$ the complay to pay ite own oord

## Forctgro.

Prascrp-A Counent of Ministem wha held on Wednenday, at which it was derided that the
Chamber should be convoked for a short lexualative




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 and woent fimble oocurred, tho dimider Jomling antil neaty three on Wedipendar morning. The











 declered devord of fondadstion Fi, sump Charlen Walewaki, affackic at 11, Vfmuiry is. Fiore ith







 gated on suncay in all parte of the feritan, $n$
 a Beqent took pisce, amd the divelws, on of higa question oommenoed on Tuediny, when Homor Ulozyan ald that por the proont it was moved that a commatios bheuld poasibie. It way moved to deliberate unom the Rexreocy progeets The motion was referred ion be burvaluer tare Chamber Al a proviona aillime A imural Jipmin rean impegramin

 and slating thit it fat portel tult ot the national from npaln, as at irat r prorlat tult ciare national


 Invannah to astume the eollumand In the alliting of report on the Rezency The d-cllewioll of the report on the Re-zenes thent
Jownetri,4t - The liali of Indennity has been approved by the Chamber of Poart, aiter brillient Marne. The sugmentation of tances propowed bs the

Count de Samodaes, Minister of Finance, is deprecated by the great body of the people. Who consider the system partial and iwpracticable. The prospects of the corn and promise an abundant yield. The vine disease appears to be nearly eradicated. The health of the Queen Donna Maria Pia continues to cause anxiety to the Court physicians.
BELQ10M. - The birth of an heir presumptive to the throne has caused aeneral rejoicing throughout Belgum. The young Prinoe is to be ehristened BauIu the sitting of the Chamber of Representatives, on the 4th inst., the Bill relative to imprisonment for debt, as adoptel by the Seuate, was rejected by 51 votes Ministerial Bill, by which imprisonment for debt is Hopletely abolisie
HoLLAND.- The periodias election of members to elections, the results of which are known 20 of those returned are Liberals, 14 of whom sat in the last Chamber, and 11 are Conservatives, of whom three are new members. The results of six elections are not yet eleotoral districts. In Amsterdam the three Liberal eandidates were all elected.
SWITZERLAND.-A telegram from Lausanne an nounces that a atrike has broked out among the workmen in that town
Hesse-Darmstadt. - A Protestant Conference as sembled at Worms on the soth ult, and was attended
by about 1000 delegates. The following declaration Wy about adopted :-
"The Coaference repels the supporition oxpressod in the
Papal letter of the 13 th of September, 1868, that Protestant Fould return to unity whth the Catholico Church. It protests enper ially againet the the principles enuxuclated in the Ency and pernicious in theirbearing upon political institutions. The
Conferance expects that allopponentiof the connmon enemy of
relifous peace, national unity, and the free development of religlous peace, national unity, and the free development of
civinastion will closely unito at the prosent juncture. It de-
elares hierarchical errors, and particularly the action of the Jespitis, to be the chie coube of the present deplorable
religions diflerencer. Only by the determined rejection of
the hiverarchical protenaions which hare been revewed, and naturn to pure Reripture, and by the recogaition of the peace which it has lost, Finally, the Conference deelares that denial of the principles of Protestantism, and ara aimply so many bridges to Rome. All co-religionists are, therefore,
With regard to the constitution of the Churoh the Conference took its stand upon the principle of the nirection of the Churoh should be constitutionally regulated, and that the Church administration should be responsible to the provingial synods.
PrUSSIA.-The King will leave Berlin on his visit to Hanover and Bremon to-morrow, and will probably be accompanied by Count Bismarck. The Viceroy of Egypt arrived in Borlin on Monday evening, and was
received at the station by the Turkish Ambassador, the Ceceived at the station by the Turkish Ambassador, the Wurmander of the Commandant of the City and the Prefect of the Police. His Highness proceeded to the Royal Palace. In the sitting of the Cuatoms ${ }^{3}$ Parliaby a large majority, and Prince Hobenlohe the Prime Minister of Bavaria, Prince Shillingsfurst, and Duke Ujest were re-elected vice-presidents. In the sitting of Wednesday, the commercial and customs treaties with Switzerland, and the commercial treaty with Japan, Were passed. In the sitting of the North German nitirely adopted. The revenue of the Confederation is estimated at $75,958,495$ thalers, and the expenditure at the same amount.
AUSTRIA--It is stated that the Emperor has accepted, under certain reservations, the invitation of the Viceroy of egypt to be preseat at the inauguration of the Austrian Government will not take any definitive resolution touching the pentralisation of the Suez canal without previous agreement with France. The wa budget for 1870 amounts to $7,499,660$ of forins, or five millions more than in 1869 , and is calculated on the Wars of a strength of 800,000 men. The Minister of have to six millions of florins. Bishop Rudigier, who vincial Court of Justice on the alleged ground of a Papal brief enjouning him not to appear before a Court on Sations conducted by the polioe before that Court on Saturday.
Galicta - Prince Czartoryski has declined the governorship of Galicia. Prince Sapieha has been prevailed upnn to withdraw his resignation as Marsial that the Polish language shall be henceforth the only official and educational language through Galıcia.
HuNGARY- - The leaders of the Opposition intend to ask for explanations from the Kinister of War repressing disturbances in Carniongarian troops in does not furnish satisfactory explanations a motion will be made to the effect that all Hungarian troopa be withdrawn from the Cis-Leithan part of the empire and removed to Htingary
Ressit- The Grand Duchess Marie Feodorovna, Denmark, Cave birth formerly Princess Dagmar of Denmark, gave birth on Monday to a Prince, who has
received the name of Ale vander. It is ofti nally stated that the newa pubblshed in Bombay of an sivanyerf the ticns are belng made in the Piasian pose prara-

Central Asia, The Emperor intends sending an extraGrant on lus election to the Presidency, and to express the great yslue which his Majesty sets upon the mainthe great value which his Majesty sets upond Amain-Gbeece.-Abmet Rassim Pacha, the GovernorGexeral of Epirus, has been deputed to deiver to king George the splevdid jewelied sabre presented
Majesty by the Sultan, as a tolsen of restored peade. Majesty by the Sultan, as a token of restored Deace. on Saturday, Signor Loobbia declared that he documeats proving the corrupt pariv. from the formation of the Tobacco Monopoly Company, After committee the consideration of a proposal for Parliamentary inquiry. Ou Thursday the committoo recommended that an investigation be made hy ommittee of nine members to bo chosen by the Pre dant, and that the inquiry should be conducted in two bo devoted to tho examination of Sicnor Crispi and of he documents tempered by signornted the conmitto Fould prosecute the inquiry publicly, but if not, ould discontinue the proceeding alogenier. signo ontire publicity was necessary from first to last. The debate was ultimately adjourned. The anniversary of the promulgation of the Constitution was celebratod on sunday. In the morning the King and Prince Mumbert, with Princess Margherita, reviewed illumination and fireworks. The King has left for Turin, and Prince Humbert and Princess Margherita have left for Milan and Monza,
Papal STaTRs-The preparatory commissions for the Cicumenical Council continue their labours. SeJerusalem have arrived. The Archbishop of Algeria is expected shortly. The postal treaty with the North orce. The desertions from the Pontifical army have again begun.
Servia. - The National Skuptechina has been convoked by a decree of the Regency for the $22 d$ inst., to discuss the question of the reform of the Constitution.
Tee Principalitibs.- The assertion of a Freach paper that the Minister of the Interior had threatened without foundation. In the gitting of the Chambers on Friday, the Minister of the Interior stated that certain measures would be laid before them relating to the Jewish question. At the same time he recommended that a Parliamentary commission should be sppointed to investigate and report upon this dıflicult aution.
TURKEX.-Daoud Pacha has left for Paris with the ratifleation by the Porte of the Roumelian
contracts, which have been slightly modified.
contracts, Which have been slightly modified.
EqxPT.-The Sultan has conferred the title of Pacha on Sir Samuel Baker, in order to give a proof of the interest he takes in the success of the latter's expedition. The Nile has begun to rise.
Abyssinis.-Mr. Thomas Powell, of Coldra Hall, Monmouthshire, eldest son of the late Mr. Thomas Powell, of the Gaer, the great colliery proprietor, and
brother of Mr. Walter Powell. M.P. for Westbury, his wife, his son, his servant, a Swedish missionary just arrived from Europe, M. Macerer, and three native attendants, were murderen on April 17 and 18 by the Kirnama of the district Wika. Mr. Powell left England for the purpose of shooting elephants in Abyssinia, snd proceoded to the country of the Bazaine who had told him that ther were in a state of rebellion, and that Europeans would incur great danger in going near there. The Consul advised Mr. Powell to go to Aleute, a day s journey from Massowah, a quiet and rhinoceros, but as the elephants have small tusks, while those in the Bazaine country have enormous nes, Mr. Powell was persuaded by M. Macerer to enter the Bazaine district. It appears that M. Macerer That they took advantage of his roing to reconnoitre a place where water was fouvd, in company with Mr. Powell's servants and the Swedish missionary, to effect their murder, without iteir being able to defend them-
selves. Being fearful afterwards that Mr. Powell selves. Being fearful afterwards that Mr. Powell
would punish them, they then murdered him, his wife, his son, and three Abyssinians in his tent. They then pillaged all that they could find, and spared seven or Berim wounded bringing this intelligence. Mr. Powell Kerim wounded bringing this intelligence. Mr. Powell shire, and married the daughter of the late Mr. John Jenkits, of Carleon. There sere five children living by the marriage, including the one they took ont inth them.
Cape of Goon Hope- We have accounts from the Cape of the th May. Among the passengers by this mal are Isekelo, the son of the Basuto chief Moshesh, Watness, forming a mission to the Imperial Government to represent the wrongs sustained by the Besutos in Sir Philip Wodehouse's late settlement of the frontier between them and the Free State. The Kaffir chiefs Macomo, Sejolo, and Xoro, the political prisoners on Robben Ifland for saveral years, have been released and aent to Kaffirland, special lands being assigned to
them. The packet also brings the 83 -carat diamond, which is invared for $30,0,0 n$ ? . Several more diamonds have been found and sent home, but secrery has been manatimed at the Cape about these cuscoveries througi the royalty ulaims set up at Colesburg. According to new from Natal to the 17th April the results of the
gold explorations were still unsatisfactorg.
if not altogether of finnowi in arrived from Australia, and man
persevere in their Zambesi expedition hase bont and had suffered from bren delem
Indta-Na
INDIA--News from the nort
Khan and Abdool Rahman ta
into the interior of Porin into the interior of Pempag han despairing, it is said, of
forturnes. The relorms wh
introduce in introduce in stryhanistan a
army in to be remodelled, and
Citizens whll be forbiddea to
Atstralia--Accounts from
after the Eiaster recees a
report of the bribery committen Miso Mr. Butters, the are expected to follow. the various colonial Chambers of place on the 3d May, with bring about intercolonal quarter's revenue returns show increase for the yea
revenue returns of the first
$32,592 l$. from the carresp
At Brisbane extensive depalat department have been discorver Galatea, commanded by the Dake
from Sydney on the 3d inath for Wre New Zealand. -There is no respecting the New Zualand wer, wot being very hard pressed by the ollatil President and his party were collision with a cattio trais near day, and ran off the rails, ona jum
and 20 others more or lass several ition Well had a narrow escape. The Preeide Mr. Russell Jones as Minister to Bel sident has senta special commusion: genersl condition of the Dominion sident has also appoin sa
members to investigate Indian tions to inspect the records of report on the best means tribes. Constant Indian massoress en the Kansas frontier. Fity
in the last two weeks,
sottlors are flying esstwards settlers are fiying
ravaging Arizons. Iveson, killing 30 and capturing eight Negro riots have occurred in Washingt cipal election for that city, on Monder of whom were negroes. The Bk mobbed a Demacratio the latter had to use their remiten negroes, killing one and wound
sition recently put formard by party, that the Alabema questroa es party lasue at the co
heen arrived at, many of the leadug divided on the question.
tho T'nited States has siven op of the Frencla 'l'elegraph Company cac permission of Congres
CaNADA. - The House of Commor Confederation.
Assembly, by a majority of ${ }^{20}$ to $:$ : 4
pesolution in reference to the andsil province to the Dornicior
debate the Attorney-Gener
ing that Confederation was and favouring an spppeal hore extreme John Tobin, ex-Member of Cure has committed suridio. volunteers have government of the island, whigt the
hands of General Espinar until the De Rodas.

## 3) Arlfancit

In the House of Lords on Fids.
for by Lord Stratmosp DE RECIm Alabama claims, and Wheat, were akred Bill, Abgril and
and passed. Incorporation Bitl wa cortain amendmen
On Monday the
petition aganst th
could not corsplir in
he a publie mifort
be a pl read me, and
secon
ments being intrud
ments being intruduce
triot Bailway Bill
chune makimp it oblastory on the provion, the clause was rejected by No 14 Iord Colcaestre, Earl Granvilie arid
Irish Church Bill became lam, it would be propose a meacure for the exemption of
free Protestant Church from the penaltioe free Protestant Church from the penalties Locosiaticmi Titles Act. On the consideration iil, the Duke of Richions moved that sioners, The motion Was instied of
Ministers, by $8 \%$ to 49 . The Duke
the omission of clause 28 , giving 1unved the omission of clause 28 , giving
of ualf the members of 1 loe schon, com-
the larger heritors. On a division, the larger heritors. On a division,
whe retained by 73 to 45 . The
the amendments was then agreed to.
the Earl of HasrowBr gave notioe the motion for the second
Bill, he should movethe ne Irish Churoh Bill, he should move that
second time that day siz months. On the I seoond time that day six months. On the
walshlents on the Life Peerages 13ill, the
IBOTL expressed his opinion that the Bill Aroylu expressed his opinion that the Bill wh inorease the polition strength of the
and that their lordships' House would never Li sme influence as the House of Commons mads elective. So lonp, however, as the leader toreast of public opinion, they would always
thair oonstitutional authority. The Marquis thoir constitutional authority. The Marquis
arisbuer gaid that the infuence of the tary peorage wha everywhere diminishine by making the Iouse represent moro Troar thounht that the llouse already suftioiently montad the intellect, wealth, and public service o
matry. The Earl of Macmesserey moved as a
 o Bill. lord CairNs suggested that tha Bil! shoulil sisti, present Earl Grage. After som Guatio by Firl Ris sitiL, Earl GRaNVILLE, and Eur reviral. The Oxford University Statutes $\mathrm{B}_{\mathrm{h}}, 1$, on th the Earl of Derby was read a Beoond time Ot the motion of the Iord Chancelzor the House agred to join in the addresses of the Commons, praytoctions in the cities and boroughs of Norwich Owhl, Bridgewater, Beverley, and 8ligo. On Thurba Tin 7 ni no public business to be transacted Yarday the Marquis of Salisevisy moved tha man reading of the Beerhouse Bill, the object of in remari to heerhouses. The Earl of Drisny fionartil
 $-$
In lla Commons on Friday, in answer to Sir J,
Gar, Mr. Broce said that O'Donovan Rossa the Lulan Mrisoner was for some time so violent and ctrgeous that he had been repeatedly punished, bu that of lite a marked change had come over him, and Than now reported to be the best behaved of all the Dhenel of the erpense and delays in the revision of the Frent and moved a resolution to surpend entirely the unfa, 1 commitee was at work on the expurgation of Hpanse to the Treasury Wes the salary of the editor.
K. KiNg and Mr. H. Palmbr supported tho which pros negatived on o division, by 2 to 61 Mr. W. H. GREGORY Moved a resolution Brisan Museums and the National Gallery ought to be ormend to the public on Sundass after Divine service. Hu jrasted petitions signed by 4,070 workink men rime of the resolution, and contended that the p teaching of the New Teskament was in the hon of relaxing the Jewish Sabbsth, and that the nes of the Jews and the Primitive Church pointed loching to prohibition of work than of recreatron. Tht, instead of being antagonistio to religion, the effect $\approx$ opening the museums would bo to cheok druakenche and to promote feelings and ideas which must MABTHER Opposed the motion on the eronnd that it $\pi$ ral increase Sunday labour, and that Surday as the working classes. Mr T Cin Cubeas asserted that the rasting majonty of working men were opposed to the mr vement, end that persons had been employed by Enat res to petitions in its favour. Mr. Bainks was reak ig when the House was counted out. On Monrarefting the ans to questions by Mr. O. Morgan Uisfer of one of the magistrates that the captain in amadol of the troops gave the word to fire, and that tion this was done the Riot Act had not been read. That nowerer, was not a necessary preliminary to conb) the fact that, and the firing in this case was justrfied in a dapgeronas attack, which would warrant any one ink whatever weapons might be at his command. tistaped the BrFcF was speaking Mr. Gladatone fanty withloud and hand was received by the hibera Tth inflaggiap vilour In answer to Alderman Salomons, Mr. Crimoses ariens that 1100 artisans froma the dookyards and movejed to Coolvich and Portsmouth had beon
 Higies |311!, the objert of whitio was to authorise the ugreements between an nurs "ull ubcuepr in canculecomporition being extended to all oocupier under in In the proviaces and under $90 l$. in the metropin We. COBRANCE moved as an amendment that the lif 1 Hable to find a peoonder. Aher some remerge by Mr. S. READ, Mr. BRIGHT and nther members, the bill u' drew his Representitinn of the Penple Aet 114 i,
Amendment Bill, which also dealt with the question of clampounding of the Roforme Ach. On the order for reauming Poor Aot Amendment ( $186^{\circ}$ ) Bull Mr. M'CULLAGB LORRENS moved that further legisintion be defarred antil there had been an inquiry into the sulhelency of tho motion. Mr. GatyonNr HagDy and Dr. oppome 1
Was neratived by liv to 15, and the Bill was road a Mecond lame bu the motion for considering the
 on the part of the Goternment of "unanar. BRUCK The Beer-houses, \&c., Bill wid read a thind timesind passed. On Tuesdy, at morning vitting, the House levoted five honre to the Commifter on the Bank
rubll, which wes considered from clause
 wero made Mr. (sinulikE moved for a Selec
 and contrasted the calculat.ons of the late (rovermment, rising from three millions and a kalf to five mills ins, with the aotual coat now ncertained to exoeed eight
millions and a half. Sir Staprond NoBTHCOTE keconded the motion, admitting on behalf of the late Gecondod the motion, admitting on behal of the late Government that the desire or inquiry whal altaial and reasonable, and could not but be useral in the
uable interest. After Bome disoussion Mr. OTway puble interest. After some disoussion Mr. Orwar ment Sir +J. D. ELPrisasose urged that the inquiry should be extended so a to enbrace the canes of the war. Mr. AYRTON depreated this extension of the
inquiry, and after some further diouseion the motion nquiry, and after some further dieouselon the motion was aureed bill to sequire lands in the pstan of

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## berease

instruction to the Committee to provide for the marriage of widow with her hasbands brother SCLATER-BOOTH moted the adjournment
debate. Un a diviaion the mohion wan nezatived by 118 to 63. A subsequent motion
to ad, ourn the House was rejected by … thes ith 'llajerity then gave way, and realing of the () allstan I'lue order for the second readisho

Williva
 Suyday (Ireland) 1311, on Mr. C. IUBTFat E E under taknag that the Government would conalder the whole subject with s view tu lequalion next year Mr 引LAK moved the second readug of the Sea Fisherses (Ireland Bill, the object of which was to remove the control of the Fisheries from the Board of orks to the Loril Lieutenant, to abolish sll existiog restriotiona on the modes of fishing, and to advance losns for the eatablish ment of currag-houses and ensblug fistermen to pir chase boats, gear, to After nome ditcussion Mr. Fortescue said that the Government were willing to allow the Billito pass in sts present state, but wereopposed to the system of loans. They agrend that the finherse ought to be placed under more elliesent managesnent and control, and if upon examanation it appeared that a revision of the 13 wis neeessary the torn would themselses deal with the quastion The 131 was then read a second time, on the umderstandink that if would no bo pressed further. The House then went into Committee on the Suaday crading bill but no progress was made when the hour of ajjourn ment arrived. On T'mursuay hord Fililo moved resolution declaring the entabhishment of a sufherent and rehatle arius of reserse the defeets of our pre aecessity. He cuatended that tho argamisation, that the serm of were casised by want or armarmshould bo for 21 years-seven years in active sarvice id the Libe seven in the first reserve lable to foreiga service called on, and seven in the socond reserve, only liable for home defonce, if that, the milia, as the backoone of our military system, shoula be balloted for annually while for the voluateers he recommended mprovemen
organisation, the division of Foghand lato districts, and more frequent drit in large masses, Colonel AKBoyd seconded the motion, and after some remarks by Connol C. H. IINDSAY, Lurd BCK Colonel Norte, Mr. H. R. BRaND, and Colonel Gil Pis, Mr. Cabdwell sadd that he could not concur in the adontion of the ballot oxcept in the very last resort and that 21 yoars would probably be too long a period for any man to commat hemelt to the miatary service Ils enumerated the Varrous chankes now in pro gress, and others which were coulemplated connected with the geveral stall estabistracts, the division of the country into military dituricts, with staff in asch, applicable to army, militia, and volun teers, the conversion of the jeomanry into a mounted
ifle force, the billeting byttom, and other misor methers,
Afler come furuber dimoumton, Lord BLCBO espremed After come further dimeumion, lord SLCBO oxproped drew his motion. The House then went into Committee of Supply, end agread to the votes for militia, yeomanry, volunteers, ermy revarve, Green wich Hopitat, and a
 eomanry vots was dereated by 117 to 27 . Yoferiay 3ill, when the 5rd clause, the consideration of whole had been sodjourned from the sth inst, whe paran. cocounts of the trustee by on oftioer to be called the Comptroller in Benlr roptey, end the clevees dependent poned, and the remainder, up to 88 , with $t$ we exoep
tons, were egreed to. The Houe wras left sult ng

## CItD Intcligence.

Bane Rate of Digoomer -The Bank of Eagtand on Thurndey roduod thair rato of dizoonat from t\} por coant, at whioh it war axed on the cith ult, to per oonk.


 cortuntely, the caeo before him really ralatod to fect only, and not to poinle of lew ; lo, therefors, had had n. Limst the dipectors, but that Mr. Mnner' © Conduo
 parisment ad thet he mut trial. Un Saturday Mr. Finnoy wan brought up arising out of the winding-up of the Company ho committed perjury in hir ovidence before the Eseminer in Chencory. Alter long berring the case wa djot

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 or Aocount; New and Beduoed Three por Conts, !! t.o 2r pm. Indien Five per Cent. $111 /$ to 112 Ditto (i866), 87 to 90 ; Orel-Vitebak, 80 to wat: Mor Cents., 481 to 43 : Ditto Six per Cents. 681 to 6is

## ffletropolis any its Vicinto.

 -A meeting of Conservalive l'ears, exceediag lut in Mariboronrgh, in St. Jamesin Square, on saturany, to Irish Church Bill. It was almost oxclusively a meetiog of lay Peors, the Arohbishop of Dublis and the Bishop: f Peterborough, Banzor, (iloucester, Tuam, and Derry being the only prelates fresent The expediency of throwing out the Bill on the seoond realing was vigorously supported by the Earl of Dorby Inond Cairn4, the Harl of Harrowby, the Dukes of Marlborough and lutland the Earls of Ellenborough and Bandon, Lord ledesiale, and the manstrength of the Consersative party. A ircal many Insh Peers-one. 1 に The Marimas of Saltibury, the Eari or ('armaryon, and Earl Stanhope on the other hand, wree in farour of allowind the 13.11 to the read a secom 1 ime, and then proposug material amendments, and were followed in Iouse opioion principally by younger members of the frous. Faroughout foeling that the Bull must be rojected, or artered in some ementisl pointa. Iord Cairns, who addressed the meotiog at considerthlelength, suggented that the Earl of Ifarrowby, from his independent poation, would be tho beot peer to imove the smondment, and it was calculatod thet the msority in its favour would be 60
DEPUTATIOS PRON IERLAND TO TKE LORD8 ON ER IBish CRUPCH BrLu-On Fridsy depotations fastant Defonce Agaociation the Ulater 1) fower lane ation the Preshyterians of Ulster, the D) lewae Anoreatun, the Presoyt Nationsl Protestan - ion wated on a number of peers at the Westminste $p_{\text {ala }}$ lace Hotel for the purpose of urkiog upon them the pasime Ity of second readjug. The deputationa were introdtrood by the F . Caricir and their lordahins were addressed by Dr. Reichel, Mr. R. Hamilton. Mr. Maerory, Mr Oy Dr. Keiclel, G. Gamble ( C., snu others Tho Duk formbor then sard that be and the other peer of astened with the greatest attention and interest to the statements which hed been so forcibly put forward The feeling and riews of a large portion of the people of Ireland would got expect say expression of opinion as to their future proceedings in this matter from the peers then present but he only gave expression to the feclings of all sround him when he sald the the eelimgent absercations whith had been mede by the denutation would recerve most maxious and respect ful consuleration
DEFCFATION TO IARRD DERBY ON TIE IRISK
 Assoc.ations waited upon the Earl of Derby to nresen him with su addrese, urging the House of Peers to
reject Mr. Gladstone's Bill. The deputation, whic
was introduced by Loril Skelmerdale, consisted
Lord Colchester, Mr. Rakes, M.P., the Hon. E Lord Colchester, Mr. Ralkes, M.P., the Hon. E. Dougias, M1r L. Sedgwick, and Mr. W. Bennett; Sir also present, on behalf of the Scottisis Constitutional
Association. Lord Skelmersdale havist introduced the deputation, an address was read denouncing the
Bill as a sten in a wide scheme of revolution in Ireland, and expressing the conviction that the support and his policy, as far asit was then divulgell, wauls not be extended to the present measure, or to those whot in reply, adverted to tho mesting of peers held or less aocurate had already appeared. He disolaimed any position beyond that of an individual peer,
or tho slightest wish to influence the course of others. After remarking upon the steady and consistentioppo-
sition with which he, durivg a parliamentary life of 45 years, had encountercd all measures seeking the disestablishment of the Protestant Cturch in Ireland he passed on to say that while ho kuew therg were somio reject it on the second reading, he expressed his hearty conourrence with those who preferred the latter course and his conviction that the lill would be defeated by sn adequate majority, adding his belef that in dealing
with so revolutionary a measure the boldest was the With so revolutionary a measure the boldest was the
gafest oourse to adopt. He concluded by expressiag his lively satisfaction at finding the peers supported at this critical moment by the numerous associations repre-
sented by the National Caion, and trusted that in their resistance to the present measure, as well as to any subsequent attempt to force the consciences of
the peers, the Upper House would have the support of the people.
On Monday at mecting of the aishe Ciecberize Bill.others opposed to the Irich Church Bill was held in present (were Mr. R. N. Fowler, M.P. Mr, R Dims. Alderman Sir W. Rose, Alderman Sir R. W. Carden M.P., Mr. Chartey, MP, Viscount Dunloe, Lord John Chubb, of St. Paul's Charchesley, \&c. Mr. member of the Wesleyan body, took the chair, and تhich was in their belief dishonourablost a mensure God aud dangerous to the throne and commonwealth of the kinglom. As a Noaconformist he maintained that if the Cburch of England was to be precerved and join country was to be saved from Popery they must Parlimente Alderman Gibbons, Mr.C. L. Bevan, Mr. H. Masterman, Mr. Morgan Howard, Mr. Robert D. Alrront, Mr, A. G Macrorie, Mr, M, Mirame, Mr. King, aftermards addressed the pleetin, and Mr. C 13 denouncing the Bill as a severance of the State from reigion, as Irrejudicial to the sumremary of the SoveChign, and as endowning out of the funds of the Reformed Cauroh the Roman Catholic College of Maynoolh, and certain phalanthropic institutions which now are o hereafter may be under the control of ecolesiastics and mously agreed to. A petition to the Honse of Lord embodying the resolutions was then agreed to and eigned by the chairman on behalf of the meetins.
and Parse to the Irisif CiUbeil Conference Given, in Willis's Roomsta a deputation from the Irish Ireland, who had waited upon mesby terian Church in Lords. The chair was taken by the Duke of the House of Was supported by a large number of neers and mem, who of Parliament. His Grace proposed the members "Church and State," Which was responded frot toast, Archbishop of Armagh, the Wisbop of Derry, and the "House of Lords," which John Pakington proposed the of A bereorm. Mrr. J. C. Colquhoun ruroposed the "House the ners. The, Which was responded to by Lord John ManUnited Church, and the Devuties of the Iranch of the Carrick and Mr. Hamilton. Whowledzed by the Earl of proposed "The lrish Presbyterian Church Marrowby Mr. Macrorie aud the Rev. Dr. Cumnoknowledged by degate, M.P., proposed the toast of "The Chairman," The Irisq Cifl acenines to a close.
Kinnard, who has for some wers The Hon. Arthur treasurer to tho Irish Chume years filted the post of given pain to the leading members of Society, having his votes in favolur of the Irish Church Buil, has, at Ineir request, resigned the office.
Iepatation from the Episcopate, -An inffential Episcopate wated upon the the Inorense of the Downing Strect, a few days sine Prime Minister in consequence of the vast fores since, to represent that in late years, there is great need of so the population in to pernit the subdivision of sees sand the apmol measure of additional bushops. The dees and the appointment larly pressed upons. Mr Griadsionation more particuin reply, propised of Henry VIII. Mr. Gladstone Cabinet; but said that bring the matter before the bishops residing in this the large number of colonial was rearanded by so neoesary as thany as a proot that biehops were not
main diffeulty in the way of practical legislation is the want of a general concurrence among those interested
in the quention as to the primelple upon which it slonuld be dealt with.
Pruceedince of The Chrrcir Associatrov Agassis litčalissm.-On Tuesiay an influcatial
dejutation waited upon the Arcubisliop of Canterbury at Lambeth Palace, for the purpose of presenting a memorial with reference to the recent decision in the
case of "Martin $v$. Mackonocbie," signci by 01 clergymen and $10 t$ laymen, and unanimously adoptod by a oonference at which representatives of provincial
associations numbering 7900 members were present The deputation stated that their objoct was to present law settled and that they now inteuded $t$
further, and would institute, with the full sanction of of St. Janues's, Brighton. The Bishop of Londou had approved of a similar course being adopted with reference to a clergyman of his dincese. The Arill-
bishop, in reply, expressed bis approval of the efforts mado by the Clurill Associaton to obtain anthoritative rances, and said that he had gre, ht sympathy with
oarnestress and liberty, but gone with any design oarnestrass and liberty, but none with any design
whioh teaded to make the Church of Enkland different from what it was made at the Reformation and what the vast majority of the Churchmen of the aetion wished it to be
Another Ritualist Prosectetron.-The Bishop of London has commenced a prosecution ayainst the the-East, in consequence of has violation of the Mackonochie," Mry. Londer objects of "Martin $v$ lighted candles, or to consecrate the elements otiber wise than he understands the Church to direct him Arches, if Sir Robert I'hillimore consents to accept the
Conferrence on the Liqeor Latrg, - On Monday
morning a conference on the general questions of the morninga conference on the general questions of the
laws relating to the liquor traflic was opened in the rooms of the Society of Arts. The Archbishop of York presiderl, and there were present Lord Ls ttelton,
Sir John Bowring, Mr. E. Banes, M. P , the Rev. II. J. Sllison, Alderman Carter, M P., and other gentlemen. The chairman, in opening the proceedings, said the object of the gentlemen calling the conferenco was not the force their private convictions on tho Legislature or sober pubble opinion, so that something might be done to limit the evils that flowed from the uncontrolled Windsor, opened a discussion on the desirablenes of repealing or modifying the Beershop Act of 1830, and the relacive advantage of one uniform license for all committee of 1804 , Mr. Baines, M.P parliamentary Wortland, and Str Jobn l3owring took mart in the functmons of the lreensing power, and the quethon whether the trade shonid be open, as recommended by under what cond $185 \ddagger$, or restricted; if the former, aer wat contitions.
The Frencti Atlantic Cable.-The whole of this Sheerness, and on Thurgday a grand banquet was given on board in celebration of the event Great Eastern has completed the task of laying this cable she will return to Sheorness, and commencre pre parations for receiving the Anglo-India cable, which is
intended to be laud berwoen Suez, Arlen, and and 18 of exactly the same length as the Frencil A tlantic cable-viz., $32 \overline{2} 0$ miles.
The Brracha Dock.-The huge iron Bermuda Dook, constructed by Messrs. Camphell, Johnston \& veyed by a squadron of men-of-war 20 h inst., condown Channel by the Terrible, probably assisted by some smaller steam-vessels. It will then be taken in charge by the I3lack Prinee and Warrior, which wil arranked rendezrous, these shadeira, where, at a pre the A cincourt and Northumberland, which will take the dock within a reasonable distance of its destinaby tugere the Hercules will complete the operation, ST. fien it into port
ST. XEORGE'S HuspITAL-A meeting, which was numerously and influentiaily attended, was held on finauoial condition of Rooms, to, consider the present some means of angmenting the resouroes of the charise some Duke of Devoushire presided, and raid that for deficiency last year bavinad expeeded the income, the to meet this defieiency there had been no altem., mad but to seli out anork. Then meeting wat then arlimatived the Buke of Cambralige, the I relubshop of York Peterborough, Arctibishon Manning, the Bishop, of chilel, Lord Penrhyn, and Mr. J. A. Smith, who urisahat it would be a scandal and disgraco to the wealthed part of London if the efticiency of the charity was resolutions in fiminish for want of funds. A series of resolutions in furthersnce of the objects of the meeting as unanimously a lopted.
Faral Fire - On Saturday evening a five-storey accidental brealinenvilio Rosd, was set on fire by the young somen and a clith in an upper storey tw burnt to death, the house in front having a long foresible for the in on a dwarf wall, which made it impos was opened on Tueape to approach it. The inguest MURDER AND A
On Sundey a atrempted Sutcidenear Habrow

 came ont at the forehea
In attempting to trik b
excited state that thie

## sealn, cansing, great the bullet At the inquest on Tuesdey th up, expressed up, expressed his opinion thi estreme provocation extreme provocation, and whiked uy to such frenzy whioh, howerer

 The jurs consuluted tozether wis against thately returned
## Theckly Report Hzalt

 on Satur.lay June $5,13 \%$, bin the neme registered in London and in 13 otherthe Thited Kingdom. The anome
Was 21 per 1000 . Wha 21 per 1000 persons living berge on 19 in Birmingham, 27 in Liverpoo, ${ }^{2}$
99 in Salford, 25 in sheflield, 20 Lo Brai 6 in Hull. 22 in Newcestlo-upon.
ilasgow. The rate in Vienas the week eu ling the enth natw, mad
loo durnng the seven dass ending
London the births of 1090 hoss and 2100 children, were registerest in th number corrected for increase
 is therefore 17 above the estinated amonve

## 3robincial.

Brampord.-
day morning at a bobbin turner's factions near this town, by which 15 percous los were with others romping in the p gasm infant school close by. Amongst the L.
 Joseplh Town, and his son, ated 12,
injured uat a fatal result is feared,
in the neiwhbourhood were destrosed Gribsish - The two missigg coats monc
brothers Traves, who have been commitioa
for the murder of the young man Goids, weite ion for the murder of the young man Goldg, wint ina
week by a searcher who formerly beinaza
 small stature, have been d.sinterred in
Some clue has bern oftaned to a woni Nome clle has been obtaned to a monan
denly dispppeared at IIfigay a fers years bice Mersey for tho l nited States and Canala, with nearly 7 Pon cmugrants on board. The mat and Norbrants were from the German were from Lonjon, has sent out nutar
gration Fund.

## (aneenstann, and Greencastle, Lond

## Merthar Tydyle.一An expas.

 Ferndale Colliery, about half-past $\overline{7}$ ochoci ployed in the colliery, whith is d.sudel trict, where lyo men were working, sudwere halled. 'The men from nher dim
unhurt, and many also escaped frou tha liu anhurt, and many also escaped frou tha 1
Fifty-six bodies fave beea already recoft Fifty-six bodies bave beea already reco
them so mueh burned asto make rengnit The workings are sn much damaged, and then


gsue of the trial Coptein Blate

Bot fire until the magustrato ordered k cytridges were used, and the soldiers sistis With armstrated, Ite did not s quarter of an hour before he ha Tuo men fired into the mob, but not
 AT Iressed the wounds of 21 soldines, 7... led the poiice, 12 of Whom were ittimately adjourned to Woduesday, altimately sdiourned to wodnosdy, oclock, the police apprehendes fuar
Richard Jones, Wil 1 am Gibbon3, an 1 fomer Jones Thes
 - ther Comuts liall at Mold
rialit befire the mazistrates risht befre the mazstrates during rites sul l hay did not constider the annt Tatham fod G.blons, who Go dlweharged. Roberts would be bant, and the other prisoners would be
Trial at the next Flinthtre Assizes tulany would not be proceeded with
mrant rmards removell frum Muld to disturbanoe. The wounded are proFisty soldiers are still quartored
The colliera employed at Brynbo Yaro lifll The colliera employed at Bryabo 3misuruy.-The funeral of the lete Sir A, Olifton whrind on Monday at Clifton under somewhat sicho people were present. The singular lority that attached to the deceased baronet olut few years of his lifir had expressed itseli yind were drawn in hundreds of humble Vit nokham ; large numbera of people, hav$\Rightarrow$ mis...mı, the pmorrat mude a sacrifice to
 at iwer-w, ated by from 10,013 to 15,010 persams. ir et - In $=$ connanation beld on Tueday a re mil and carrie ! by a majority of 30 ; tho votos -1, Chtnus, 21 guns, 1500 -horse her Majesty' on. rout ashore during a fog, on the Eel Ston n. Millombe. She was afterwards got off and Vom. bali she made water so fast, that the pumps F-ahd, and shewas gradually gettling down, when Br. At 10 A.M, on Seturdy the Sootin Gat calke the brokear yart, while the guns ind propertiles were ploged in s lightor At $1.40 \mathrm{~A} . \mathrm{M}$. on Sunday morning the Plymouth, where she was placod in dock a insi \& is fet of water in leer hohl. The ripe more or less for a space of 14 foet by 4 RDI 15 a wrek in reparing.
-On Tuasday afternow a fall of oosl mea who were at worl there at the time the spot.
mas thossar, of Lydbrook, Forest of Dean, zing himself with the murder of a young Jane Edwards, at Usk, about two years Ife teted that. bing in company with the whe heal with an iron bar when they got to
bntso Il then rifed her pocket of 15 s , titien the body in the river. The prisoner - ind in order to give the polico time to make - Tivquities. The result of the investivation, bo Wiv corcoborative of the, has elisoner's statement and tif rimed that the wixull will show the fracture airon bar.

## Frelamp.

Irish Chtrchi-A meeting was held in 1 erry on caturday, to petition against the Irisk
$B \cdot i$, and was attended by about 4000 persons. a Be fast were substantially the same as those Berast and Dublin, with an appeal to the Pam the bill on the ground that it mas a
iany an i parilous lexislation, and fraught Tmetios of serious import to the future of in ar anyime. An Orange meeting was keld on Th an anded, numbering 10,000 or 12,000. Resolufr hat the Bill were nnanimously adopted
hinande Will Cass. Tha The Gourt of Probate in miay mind an order
TEPTED MORDER IN Tippreaby.-John Ryan, it by his stepson, named Burke, on Monday az it is alloged that Burke foft aggrieved at *yuring the form by his marriage.
Ulev azerer.- A printer named Johnson, from
rable doceated on Monday at Corls for ciroulating Ruat then to swant themong the military and polioe,

## beptealiug

berelues to Roman Culbolio soldiers not to terve Tia inentil putanina - An in, weot mas hald on
 Sirect, lublin, imurediapey alter takiag poison, which mathene. The jury found that he died from takige due of poisuous mathethe ampentad by mutake and oonsured tho chemut for meal sente

## Stotland.

Glasoow Univbersity.-Mr. James Montetth, of S, Dule Street, St. Jamed' has iavestod with the a bursery fund, with the view of sesisting students in
 three in number esch of the ennual value of about 16!. and tenable lor three jears.
 Bruyabce TO Ediabubon. $\rightarrow$ The two wom of the moraing end, athonded oy the Prumien Yion-Conrul visited the places of interest in the city, as woll as Roslin Clapel and Castle. In the evening they ditaed at the Consulate, and were alterwardn entortained by nomn they riatio inn Imdutral Mu-cum, and left in the afterioon for the Hiphlende.
THE Scottrait Goldpields:-The Duke of Suther land visited the Kildonan diasinge lant weok, to see a sheft sunk by Mr. Gilohrict on the level rround did noring the fielmadele river. The result howerer reated, a fam partioles of sold being al! that remamen in the dishes after the stuff war washed out. The Dulse did not consider the proupeot mufinient to marrant further procosdingo, had socording iy pati makd that sinkios would har to be piscoutiouch oient to The Duke has been mu,h grasified bs tho diseovery of gold on his extata and has preseated s raluable gold watch to Mr. Gilchrist, the disooverer. Gold has alao been diroovered in the bed of the river Cassley, on the property of Howahail, butherlandmine belonging to Sir James Mathoson, Bart, where the Rosehall is a small entate as the junction of the Cassley with the Oykell, a fow milea above Invershin railway station. Adjoining it are the Sutherand estates of Sir Charles Roas of Balusgown and the heir of the sate Mr. Buther-Jolnestne M ire, lup hichest of the Assynt range of bills ( 3281 eot), and runs nearly parallel to Strath Brora, Stral found gold has boen found in cmatl quantities in the vioint of the oastle of Weasburgh or Kinnaird's Head Ligts house, on the estate of Lord Selcoun.

## 

Patal Gecorsion Telin Acoinent-An exourson train of Wesleyan eohool children from Crewe ran over and killed four boss on the derianion lino at Crowe sbout 12 o'clock on Thureday night. At the asme time and place sn engine-driver, named avilre, had ate and armerit oft hy the Midtand.-On Wednesday afternoon a collision twok plare at Woodesford JuncIon, about tive miles roun into by a London and Yor goods train, which was moved out of a siding. None of the passengers were injured, but the traffic whe delayed for nearly two hours.
Accident on the Beecon and Merterp.-Ad accident occurred on Tharsday at Maesyommmet, th engioe having run off the line. Mr. Kendell, Yoon motive superintendent of the Rhymney liailway, who Wh trying a rev ongine, and an ongino-driver, mame Stokes, were killed, and three othern were injured.

## 3 10.

Cevtral Crtumall Oours.- Tha Charge equelina a chite
 if $43 / 1$ 5s, 3it The detaile of the cura have slready beon notice in inir pratinchat newe. The jury returned a vardict expressed regret ht lantily to para tentence for such a ormo upua a man of hilgh atanding, but justien requirmiship then


## Sporting





 Machel's Martyrdon inat I'or a dronet, Typion, a




#### Abstract

       of aled, the Crown Prizoo of Denmark. Prinoc and Prifome   Pandare beat 1 Bruoe and Beileworth. seocond Yeer of the thets Nem Buennial Baker-Count lietthysuy's Typhon best     anit 2 othors.  Cook of the welt paet Vtetrome Mianderor, and oflern   Finte -1 ancert trant hatis.


## ftartacts.

## COVEMT OARDEN.-SuRe 12









HAY.- Fer Load of 34 Trusees.
fimparial Thuraday, Juna 10.


LIADENHALL POULTRY, to.
The deraand fax belor tho Ancy nverage. The mppoly fooc, but surdery plout.

|  |  |  |  | , |
| :---: | :---: | :---: | :---: | :---: |
|  | 80 | Tine Rabbits | " | ${ }^{18} 8{ }^{6}{ }^{10}$ |
| Tıгксуs ${ }^{\text {a }}$ |  |  |  |  |
| Turky pulle ts | 二言 | Framantis : | " |  |
| Duckilit |  | Haree |  |  |
| Surrey yowim, couple, 10 | 00-140 | Potterel |  |  |
| D | 50, |  |  |  |
|  |  | Fokimam |  |  |

POTATOS-Simthwank, Menday, Ture iave been


Durfig the part woak traide ham heen very drull, And the
thadeacy fo still downende, formers welng zore willing
sellers now that the market is being gradually more and more Curkent Prices of Einglish Wool．per $1 \mathrm{~b}, \rightarrow-\mathrm{B}$ ，d． FLEECES－Souttidown hoggets
Haff－bred ditto

Haif bred ditto
Kent Fleceos
Soutbdown ewes and wether
Combing
METROPOLITAN CATTLLE MAREET．
Mosday，June ？
There is a considerable increase in the supply of Boaste，and number of Sheep is aleo larger，and there is and improvement in quality．The weather having set in suddenly hot，causes either for Lambs or Calves．Our foreign supply consiets of 2627 Beasts， 9430 Shaep，${ }^{2} 62$ Calver，and 15 Ppgs；from Scot－
land there are 121 Beasts；fron Ireland 50 ；from Norfole and Suffolk， 000 ；and 452 from the Mdland and Home
Beat Scote，Here－ Beard Shorthorai 2d quality Beasts Hall－breda Do．Shorn
Beasta， 430

 8 Cambe



Thuraday，June 10
We have not quite so many Beasts as on Thursday last choice qualitios are scarco，Theres are better on the average are，however，in demand，and a clearatice in effected at rathey higher rates．Trade is still dell for Lannbs，and thers is scircely any fmprovement in prifeas．We have a inrge supply
of Calves，prices are lower，and neverai lots retnain unsold． of Calves，prices are lower，and neveral lots retnain unsold．
Our foreign zupply consitats of 785 Beasts， $3: 15$ Shcep， 503
Calves，and 10 Plo Calves，and 10 Pig
Best \＆eots，Here－ fords，\＆ce． Blar thorna $^{5}$ 2d quality Beasta
Beast Downe and Hest Downe and
Half－breds －5 8－6 Do．8hom Beasta 1090 ；sizeep and ．．．Calree

## MARK LaNE．－Monday，June 7

The supply of Wheat from Essax and Kent to this morn－ accepted the prices of this day se＇nnivit but a the have

 latted lato rutes．The Oat trade was quiet，Pens fully sup－
porte some nstances a reduction of 3d to odd per qr．what，suboultted to．
Flour was firmly held at full prices．
 $=\quad$ Nofollw ．．．．．．．


－scotchand Lincolnshiro．．Potato 25－33 Fced RYE Foreign．．．．．．．．．．．．．．．．．．．．．．．．．．．．38－30 Feed
RyE．．．．．．．Forg
$388 t 040$ s．
Pigeon
438 to 47 s ．． W
Tick 42－43 Harrow
 Matze．．．．．．．． 41 s to 行s．．
$\frac{\text { Matas }}{\text { Flour，}}$
Flour，best marks delivered

## per barrel ${ }^{23}-27$ Per $\begin{aligned} & \text { Canck }\end{aligned}$

## Fridat，June ll

Excepting one or two days＇rain in Scotland，the wroatber Here has seen fino，hut，and dry during the past woek，but sinee reporta of the growing crops having beca more farmurah） l ，
owlug to the warm dry woather，and millers no well owlug to the warm dry woather，and millers no well ns deaters
having lataly wought rather largely，tho marketa of tha kive
dom bave once more relu dom bave once more rellppued
qro，businems being rery rentrit ted save given way filly 19 por prices to report，still those of west late no general tully in Were pulating upwarda．Flour thet very little attenticon，Pea
 for saich，with nighe left over from last welk，thero remained
supply ofr the coast buaginoes．Owing to tho very snial Yeatricted，but prices were in sollersi favour for Wheat been Jrize．Caryoes in course of thipment，or to be despatchad in per ard must be quoted ls．to ls．©d．per qr．on Maizo，and 18．
 was a moderate attondance areign theat mond Outs．Thoro Monday＇s enotationt fresh up and remaining over brough Monday＇s quotations；for foreign the demand wae limulted， Inferior Oats werc rather cheaper ；other dercriptions of pring corn unateres

Manc amanare，June 10－With a favourable change in the and in active mitl last report，the trado hias arith he eme mall a good attandance at thio day＇s market，and the litte Hewna Leat offering wan taken at a decline of la per lite Euglifh
 favour of buyers，Osts and Oatmeal dull at late rates． ateracies． May $\quad 1$
$=18$
$=22$
＝ 23
Juno 5


## CED MARKET

Tho attendance at our markets has this weok been very thin，and but very little business hns beon passing．Valucs of the present moment buyers show no disposition to operate Of new Red Clover seed the 日tocks during the past seas，
wero reduced quite low；for what little has been held over
hold holders detranu toore money．Advices frum Germany
 finir inquiry for Canary nand IImemp ree
moves off stendily at recent quotath

## JOHN SH：10 d

METROPOLTTAN MEAT MARE
Best Fresh Butter


YOUNG GENTLEMAN can be TAKEN on an exten－
 not as destred．Oood Hunting，Shooting，and Finhing．Onit．None hou

W Pall kideung Man who thoroughly understands the Propain



W ANTED，by the Adverlisers，for an Outdoor and PRopagator a fust be a plain，intelligent，honest Man rery indtustious，of sood chnructer and ans suceasful Budder and

IVANTED，for a Retal Nursery，a FUREMAN，who ALESMA nalso undertake the duties of FORNISAER and
 WANTED，af SECOND GARDENER，a Bober


W ANTED，THREE or FOUR expert and practised

（YHARLES NOBLE is in WANT OF a YUUNG MAN
 W ANTED，A TRAVELLER，with a Connection


W ANTED IMMEDIATELY，a COUPLE，without ouldron，to 11 ve at a lodge，the Wifo an Dalignand and

WANT PLACES．－Letters to be Post Paid． W XPERIENCED GARDENERS（or as GARDENER Gentiemen．－Furthor particullari givm on applicailon to meanded M．WM．PAUL bege to announce that he has made



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## $\int$ AMES CARTER ANLS CO．lining ruarl ，drplicationg <br> 

ADy Lady or Gentleman requifing GARDENERS or BAILIFE

W3．CUTdeners and Under Gardeners．
Whare atliusi and $80 N$ beg to state that they


GARDENER（HRAD）－Age 36 ，married；has a


 G ARDENER Noblemen and Gentilemen．
Marquab of Do Hoad Gardonor during the jast threo yeant to thy


（ ARDENER（URAD）age 42，married．－T．ToDMAN，







（ARDENER－A Lady
Ing．Haritener；underatinder storna is Grandener（Under Head）hit

 Gr ARENER（UNDRR）－Ago 22


| To Norgaryman and 0 tion <br>  <br> Hondersom，Weilimgton Nuruers，Sk Jothe <br>  proctical Man Twents－ATo reare Hy bridisting，oce．Refercecess as 0 o Sear the strictest，invest．gation，－Aditrest il |
| :---: |
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AVELLER OF Sursery and Sed Thit
 SALESMAN or TRAYELLER－IF
 25，Grosvenor Bq guarge w

THHE＂WO Sauce－Lea \＆Perrin．
Connolsseurs＂CESTERSHIRE




 W HEN the HAIR，throuth welkny，


 CORNS and BUNIUNS－ 1 mation by which he obrifined therr ourplese then
 DINNEFORD＇S FLUID




1
COCKLE＇S ANTIBILIOLS THE Safest
FIMMLY APEHEST

## 

 in use the iast $\cos$ yser

## OCKLE＇想 ANTIBILIU

BILIOUS AFPICTIO，
COCKLE＇S ANTIBILIOTS
$\square$

OCKLE＇S ANTIBIIOTS
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## The Garomerg＇efromicle纪的gかaper。

SATCRDAF，JUNE 19， 1869.

## Puentrectible Terra－Cotta Plant Marzers

ITM AND CO．＇S PATENT．－Prices，Printed



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## NEW OVAL TUBULAR BOILER，

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－．－－．．．
Ertract from Report in Garmeners＇Chronicle of International Exhibitom，May 24，1802，pago 476.


 This They are made of all stzen，which，with prices，may on had on application．

JAMES GRAY，HORTICULTURAL WOI：KS，


$\mathbf{S}^{I R}$ J．PAXTON＇S PATENT HOTHOUSES for the Ill，strated Frice Lists，with s zes，se，free on pyplicitinn APSTMMATES SiVEM for CONSLRVATORIES HEATING APULTVATION，post free，13d．
heremas axd holtur，t，fhl Yall East，Lom lon，s．t．
Works in London，Gloucester，Coventry，and Scotisul．

$\mathrm{H}^{\circ}$OT－WATER APPARATUS of evtry deseription，

J．JONES $\triangle$ KB SONS，© Bantelde，Southwark，London，S．E． CRANSTON＇S PATENT GLASS EULLDINGS for


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 TEEREASO：＂
THROTTLE VAL̈TES

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M Watimates Priced Lredit Ligto，whth termos，per post． AW ANBCO．＇S PATENT TERRA CUTTA PLANT
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if－acting siring roler outydo SIIUP BLINDS，fitted on the improved
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 The best Bhading is＂Frigl Domo Kem，造o．
 applined．It s adapted for all Horticuttura and Flortculturnl

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Vases and Fountains，for the Garden and
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 TOR BALE，an 8－Hore Power PORTABLE ENGINE
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Erizes．By W，Woop， HILLIAM WIDG

THOUGHTS on FREE TRAJE in LAND． By W！Lhiay Fow ien，LLEB．，M．${ }^{\dagger}$


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0
Phe Viceroy of Eglit．－Lord dith been appointed by the Queer to attend on th Fiay pt，who will land at Dover on Luedy arrive at Buckingham Palace on the asua at the review at Windsor on the pasce． he will probably visit the Crystal Pasad． She Cabinet，－a Cabing in Downingreet．
PARLAMMENTARI MOVEMENTS－Tby Nottinglami terminated ou．Tue dad in in an
 4697 to 1517 ．Colonel Vissuu Los
Potter had previonaly mithdrayn from
 been given that the election petition $1 x$ ： Hyde，which was apponted

 tho deapatrh of businesis
Bushop of Jily premeuted： men，inchiding High，Iow，ind licotid w praying that some modilucat．0a the Athanasian creed．Ala The fre terbury having presented nariva Bristol moved that the Archbisuop The commanicute order that the conil lerstion of then been be Louse the report from porance，presidel over by arohdes，
considerad．After some discussion， Crown praying her Majesty to

##  <br> and welfare of her Majeaty'e rubjects is the Lower Hou*a, Canon Bale

in the Lower Houw. Canon Belwor
 is. |sintion th the refuasal of tirn
 etillatheally thentired that he mould atel fir the disestablishment of al finmm llahenter moved, as ant of we ali-questlen The bean of C'anterbars nin +iducht, wholl was sulporled har: inl beter sat ! rehlewen Sandions! (in chan wes then adonteri, brasitig the lime - lepa to obtann the cimsent of the Irish Convonation to assemble. Un the lyper House, a gramamen was air brime Pariament, but inetr the todeal with it at present Ithe lbatrops
 Sembe of the lawir limuse tat examl ler if Ally
 -r to man it is mais brotasht forward the orar amon on firn nes lay to allw it dimelassaty, Witu a Fiew to
 liouli be hasclaswed, and after a long

 the rirthoniox Fistern Charolies, as


## fforetgut.


 Ilshuess was recenved by the Luperor at tut Tullerits. The disorderly woenes fap,nt1 inst, on the Boulevards des Italiens Wintiartre. berd nus songs and cries were 1 arate masses of people were consregeted. in faters wert elomed exrly. Patrols of
If fatry traversed the streets untal halfhatry traversed the streets untul half-
has mang. The Provy Coums and the The Provy Coume and the Ion Fridu rarralug. The Erive durime tho day, at No ifrean w.th Prmee Napoleon In the afteris 1 lam liunlevards da Sebastopol, Saiat Denis,
 nome fon with mumelicheering, an I their carriage wag

 (t) 1 [bern iseveral times charged and ilinpersad Antma, indathtants of Belleville, the linabours ersed mars of of whom themselves arrested the am whin money, which is sad to have bond the lisuleyards some unkown persons, At midfet and the oavalry were withoraro nki lassed orver peacenbly* On Siturday were zo divat orowds in the boulevards. Though an speat orowds in the boulevards. The open as ueush. Patrols of if efryyibug in tha quiet is all parts of the city a ciablonces wat A qutes and Bordeaux are at an * re pmowed on Wedmesiay with fromt besulta
 W Trmers s ho had been lrying to prevent others Whas, hore returning to the town, they were
Whath with stones and pistols. The troops herp itpr upnon thenr assallants, and put them to
t. Te: s lle miners were killed, and 38 mnite 1 ise miners were killed, and i33 mule soldiers The ronkac, commander-in-chuef of the army Therrits, but found, on his arrival, that the the whiriay quiet. The foarnal ulliciel ways Chimate, what that provoked and ancompantied the
 (4) inte-l roty etanators of the disorders. The * au uraued by the Emperor to M. Mackau, member 7

[^58]



## 








 arrvel on Friday at san Luar Barrameda, their sumuner restdence in Andalusia, His Hoysul lighomes Las sent $n$ communication to the ciovernment, in $w$ hich, a mizen of sumin and a captan- moneral of the
 Trint haent Curber In the situan of the Curlation




 therlares to be the mals ice phatac cand, stle for hauld cente forward in than peemt tate if therr-



 Mex cans whom a lepuety hal syminemi of teetrowat-





 misonatere it the traitional feelluter of the



 The Regen "y litl was aubsequently preed by
 Tom the crupmo of the Pable 12atte, cactione of



 of Thurslay there ${ }^{\text {nis }}$ a stormy werne hitwom thed that no prosecutions would bo hul azamit
 tion, buthe, as Mniniter if War, n. had remore them from eraphy, and the fayarnmont would rewrive a rich to to rike thenm of the rill. The Mininter Susata added that meet ting in which wrece lieesi han ners wh th
 ive of and enntraty to the (iontitations Senor Fizueras replied that the Roquhi, mus monll sumen in Fizueras repline that the Ratolutumn, coust what it Would. (ieneral Prim demanded the neeminas of these would. Gienemal Prim demphnted the meaniant wisho legal grounds, for to arpeal in furce while they remained was a rrime, but when they herame necless, and indrividual rights were attarkom, muthated or pram-
bited, it was unt only a risht hut a duty Thr Cortha having appointer a amiluter of sitainform Mirahal
 to the Cortes an a anouncel he aceptane The ecremeny of ha swearny-in bofore the lurtes was to take place 3esterdyy.
Pobrtrdat - It is reported that the intended marriage of Prince Augusto, brother of the Kiuk of Portuzal, to the second dauk ITM Fernandu bis Aontpensier, has bedta formerly Nalame wimster The Chamber of l)cquitues on the 10 int inat, after a protracted dirwusalon, passem the Bin mon
 Queen calle
Sienbanaa
 relative to the atbolit on of umpriwnment fore labt. In

 sas pasced by 3 the ti3. The Government bas proposed to the Kine to dissolve the sensto in consecuence.
its having thus rejected thie Bih for the second time.


 drank prosparity in the efts of lisemen il lecamuit





 Monty la Austria.












 Chamber nu"




 has not yot boov arreated altemptod in the putblic Thn furniathed before the parliamentary commilter of








 Thartay, Crant ('anatorny lhisny , carmumestod
 fiman la, sons ant artix whels had alreaty beran reperted
 the Parlazment far an molenatre ters

 Fritualime nomerama have lemi fivand emly fir wiry

 rem. 1 in lin-tr:


 says that such invitations shrizlid emauate from the
Sultan, as the duzerain of the Viceroy. One of the Sulann's wiver has given birth to at Prince, who has been named Mehmed Chilket.
TifB Priveiphlitifs, - A bill for a luatl of


 the coty, and conamiteal krat dostria tam amonu the



 atale that fotenep indirmation has been aroused throuzhout the forelen rommunities in Clina by the ther-iun Formosis. The comments of the lhus of sumuerset

## THE GARDENERS' (IRONICLE AN1) AGRI(ITTURAL (IIZETVE

have elloited most indignant deninls from the Press,
the Chanber of Commerce, end the mublio. The the Chamber of Commerce, nnd the nublio. The
fracas hetween the French charg' $d^{\prime}$ affaires. Count Rcobechourt, nond Prince Kunr has been settled, the Chinese nuthnrtics having apolowised. Victoria Legislative Assembly who were lately expelled for bribery have been re-electpol by therr constutuencles. The "assocated bribers" "wero declared pullty of breach of The Judges, however, dcclared the warrant of committal invalid, and ordered their release. Parlament intends to appeal to the rrivy council. A tiavo in the South Sea. The slaves have been released, and the vessel sent as a prize to Sydney
Neiv Zealand. - The Duke of Edinburgh had left Otanedin in the Galatea for Yelson, Canterbury, and at Dunedin Srom Xapier, stating that Ensign Lavin, his wite, and two children, and Messrs. Wilkinson and on the Sunday preceding by To Kooti, with asout 40 frienciy natives, principaly women and children, On
the list , part of the force from Napler reached Mahaka the 14th, part of the force from Napler reached Mahaka,
when $T e$
$K o o t i ~ w a s ~ f o u n d ~ t o ~ h a v e ~ r e t i r e d ~ w i t h ~ h i s ~$ plunder the day before, having lost about 10 of bis party killed. He burnt the settlers' homesteads before retiring. After leaving some cavalry anl a part of the Norce in the cistrict, most of the militia returned to settlers', familhes betreeen Molaka and the suburbs of Napier (a district of about 40 mules) had taken refiuge in that town. Accounts from Australia state that the later newss is more favourable
UNTTED STsTEs. -The WV
of several prominent iournalg stato correspondents of several prominent journals stato thath President Grant has expressed his disapproval of the terms and
tone of Senator Sumper's speecll on the Alabawa claims, and has given his opmion that if war with Great Britain is to be rvoided the question must be settled through courteous diplomacy. The Givernversion of Mr. Motley's instruotions:-He will explain to the British Government the circumstances attending the rejection of the Alabama Treaty, without com-
mitting America to any particular policy. Mr. Motley is not instructed to propose any setterement of claims, but to secure the temporary postponement of the
question, hoping when 1 he presentexcitement subsides that England will invite renewed negotiations. $\mathrm{H}_{\mathrm{e}}$ is not guthorised to announce the readiness of the Trited ment of claums, but to urositure the Britisl Gormand the payof the sincere desire of the T'nited States to have the to both nations. $H e$ is also instructed to state that the Neutrality Proclamation is not in itself a cause for demanding compensation, or a separate ground of complaint, but that, taken with sabsequent nots, it America durins the late mar. and resulling in losee refpuring repration. The frimaly reepyt.on of Ir by the Awerrean Iress whed now adraits that the I roMreatly over-estimated on both sides of the Atlantie. courts in Baltumore Pras warmly welcomed at the hy Mr. Boutwell, Secretary of the 'Treasury, and Admiral Farragut, arrived at Boston on Wednesday escorted to the Clied Cytol by a mollitary gruard of tate, and Complimentary addreseses were dellvered by the
 thanks for the cordality of the wellooine relurued him, acknowledging that Massaecusetts bad largely Thursday the President attended the Musenidency On Jubrilee. The Ptasident Lettended the Musical Poeco ratified the Negro Suffrage Amendment. The Suprome Court of Gegro Suffrage Amendment. The Supreme eligible for oorkice in that State. Mr. Seward is about to risit Chila and Japan. The Government and General Sheridan las kone West to take the command. Addrtonal troops will nroctect the Pacific raised by General Schofield. The Indians have burnt it and killerament wazgon Graís in Arizons, A vessel, equipned with wirs and wounded three. insurgents in Cuba, has been allowed to escape from had on board arms for 5000 men and 10 pieces of matarial for the Cacos rebels of Haytileft New York A Wednesday nisht. Colonel Ryan and other Americans, am? sereral ('uhans connectel uth the United Statedneadsy, under the indictment of the Ugited States Circuit Court, for organising expeditions Canadar, In the House of the neutrility laws. resolution proposing to grant an addetional Saturday a the Beotia was defeated. In the sitting of Monday the House rescinded this resolution, and granted the subsidy in question.
Nofa Scotr.- The House of Assembly on Saturappeal to the Brution authorising the Government to the legality of the Compeleration with a view to tosit however, afterward= resinded ita resolution, On delivered a speech, expressmg hiz belief that the nolicy Which had beea alopted woulr I perpetuate the feeling
institutions, and would, moreover, remove the evils
which had retarded the prosperity of the province. It is asserted that the Repeal League, establislued in
Halifax, has resolver to make annexation to the Untted States the platform of their policy.
Bhitish Coldmbia,-Mr. Frederick Seymour, the Governor of British Columbia, died on the 10th inst whint inspecting the coasts of the eolony on board the member of the Council, has assumed the government pending instructions from England.
C'v゙H - - Acoording to advices from IIavannah, The muldegenta have burnt the towns of at lluevita Camerones. The atent of the Caban it, surgents a
Washington has aikn tho Government to romenise
the independenco of Cuba, on the grount that, (foneral Dulce having resigned, Spain now has no regalar authority in Cuba. Secretary Fish has refised the reçuest, on tho ground that Spain contros actually achieves independence by driving out the Spanish troojs, and that changing the CaptanGeneral is not an abdication by Spain of the govern ment of Cuba. The Spanish Minister has sinco
United Stateen cud Spa of e bresen of falth towards tho
United States and Spain, by recognising thabelligerency of the Cuban insurgents after accepting with Spain
the mediation of the United States, Spain, therefore now regards herself as released from the terms of her acceptance of the mediation.
Brazils.-The Brazilian Chambers were opened on ole 1lth May in a speech from the throne, in which were recommended. The Princess Augusta of Saxe Coburg-Goth gave birth to a Prince on the 2lst inst Advices from Paraguay to the 7 th inst. state that the Brazilian iroa-clads liar proceeted up the river Mandivara, a distance of 00 leagues, and had reached Carigabatay, near the camp of Lopez, but, being short o pers and the water shallow, they had to suspend rurtaer board the ships had been made by the Paraguayans The request of an English ofticer to carry despatches to Lopez through the lines of the allies has been granted and he has returned with despatches from the American Minister, Genersed M'Mahon
Mexico.-It is reporte l that extensive gold fields have been delivered near the city of Colima

## మaxtiament.

Is the IIouse of Lords on Friday the Parochial Sthools: (Scotland) Bill, and the Metronolitan Commod passed. The New Parishes read a third time ing Acts Amendment Biill, the Beerhouses Bill, and the Election Commissioners' Expenses Bill, Fere read a seoond time. The Recorders' Deputies throuzh Comantoe. (pa Whitas, on lie ordire for
 was crowded to excess ith every part The nttendance of peers was unusualy numerous, nearly all the
members of the Episeopal bench, including the four
 thronged with ladies; the diplomatic body mustered in great force, members of the Cominons were literally packed in the space assigned to them, while the
strangers'
tallery was nverflow ing The proceedings
 attention to the 1 ion petitions presented against the
Biil during the last fow days aut Bit during the last fow days, and suld that those from
Manchester and Liverpool represented more than
 muved the second readng of the Bull, and deceribed
detail the neocssary. He admitted the value of the Act of Union, but submitted that it had already
been impugned by the. Church Temporalities Adt without any evil result ; and that if the present meat sure were passed, Ireland would be placod in precively the same position as Scotland. He emphaticall denied that the $13: 11$ was an assault upon Protestant ism, or that it was intended to lead to a s1milar measure against the Church of England. He fully acknowledged the power and independence of tho
House: but powerful as it was, there was one than which it was loss powerful, and was one thin expression of the national will. The Government Could not, it was true, surrender the priciaple of the welcome any alterations in its prepared not only to appear to be improvements, but would deem alterations their duty carefully to consider site of Hakrowny moved as an amendment The Far be read a sepond time that day threo monthas lie ohjected to it on the wroun l that it whas a resolutionary measure, in opposition to the moronation oath rad the justifs its introfuction. The Barl of Clakenvon and
 boby sald that upon the decusion of the House depended issues which mizht affect ont only huse
Cburch of Ireland and the Churrh of England, but Cvurch of Ireland and the Church of England, but thnugh thestinies of the empire. The episcopal bench, If poase, desired that to so altered should be fair
into a pood measiure. He thought that the Unoure comprising as it di 1 the heads of the law and the Church, the intellizence of the nation, and the great landed proprictors, was far more likely to come to a

## tumultuous meetings <br> Farl of Card Stratrord ia

 slons of the bill, advized upon themselves the Conmitte on the ground that it sof Dering that it ignored the lice upal suppeme the clergy and latty, Fiolated d On l'uosiag the debate the domanos who said that whale he homa Bill a recontl time, he pquatir Regardiner the verdjet of t be prudent to set themel woumination, for if ther reases in of they might possibly bave to them in thenable form, The Archossh Church hand been treated manner in a The Bishop of ST I, as hard, uneeoerne The Bishop of ST I'ivid's sa ditat to Chis opiaion, as appled toChureh. İe had long been of reljrion and political pence, bad beed motiog brotherly love, it had anoent ses He was, therefore, prepared to sonpore reading of the IBill, althought it FORD denounced tho Bil. rights of property, and alike dangernsa and impolitic. Lord PF:Zisy I ense of that the Bili was constuthitum to defer to the judgment of the masue as violent, unjust and spoluth be conson and the very reverse of 1 ative, bark es had nevertheless decided. Gladstone:? grmendment, because he could not conam that the country had pronounced ito ter. question of disestablishment, and that the b The Brahon of Peterbonoraम dicu: tho Bull as necessarily a violation itself an attack on the rimhts of provater he warned the Houre geanast lettre t: property of the Irish Church be infrow that the reason that it was comome foreshadowed an attack on prifate prom
sacrilege naturally preceded Communk the partice and polisy of the 131, 200 demanded by public opinion The vent at had been obtwned by most unforthr the most unfarir and malignant representa DE GRFY and Ripon shobe at enmelent Orl 'llursday, in a House which mss amar Mulisterg every part, Lord Carkis pu. 1 Board of T'rade lately read at a puble tim mungtama. In satd that jt contained the Cppostion to the will of the nation, tha: Church Jill were rejected it mint
whether the IIntise should contate a stitution, that the eonserquence measure injogt be the overthmof of the
that if by the rejection of the Bill tree should happen, it would be to the
people and have emanated from Manster of all partucipation in them Eurl Gramm no member of the Government, erceft is seen the letter before it appeared a resinonsible for its view disonntenanced agitation on tals ration and especially of a recent tu s.luare Mr. Bright di
of a thrent of any of them. Earl GRET mith
said that the letter of hr
the himhost dearee indecorous sad im any Minister of tho Cr ing to the very prine
that it desporled the antagonstic to the
linon, he attributed asitation which had been destroying the un,on both countrie


warall brea

## mart of the

a iderel,
tim Duke of Disvonshibe,
 the Bishop of TVAM opponod the Bill Irish Church, nad rejoiced that the question ha How when up in such a way as to awaken a feel Efock, which ought to settie the question, was Itia of the population of Ireland. The House of Commons on Friday the Bank sil was erain considered in Committion, and memes was made in any of the clauses. After $\rightarrow$ i.... non a recent conriction of chuldren by t. deelar.uद tuat certan third-class clerks in $\therefore$.rits wern entelen to the seale of pay secured
 divition by 107 to 04 . Mr. Bruce, in enamor to Mr an 30D, stated that the scope of the Judicature Com on "ull heextended so as to embrace the County
 in lit wistic Salaries Bill and the Oyster and
and On Monday the House went into the Londumed Sohools Bill, when Mr.
mint ans ampendment on rlause $y$, ingaswlie for the Commininnprs to atter
 1 he amendment was

 arested with a aity guild or corporation, unless the 3 Commissioners should report that they had been rinirasn (On claugo 12 Mir. Winterbotham I. M.emedment, empowering the Commissioners ". mes tus mike proviving for girls' education trann. Chure 2:9, empmwerimg the Commis
 objects, was agreed to, with the addition of Mants for loans and apprenticeship fees to the
tarities liable to be so dealt with. The remainlamendment. Mr. Noer. mored that any Hamendment. Mr. NoEL moved that a new .innaess, unseated on petition. sir G. GREY a- sn amendment, for lesve to bring ing Bu! ason the motion for the issue of the writ was 15315 to 169 . A motion to adjourn the 4 then made and negatived by 178 to 76.
motion for adjournment having been Government gavo way, and the debat Grey's motion was adjoumed. eonideration of the Bankruptey Bill in Committee trived to the remaining olauses, except the lasi doflices. The discussion on this clavee was Prisc mond the Chairman reported progroas, i. in th the cxpediency of obtaining an early report ato iae duration of our coalfields. Mr. $\boldsymbol{H}$ , av a member of the Commtsston, said that the was nearly complete, and that in rearard to the
Thestion it had alrealy proved that an amplo Tuestion it had already proved that an ampl be $t$ roalthed were exhausted, and that, practically, $n$ poneratioflal. After some discussion the motion athootion to the W. GALLEWEY then proceeded to khone and Boulogective pacoket servico between On Wedneaday Mr. Wriby moved the secund hid Wha to make Adulteral the Bill, the object o anthatricultaral seeds, or the sale of theru with Mowe eilce Mr. Byiguz admitted the reality of the Buath nethnut inquity. After some discussion the
 its Municipal Corporations (Metropolis) Bill, the
ith of of whit in was to oarry out the ides of Mr corporation for the whole
 1.me that day six monthe. After some read Mr. Bruce said that the question comld only were remolved to deal with it at the Mr. C. ReEvent. The movel? the second reading
 Winoxempt those places from local taxation.

- 1811 KY opposed tho Bill on betalf of limernumbt them by a majority of $15 \%$ ing was carriod aghuat
 , it. r hal heen writton oa hre own responstbility and sith it chmmumcation with his colleagues. and fore by chregt, dictalline fram their intathtion to miterfree action of the Houss of Lords. The sdjourned debate on Sir G . Gegrs motion for leane to bring in s reminat by Mr M1ENLMT, who objected to dia-


 Commuttee of supply of 1.1. Army Estimatos and ampudel, wha consulered and auree! to Fisheries Bill was withdrawn. The Endowed Hoppitala (Scotland) Bill passed through Committeo. Yesterday the house went into Committeo on the llankruptoy Bill, commedoing with the olaus providin: equal to ther full malatios.
an amendment to strike out the wordo $m$ during truder that the Commissioners hed prealold right in there oflices. Mr Granstoser denied tha existemee of a freetholj, and crprewed has hape that the clowe of the discussion would witness the explosion of a great ears independence of judges. He thought that the full pension should be dependent on good tonure, length of Mr. WABD HONT concurred in this opinion. The olause was then postponed, and the Chairman reportod progreas. The House was left sitting.


## (Titp Intellegence

Money Market, Frtoay, - l3kitiati Firnos for Arcount : New and leduecd Three pire Cents the (o Dast, 13 ank Stork, 242 to 24: Exehequer Billo Indi nine, 81 to 811 : Egyptian (1801), 88 to 80 . Ditio Argen 78 to 781; Itallan, $55!$ to 50 ; Moxicmn, 12 E to 18

 95 to 96 .

## fitctropolis and its Vicintus.

## Court of Aldermen at Guildhail, the Lord Mayor, pur-

 cuant to an ancient cuatom, nominsted, as one of the sheriffs for the ensuing year, Mr. James Vallentin, t the forthco ming election on Midsummer DayScibntific Expedition.-Her Majesty upine has lentroomich or the on a dredging and scientific oxpedition, under the
 expedition. Mr. Jeffreys will be succoeded by Pro fessor Wyville Thompson, and the latter by Dr Carpenter. The investigetion will comprise the North Faroe Isles.
 staraship left the Nore on sunday for llreat, for the purpose of laying a telemraphic cable between France and the United States. The groat ship is commanded on this occasion hy Captan Malpia, who was Anderson. With the Fresch flag at ber fore sind the American at her main she threaded the intricato channels at the mouth of the Themes, and passing outside the Goodwin Sands, arrived in Portland Roods at 6 o'olock on Monday ovening, after a splendid run, during which there was no incident worthy of mention. She immedistely began to talre in her conl, and will tart to-morrow for Brest, where $x$
take plane in honour of the efint The thore end now ready to be splicod to the main cable on her arcivel.
The Woolwicti Duckyird Emigraxis, - A special meeting of the $W$ oonwich Rehet Committeo was held on Friday, to consider a lotter from the Lords of the Admiralty, revoling their provious intention of The Relio Committe havo but are much perplexed for want of funds
resolved to take dowa the names of all amplimants, and weod them down afterwards, scoording to the amount Time Perila ne the Stlieetr - Mr Juatice Mellor, in desling with a pase of furrous dr.vine at the Central Criminai Court lat week, sum that that was an was meant for their oun use alone, and that perdes rians who ventired uphn it were
erespassers, entitled to no convi leration whatever. oot passengers chose gool and well ; but they mast not expeet any vehiole to slacken or disorder its pace on thelr account. At their to the other; and they muat socept whatever
consequence might recult from roing of the pevebefore bim lisa the corrimo-wy wes cumm is frosperty, open dike to driver and pedex cam and that every men wat bound to erercies his night with ounExplosion at Hol matow

 Harvey, at Hansartis beur IFundian Three of the Workmen, a lay wh. war ruluz psat, sud the horse.


 demage wat doae to buildings.
The Fatal Firgat Penfonville,-At the inguet Ths flre the tur taree persons who low harifie in wore eocidentally killod by the fumes of parenima, and eppended the following note:
add we are
int thel ief "pinton that piat of the denartat to whet



## 




Tris Harnow Mulpase-Oa Monday lewis Mudson, the landlond of the Cbequers at Alperton, near LIarrow, wes brought befory the Hemmersmith police magialitite, on the oharie of murdering hit wifa. The coronor's jury had returned a verdict of Manslaughter, chiefly, as it appeared, in conmequence of the Reqravering conduot of the deceased: but the makitrate mitled tho oircumatanoes mo menous that hen Mreore in on Saturday on the body of Meary Jobunon, who died from injurice inflioted on him some daya bofore by a Or, called James Priday fortnight loallon ealred at the tomp nescof dreensul fir wompe maney, atrid after rematming thern fir a short time the nevise of a

 wounds that they hare sioco proved fetel in the honpital. A brother of deceased axplained to the jury his sesseilant mont it in s not so in reslity. The docosed had mercly in ... is is lend the other Res.
but had not kept his in i Murder was returned
Whe Public Mgateri. - Tue Reg ntrar-Generalia Weorky Report atatos that in tho weok thet anded on Saturday, Juze 12, 4262 birtho and 2997 donthe woro
regintered in London and in 18 other lirge towns of the United Kingdom. Tho annual rate of mortality Fran 23 por 1000 perxisns liwing, helng 21 per 10 KH in London, 85 in Fdinhurkn. $2:$ in Ihuhlin, 21 in lisistal,

 thin week eal ling the th mot, and in 13erlin $33^{5}$ per
 min children, were resistered in the weak. In the number, corrected for sui reme of prunation, was 2itse The dentha registered in Ion lon duriog the week were I but It was the 23 , week of the year, and increase of population, was $12 \%$. The preseat return, is therefore 3 \& above the estrmated amount.

## 33 robintial .

Bigmingray - A roowded meeting was hell in the Town Hall on Monday, to coossider the precent prospecte of the Irish Cburch Bill. The Mayor presided. The Town Clerk resd lettern of apology from the
borough membern, The lottor of the Right Hon. John Eright was as follows:-
 unable tic wi"
 but for thoir infatuation, might have slumbervd for many
 10n in one Zoune for agiven policy, and a mafortty of ing in






Mir. Thomas Lluyd then moved the following reso-
"That thin mooting is of optnim that th, lrith choreh Fhilk

as declared at the ${ }^{\text {nite }}$ general election, ought speedily t
beoome law,
He urged atrongly that respeot for the national wil

He urged atrongly that respeot for the national will
domanded that no obstruction should be placed in the way of the Bill heing passed into law. Mr. Joseph Chamberlain seconded the resolotion, and denied remotion. Mr. S. S. Lloyd rose to propose sn amend ment, and for more than an hour stood in front of the Matform without being able to obtain a learing. The Mayor made repeated appeals in his favour without eficot, and Dr. Evans, who was to have seconded the atmendment, Fras ordered into custody for entering a the resolution was adopted by a large rajority, as well as a petition to the house tant lecturer, had intimated hia intention of being present, but he was srrested on asworn information other larye meeting was held at of the meeting. Anthe Town Hall. st which resolutions were carried in favour of the Bill. On Wednesday Mr. Murphy was ing the taeeting with intent to create a disturbance the arpast had, the presiding magistrate, deoided that Mr. Murphy, who intimated that he ahould tate proceedinga against the mayor, by whose order he was arrested.
Church Bill A great demonstration against the Irish Church Bill took place in this town on Saturday, and Was attended by about 6000 persons connected with the in the dieighbourhood. The Rev. Canon Powell, vicar Bill was one of spolistion meeting, and said that the Bil Was one of spolistion, confiscation, and robbery, and struck at the very root of the principles of the about the disendowment clauses until after the election, and if the Bill passed it would strike a blow at the
security of all property. Mr. Councillo Richardso moved the adoption of a petition urging the House of Lords to reject the Bill on the second reading. The Rearried. Three Bet seconded the resolution, which was Carried. Three cheers were given for the Earl of Derby. Lane, the son of a farmer of the parish of Llanvilsangel Who appears to have cherishel a spirit of batred against his brother-in-lew, a small farmer residing at Kilgwrey, proceeded to the farm with a loaded gun, intent the house he was disappointed to On arriving at brother-10-law and sister had leit for Chentow an and, to gratify his revenge, he turned out a serket, girl who was in charge of the house, locred the door, and put the key in his pocket. He then drove his brother-in-law's cattle from field to field, and on meetgoing to work for his brother-in-law, he shot hime dead buther and Healer named reloded the qua, and fired at a the same localit, wh w came up at the moment, and in shattered his armi that it was necessary to amputate it about five males froru the spot re-loaded abd capped, into oustody, and the jury at the inquest returned a DUDLEY. - On Tuesday, Fanm.
Oliver, widow of Joseph Oliver Franoes Maria Hertshill, was charged before the bailer-maker, of town with the wilful murder of her hushand by adSunday, and was buried on husband died on Whit After a certificate had been the following Wednesday. had attended him, that the calse of death was convesof aeighbours that he wad be aroused in the minds inquiries made by the had been monsoned, and the the wife ou the charge of wifful murder in the arrest of showed that the parties were in a comfortabe evidenoe showed that the parties were in a comfortable position Tespectable artisan, livingat Handsworth, Bizmingham. investment society an Wolverhampton a bulding and haight dear, about luol in eintice different the withdra, after having had letters giving husband charged name, but by a youthoney, written in her charged never to tell her husband. Deceased became food. About the time of him, always preparing his arsenic froin a drugaist's, professedly for boncet olean groatly. Once when he was taking milk me nomplomited and so, too did hit pepper, and votrited very finved, tasted it. The body, on an order from the itho contents of the exnumed the second time, when the and the liver were eant the inteatines, the kidneys who found, on analysis, that dr. Eill, of birmingham, arsenticil poisoning. The prisoner, who is died from ouly a littile over 20 years of age, and who seemed to inke the least interest in the proceedings of any one KENDAL, -On Wednated for trial.
land hills were covered with morning tho Westmorethree or four feet in depth. Tho snow frifts were down the vality as Stavely, a village occopsin fell as far Inelvarpootion between Kended and Windermere Clurch Bill was held on Saturday in a fiel the Irish Lane on the eastern outskirts of this town meap Hall the different eaccuuts, from 10,000 to 20,000 Tarsong took phesabt. Ms. Edward Whitley, no ex-Mayor, speal wish on the principal platrorm, and the

Liverpool Working Men's Conservative Association,
Mr. Charles Groves, and several working men all of Mr. Charles Groves, and several working men, all of
whom denounced the Bill, its authors, and adberenta in the most unmeasured terms. Three resolutions were passed, one deefaring that the meeting regarded the Bill with indigaation end alarm, as subversive of the Constitutioti in Chtroh and Sta
security of the rights of property; the seocond calling upon the House of Loords to reject the Bill, , nd the House. Each resolution was carried, and the form of House. Each resolution
petition was agreed upon.
Mancitester. - A monster demonstration was held MANCHESTER. - A monster demonstration was held netition the House of Lords against the Irish Churoh Bill. The number of persons present is stated at
250,000 . The proceedings were of a very enthusiastio character. Eight platforms were erected, and from each of these a serles of speakers addressed the nssembly. Among the spenkers there Mr. Snwler, Q.C., Mr. Wi. O the Earl of Carrick, Sir Eardley Wilmot, the Rev. Dr Massingham, Mr. E. Harper, Mr. Booth Mason, Lord
W. Butler, Mr. A. Egerton, M.P., Mr. Birley, M.P. General Beattie, and Mr. A. Goldschruid. The following resolutions were passed as proposed from each o soarcely a hand held up in opposition:-
Oath That we riew the obligation Imposed by the Coronation




 righta of property. And that we therefore call upon the
House of Lords to reject the Bill. 2 . Trat we protest arainst
the confiscation of the property of the Chureh int Ircl nd, and
 brother Protestanky in Ircland for their firm and femperito
stand againgt the conbined forces of Ponery, infilelity,
radicalism, and recol tion indeckaring our dutiontmination wo heartily foin with them



condemn the conduct of the coternment in releasing t Fenian prisoners, and thereby griviag encouragamont
Fenhinimm, the cxistence of whivh is made the pretext ing the above resolutions bo signed by the chairman on behalf
of this meeting, and forwarded to to Earl of Dorby sentation to the House of Lords on Monday next."
The following "rider" to the second resolution was alsh adnetert on the motion of Sar Varedley Wilmot,
Who said he had been asked to propose it "Thast we partioularly request the Lords spirt
 of Lur ls in rejueting the Bliln," to taise part whta the Houso
It is impossibie in our spaoe to give a summary of the speakers during three hours, but the following outline of the proceedings at the principal platform, where Mr. give a fair ider of the others. Mr. W. O. Mitohell, of Mr. Gladstone with endowment to the Roman Catholice, after haviog said funds of the I that be would never appropriate the the same time he likened the Honse of Comody. At well-trained flock of sheen following of Commons to a of a great sacrilegious bell-wettoer.-The Rev. Dr. Foley, Prebendary of Cashel, described the polic bination of of the Government as a comRomanism against the property and the religion
of the nation-Lord C. J. Hamilton said that Mr. Gladstone's avowed reason for endowing MayBut within a week after Ment of Trinity College But within a week after Mr. Gladstone gave that -that sinister expression which orextensance of his countenance whenever he alludes to any of the l'rotes tant institutions of this country - he stated that when was settled it would Established Church of Ireland endowments of Trinity College.-The Rev. C. H. Wainwright, of Blaokpool, asked why, if the Protes were a minority be disendowed also as a minority here if all shond not "reated with "quality?"-The Earl of Carriok separation of the State from as great national sin, the Groperty which has been devoted to the service of hierarchy and the political Ireland to the Catholio macy of Rome, culminating in the accecsion -The Reman Dr. Massinghanereign of that country, at Mr. Gladstone's face they could not wonder at the desoription given of him. If they cot wonder at the hrm in a Roman Catholic garb, he would make a very bis true colours. He we would appear before them in why did he not avow it? As to the appropriation Jesuit, surplus "for the benefit of criminals, infiots, and lunar tics," it had been prophesied that Mr. Gladstone would
ond his days in a lunatio asylum, and he wanted to

Edke a very handsone provicion
Edionard Harper. Grand M. Booth Mas
tion
tion, Mr. Booth Mand Muto
with their full paraphernaldin
ance in front of Mason was called uphen to
 no better, zand, more thrang Pa
to faght for thein
 people were smanaped of the pinions and of the Irish, who had yots the man who gave hin atoul to thath od
than a brute beast, Mir. W. B MInchester and Salford Trades' m , fathsome 'in history. (Ctien of "lo Isoariot Fis a good man to him the sin te committed, but this hat coedings at the platform cheers for local favourites, 1 the greatast share.
making 54. Part of the wody mas men reat exertions art todl ling to vant ans rave acess of air. Ah open silety lamp has heo and tobacco olose to a body.
xploded pened the lamp to likht bis mon xploded the fire-dami
that certificates of burint the bodion mo Plymovt lit - court-mart.al mas he tenant Phillips tenant Phillips, of the Cadn
vessel on shore zear the Bo prisoners' defence, the covith found that the been partially proved, ind that the prisnem
a grave error of judgment in standne a grave error of judgmemt in standian oet ordinary precautions for the safty of the:
court in consequence adjudaed Csitho Lieut. Phillipg to be admonithed to be E for the fature.
 amount to upw on behall of of 16500 . commenced in Yort.
 ohsarge of feloniously a amininisterine to dy
Davey, of Swaffham a larys Davey, of Swaitham, a larye quantity secutor, who, it appedris, so the the mother

 that the man was suftering from poisin analywed a portion of the cake, and has
tained so large a quantity of arsence that spen with the naked eye The prosecultor, sessed of other 1 lhe prisoners, wh only married at Christmas lat trial at the assizes

EtcIatio.
Rumoured Peseybrgion of his rim Lord-Lieutenant and Countess rase of the Marquis of Bute, granted to prevent its pretrin the publie generally disorredited the report, ink tho the visits rately paid to Mr. Brigmr's Letrez on
ing of the Natiotal Assocratic day, Mr. Bright's Birmingham le marked satisfaction. Aldermian 31"Bmpet st
 it awny altogether; they had genus of Gladstone and bing Mondef en ng in opposition to this 13.11 Exhbition Palace, and is
gathering of 1 rotestants the the city. Though the ontertaitied two days betine, nore waile: to overy part, sind therto were Transept si Hall. Sir Edward Grogan David Plundet, MP. Falkiner, Qi, that R at the Bill were pasco am asted over three hours, durmg mily THE

2nta a ketter fo a Noril.ern Oranketuan

 12e 1rape the (1rabsemen to epeak cialm) RHCCE A PBIR yver-A mok, in wous prisoner at Cork on bistida qesailm the police with stones and
 sit, is therstion.demolshang the windowi. batiz hean trongly remforced, chars. NaR) (HTR AgR at Corg.-On Tues iay at liallurbouzh, two miles from Cort.
 ory whrte hur hasband, an invalid. was seatud an 1 hanated him a revolver Two of the a the $d$, wifs, Another kept gusird at the ou fre furthenthering the parlour presented a
 Ponts wre l. real somultineously actuas the tuthon
 We fil him alatement, was admitted, and kindly il Andrew Campibell, - lie Lavitic Auslum at Blackrork, who beld
 - 1: hali he collplanned of being ahandonnd hy in: is exter lee wis watinded, he rofused to 6si-: ise any information resperiting them.
(cye is is leiruin - A small farmer, named Sif i.. , was hilled on Saturday nikht in a dis-- th a person named Cassidy about outhing turf. tan Was frat tured with a spade.

## Scotlanio.

YTasa 3 Vifus 19 ro Damages as Gaye. davaly, havink rerentiy learned that one of the te had trent onliget, in selfordefence, to protect rip. if in lle rawares of deer by shooting some of etiresend her regrel that any farmer should frome sto a cause. and gave orders for the im thencot on of tho feveing necessary to prevent tote ercentin of tho fenemg necessary to preven hort iv In Irom the Rosal estates to lus lands. Wece the fall was so considerable that it coald be cod ato nutt walle

## Obituary.

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 in wan sebud wift of the emrit, whotn Nio $\Rightarrow$ Al matr dieal on Wednenlay cvenin, at



 insi heh representi, Whare, in 18.5 . Le

 th, inter hecretary fur Forengy $\Delta$ fifars mister if the Forecs fur a few weoke :- Athatisar an Tra ie from Feliriary, is: to to

 NAtin, elitegt daughter of the Iate and
 \#. In Buar, of Newhell, athed on Tuesiny at and in the same year marriod the second


 Hil. dik, blart Lonksisk
the eldeat brother of the late baronet, by
 Hudgen, who died at the close of last year.


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MKTRUYOLITAN MEAT HARAET. Juthe dy
liest Preah puthet .. .. jbit fer dowoh Ib.



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 MARX LANE-Yivoly Jume 14 .










 . por harral 19.
The Trather contimued fine in the the ith t then maning of the 1 the thut, when it changed to raln, at 1 hinh sir it $t i=n$ boungy fullee the Now North. Owity to the wnfaverir bile
 yr. quotod last week has buen rec, ettent, the extretne miceed rutiof at the baginating of this mouth bergg readily paid,









 priticipaly fur the ( antineut
The arrivuly of sall wrimin thid weuk live hoon moderate, oxcepting of foreign Harley, of which ihere are none. There
why a poor attendapios st this murning mariket, the littio



## SEED MARKET.

The agycultural reed trade remains in a very quiet state, no lators. The unfavoumblo reports which mame to band, both of the Englishand foreign growing crops, give confidencoth
holders, all deacriptions of Red Clover and holders, all deacriptions of Red Clorer and Trefil seed are
consequently beld witl great firmness. We have a fair consequently beld with great firmness. We have a far
inquiry for vowing Mustard and Rape seed. These sceds are
in very short supply, and continue inquiry for sowing Mustard and Rape sced. These speds are
in very short supply, and continue to command ndvancing
rates. Canney sced Tates, Cannry sced is in good request at recent currencies,
Of Hemp seed there is but liftle on wffer, and the late advance
is well supported. Fceding lingeod is is well supported. Foeding linseed is frm both in tone and
demand For other kinds of sevds, values, in the absence of business, sre nommal.

Joze Shav if Sons, 18, Water Lane.
W ANTED, a HEAD GARDENER, where an Under


 W ANTED, THREE or FOUR expert and practised
 W ANTED, an expert and Buce eisful BUDDER and


 M ${ }^{\text {R }}$





 W

 W An'IED, a MARKIED CUUVLL, withont famay,


WANT PLACES.-Letters to be Post Paid. H XPERIENCED GARDENERS (or as GARDENER
 DLR. WM. P'At begs to announce that he has made


## To Gardoners ana Bainis (Head, Foremen, or Under).



 TVM. CIMrdeners and Under Gardeners. 1 have at Tilsh avo SUN bere to state


$\mathrm{M}^{R}$. T. Bo Midsummer Engagomantio
 Enguwhe hus iftrorlici Engayementa in mogt of the Countien
(ARDENER (Headi), - May, 1 Hed





#### Abstract

C ADENER (HBAD). - Married, no incumbrance ; has   $\mathrm{G}^{\text {ARDENER (HEAD).-Age 31, married, no incum- }}$  $G^{A R D E N E R ~(H R A D) . ~ A g e-35, ~ n o ~ i n c u m b r a n c e ~} \overline{\text { an }}$ has    (YARDENER (Hz,AD) - Age 28; thorwuphly uniler-    Six yars good Street, Houns 10






 men $\omega$ Uitonimmoned in $\mathrm{F} J$ $T$ RtveTLe the Nursery aral



Dry and Warm rem
 a
GARDENER (HILAD), age $35_{\text {, marricd. - Heary }}$ Marquis of Downabils, lat it liberty to engage with nay one requiling Mnnagenent of Men, also the Growta of nal kinds of Fruits, Fiowers, (YARDENER (HFAD, Wokking),-Age 34, marrici Melons, cuchlinbery, willip in the cultivation or Fines , Vines, Feaches,
 ( ${ }^{\gamma}$ AKDENER (HEAD, or good SiN(sLE-HANDED), charnctor $A$, singlo, well oxprienced in at, branches. Excelliont


GARDENER (HF
ag, angle; underatanos Greenhouse, Flower and Kiteh Age 24, fig, and Forcing. Can be well recominended-A. 13. Fost Offico,
(TARUEANER (Hzan), where thre or more are kept.


( ${ }^{\text {A }}$ ing to
 CTAMENER, ige $33-A$ conatant sitiaztion wanted in Garà Markot Gardea or Nurserv Hans worked in Gentiernen's




CARDENLER.-Age 3.5, no menmbrance, a practical
 (T) ARENENER SINGLP-HANDED, or Where issistante

 CARIDENRK (U'VELR,


 C ${ }_{20}^{\text {ARDENDRS (Unhed to }}$-Two Young Men, aged 19 and Garden, uood to Indoor and Outdor Wort in, Geatlemand
nowr Oxford.
(YARDENER (UNDFR) - The REcTor of Chedgrave is

WOREMAN, in Gantleman's Grider, Understanils
FORFMAN, with any Nursersmen.
 FOREMAN, or To Nurserymen.
FHAR $n$ thormzh hinw'elge of tho I PROPAGATOR -


PRUPAGATOR (Hard and Snft-wooded), $\rightarrow$ Ale
Azaleas, had goon exparience in Gmiting Rooses, Khotode
DROPACATOR, dr. -Agen and Others.


BUDNER. - To Nurserymen and Others.


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padestructible Terra-Cotte Plant Yariorm mestractiole Terra-Cothe Phant Markor,

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cation to Gardenert, When you ask for




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 TIS: The Improvemert of Landed Eatates $\qquad$





 'T



wiLilai callow, Secretary.

## 

Thre Court.-The Queen and Royal Pamily continue which Mr. Motley, the United States Minister, was introduced by the Earl of Clarendon, Secretary of State for Proreign Afrair, an presentod his oredentials. an audience of the Queen. Earl de Grey and Ripon, aud $V$ recount syuney had audiences of the Queenvile, Saturday morniny the Pricicess of Wales, the Crown Pr nce of Denwark, tho Prinoe and Princess Phillippe,
Princevs Marie-Amétie and Princo Ahert of berg, visited the () leen, Prdince Albert of W urtem-


 Wich Park. L Lrus Lyons also arrived on a visit. On

 On Mindyy Prine Arthur left phe Cathe for Cireen-
wich. Thbe Marl of Bessborough, Lord Steward Wich, The Marl of Bessborough, Lord Stoward;

 ol Pesty, and presented addresses from both Houses Norwich, Bridgewater, Beverley, Cashel, and Sligo. The
 Leapold ayd the Prine Queen Went out with l'rinec
Queen drove out with Princess In the alternoon the $\%=5=5$ $=2$ sident and treasurer of the Royal Acadomy, had an report. In the aftemonn the Qilcen drove to Bag-hot
 for the IIoue lmpartmont, arrived at the Castle lracens Louisa went to Hampton Court to bo lirfesest at a bazaar in aid of t) Marlhoronish House. Ir the evening, by command of the Queen, a Sitate Coneert was given at Buckinerinfited. The Prince and Princess of nearly 800 was Prmbers of the Rolal fambly, the Viceroy of Enypt, Prince Hassall Parla and Prince Tusoon Pacha sere Laopuld. Princess Loruina returne isfrora and Prince
 Cagik on angist to her and thelr suite, arrived at the and his son, with the Princes and Prancess of Wiales,

THe Prince and Princegs of Wales-On Friday altervoon the Prince wha present at the debate in the Princess, and the Crown Prince of Denmark dined with the Duke of Cambrỉge at Cinnester Touse On sturday the Princess, accompanjed by the Crown Prince of Deumark, visited the Queen at Windsor Qustie. The Prince held a Levée on behalf of the Queen at St. James's Palace. In the evening their
Nyal Highnesses went to the St, James's Theatre.
On Sunday the Prince and Princess, and the Crown Princeday the Prince and Princess, and the Crown Chapel of Deamal, St. Jamests attended Divine service at the

 at the Ropal Instatution for the ereation of a sfatue of
Professor Faraday. On Turs lay the l'rince met the Professor Faraday. On Tucslay the l'rince met the Terminus, and nocompanied his Highness to hucknoham Palace. The Viceroy of Eagpt afterwards visited de Pruse at Iar borough Lifune. Ple Prinsens
drove out with the Crown Priaro of Denmark In the evening the Prince and Princess and the Crown Prince of Denmark were present at a ball Anno Street. On Wednesday morning the Prinre rod out. The Primess, ancompanied by the Crown l'rinee Privee of Dennark took leave of their Royal Hierhreturn to Jenmark The Prince of Wrales acoompanied Thursday the Prince rode out, Ins In lighness Ibrabim and Princess at Marlborotigh Honce and the l'rince and Princess at Marlborotigh Honse and remained to
luntheon. In the afternoon the Prince and Princess funthern. In the afternoon the Prime and Princess
left Marlborough House for Windsor, on a visit to the Queen.

Arrival of the Viceroy of Egypt.-His Highness, Ishmael Pacha, Viceroy of Egypt, accompanied by suite, arrived at Dover from Calais on Tuesday afternoon, in the Admiralty yacht Erehantress, which had been sent across the Channel for his Highness's accom modation. He was received by Lord A. Pazet and Colonel Cavendish on behalf of the Queen, and alte baking luncheon at the Lord Warden IIntel proceeded by the South-Eastern Railway to the Charing Cross of Wales, who conducted him to luckingham Palace, which had been fitted up for his recention. Soon after his arrival his Highness visited the Prince and Prine of Wales at Marlborough House. In the evening the attended a ball the Royal Italian opera, and afterward alfred Paget, in Queen Anne Street Oy Lord and Lady Prince Christian visited has Highness at Buckinesad Palace. In the evening the Viceroy and his son were present st the State concert given at the Palace by Highness paid a visit to the Metropolitan ${ }^{\text {mormur }}$ it travelled over it from Illersate Street to King's C'rom and Westmioster Bridge. A deputation from the Anglo-Mediterranean and British Indian Submarna welegraph Companies afterwards had an intervien him for the and presented an adaress thanking Highness to all enterprises of public interest pomote publin works of every kind, whether fele praphe or otherwase, in which his country was Firaland, was arcert over anuther, as brypt, like als [1, liness, uocrimpanied by his son and the Prince and Princess of 11 ales, left Landon for Windior, on a visit to the (xuepa. Festerday the Pirefroy returned to Burhmotam P'ilace, and ind lhe eventug duled with Loura. ()n Monday next ic gramil breakfast witl be 'Ilwe i pavalion and the kor lens of l3uckaglam loth, and goryenuly fitted un, bave been orcatel for the purpose, and her Majesty is expected to be present to meet his Highness.
 numi of Hatrow Strlisol, is an immate of Mr. Matthew londoin. Efis R.yyal Engnitese momes up to London buite, in order to attend to his relimions dutios, of has to attend mans at some Roman Cutholic ohapel on early on Monday morninar whe sevening, or early on monday morning Ee is reported to be a
fine, tall, handonme youth, and be is berinning to spoak Fnghsh fluently. I' a rumb liseq his school, PRINCS ABTHOR whis is colvipanion.
Painces ABTHOR, Whes is about to jnin the 1 ht Battalion of Royal Engineers, Dow stationed in Ith August, in the Inmon mail steamer City of Paris, Halifax. The Prince is expected to return to Envland next spring
Gaturdny in Downing Streot. Council was held on aing sureet.

- conter on ar. Pis the intontion of her Majent Museum, and now a Senator of Italy of the Britial K.C.B.; sind to confer the honnur of knighthond on the civil ()rder of the lsath. It is allowed heresfter b her Majenty to confer the honour of knighthood on the Prince and Princess of Walas to Yuring the visit o on Mr, Heron, the town clerk of Manchen in 1866 ; and servioes to the municipality of that city for many years. The Bombay Command.-Ind Napier, of Mag

Bombay resigned the oftice of
Spencer, K. C.B., has beemen th
The CHina Comsust apportal ha command of the Ohin, will be aprey Admiral the Hon. Sir Eenry Eis ite or Lambert, by the death of ader
Conforation.- On Friday, in the ecdiuss, snid a report had been onent the Eastera Churches hups to decide whethor th: Bhaloipis of Lombone Si After some mar byford were appointed
fhathing of the mer be Arend
subyert of the Irsoli Chare now
action was taken upon it
presented a petition, signed
of the Scottish Episcopal might be protected from the eneraj withous aud clergymen who took dity a hishop should enter into l'rimas of the Efiserpal Comen indias subsect, Ifter recerving some reports adjourned until the I2th of August Top
 Tile IIstoríal BSS. Commiant herd anc of the Commisioters on II takitig steps to carry out her Majubly less than 100 letters from Sometary collentions, offering their aid and 0 noblemen and other possensors of lis their collections at the servipe of the Severill liave sent, and others b their papers to tho Inspectors were appointed to make Iuspectors Wers appointed to maik as ecolesiastioal and lny corporat.o suggested that the inquiries of
would be very much advanad by would be very much advanad by
tions sending their inventories or have any, to be inspected in the fin reports were laid before the Commin anen the Housetilg elraracter, on the histonma ir $G$ e ords, drama up The following is a cony of the letter whict addrassed by the Commissioners to tha "Mer Majesty bis been p

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# amo tonar hubben coufrad whin 

## forstgr.

nie limpror and lie Prince Imperial Lut in lumas for the camum of chernal
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##  cow

i. W.l thays be worthy soms of the
( P' rutusal arrised at the firand Hotel on ber way th laty Ithperal de re ee have Lhab, and loa Maral beertreentents of
 ilie cx-Yueen lathe tha of spame is to pass a ande site oll the colant of Dimbands. orarl M.Il wit th Girmany to drink the th At Eluenie sfates that perfect
 trenopy live been statmoed in the the phts are guarded by a milhary apmars hy a report from the , thente of the troultes of the luth and Ihamot the ('mestergerie, and were theu the mihtary primn of Bretre. The
than
 is deenthen, $\frac{2}{2}$ renluers, and los whthout
 and ulwirds several of the journaliste It wive been set free Amonk them (mir Impersale, and contributors, the
$\mathrm{I}^{\prime} \mathrm{ral} /$ the atter to the Rappef $R$ rald, the atter to the Rappel MM.
1, rall -1n mave also been liberated. The Intur hugo have contrad, eted the stateis e-maped arrest by taktiok refuge on tane ycars, and th
Marbal Serrano was brorn in as Regent It trest coromony. President Rivero whin he promised to respent the :iera, in reply, declared that the liegent Low the support of all Spatatirds. zent, the Comstitution, the National Soveant the Prevident of the Cortes !" The new स* aplo iteal Minister of State, and Senor Her of Justue. The other members of my in 1 n aflice under the presulency of
Yis Saturday the members of the new
Irecented to the Cortes. Geactal Prim,
Awlared that the Government would ptse the Constitution, and would exact mpeet for it from the nation at large. He morm anrounce 3 that the Government would renew
 6. uarerits to continue umpel, an i upen the ans, mil equently twok into consderation, by Cis: lint to deliberate on the motion of the in a to restide in spaia. In the evening thas ich hayal Higliness was entirely at hlberty on ans lurt of the country he clioze Tle
on tratise In commenced on Wonday, and is Tration In tha sitting of Wedneday the
 $1_{1}$ Irnil on Jadrid on Friday, and wase arreated and t trut ues, where he will await the orders of rathationt al renc:ne trial of Mr. James Cassels, for ar ire ital n has aequital. This decision estabfi in in frredom throughout Portuzal.












## 

The Nurth (iermaull Mallamicetat was laved on I'ri lay Tha opeerh from the throne entumerated in delan the Bolls which had been passed duriog the expmitug influenoo on the future development of the confedermtion and tho progress of Narth Germany Jfention


 ierman letforal In somelue otas 11 derlared that the anamatmons fo-operation of the Fedural fi feraments dathouring for fremman's wifare wim commom hesp, strenuthen, ax heretofore tho weldaral will fidence with with Ciremats, in furtifylug heraif at treme

 near Berlan.
AlwTBta--The Areen of Sundey meatione es a Councour cirenlating in dinhonatio circhers thant Irmen

 and that his deprature was comentod with smme vagum Daspuls.
He cassy, -In the sithing of the hower IImase of the 1 et ou the 1 10th, the Central Commultee praposesi tho adoution of the ball rempersing the appontment of Frine the ererome of jutimal muthorits
Rtisitt - An limperial ukase authorises the estab. Fimment of a bank called tho Internatimal liank of Commerce, with a camital of 5, (Mat, (H) rombles. in ampes of 250 roubles each. The promotern of this undertakins are batukers of Nit l'eteralary Whewa, Tesurs Lanten, whon are to t the here whake of the at. tren Intame
Iraly - Athe king of ltaly retarned unexpectedly
to Florence on Sunday. His Majesty, it appers, conto Florence on Sunday. His Majesty, it appars, com-
sidered his presence necessary to strenpthen the sidered his Presence mecossary to strengthen the
Government in taking meanres for restoring the tranguility of the country, which has heen murh unsettled by rintous demonstrations at Milan, Turin, Noflex, and other places. At Milan on lirilay nieht the diaturhmees were se serinus that the miluary had to be cadlel out The rintapx retrented the tre the troniss without offerinz rematalice, anal order was restured alter keveral arrests has been mate The committeo apponted by the Chamber of Lepaties to inguire into the alleyed imalprar ticeq recupecting the trbacro monopoly on Monday took the denowitions of Deputy Lobbla, who is recotering from his wounds. The Durless d'Ansta, the wife of the King \& second son, t4 dnngerously ill of milary fever at srezzia lier Rosa Hiphness receiver the last Sarraments on Sunday. The
bulletin of Thuselay annumbes a slight imjravement bulletin of Thurslay announces a sight imiravemens dass since in the nerghbourhood of Sorrento, were made prisonem by the band of the brigand Finoeo, who When he lemnt the rank of his capitver, politely handed them to their carriage, sad gave a five-franc Fiece to the oonchman, berging their Royal Highneases
to excuse the andacity of his men. The duke is said to to excuse the andacity of his men. The duke nd sid to
have sent fumo a magnificent gold watol and ohan, valued at 4, (000) in
PAPAE STATRS - The report that Prace wa endeavouriug to re-entablakh the September Convention,
with sufficient guarantees on the part of the Italian Goverument for the se urity of the l'apal territory. is contradu tell. The Pope in renlyina to the empratuinmons adrcased to $!$ im by (ardinal Patron, on the Fith mint, the annuerary? of his stecersshnt to the Papal throne, said
Thero warla is divi ted intn two sicietics on the one han rejectiog both relig gion and morality, On the octher hand, wo principles. I trint in Proridence for tho protection of Rome

On Monday, being the anniversary of his coronation the Pope, wearing the tiara, assisted at the mass
whel was celebrated in the Sixtine Chapel, and afterwards received the congratulatinos of the Sacred college and pubice dig
Graferf - The dueen of freere was safels ileliveren
 the Chamber was pror, purd on T inwilay, and the
 readerink the Pruth more namgable, and for eatanhish station in Bucharest on Saturday
 - 官
 IGnht -The brat 11 , a arl-e katel is tregaring








 anil t.o lave raturne! if Mnown+1, It: itarforg canzkerate!
Wbir CosAT of AFRIAA-dincoer from Senegal, mulnk of the fiver Gambant and at lat hukst it on the










(N1DDSAsith P'randent Grant arrived at New













 and Amarion admate that the protent of the Britioh nation amiat paying in casth for popula Washington earrasnondents of geveral Nesp Hork gurnala state that Mr. Molliny will takeno smportant actime in tho Alathama caue ut til fimpress mects

 and negroen is illegal, pull, end voul, and that ile Levialature oannot righty defice the as ral batiad of inated states harois frate anions faroukhout the mied stales have recembly exieiled white mamber Judiense altacked n silitupins parts in Wentern hunge Adans altacked a surs ryins jaris in homern hamas

 coun lad TIm sumx and R in triher hav.nge eluarmele liere wasa whirmah near lort linfort. Fleven foturaty were kilima ant tu | out |
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Cintas - The Parl whent

 the wise mevalires wh lioh has treen a milied in secure an conmansate the remeliment strelt liad be Ameriea, and also the retrencimment inti it lad beet
 the public canpard
Nins \& Mis The Hepreal heazen ('antention at


 meana anmexaton to the lintel inates The 1 tocerdints of the league are commelited upon by numerous American papers as indicating the inevitable fins ennextion of Nova sootia fo the 1 ailed Dinas. CuBl-The American buhooner Laiave, $\frac{1}{}$, Tara with war materials, orensh insurgents of C'uba, has been captured by the Amanioh stenmer Fernmado, and sent by (reneral Espunar to Jamama for a fit lif aton. The naurgents elam the vintry
 - Ith the spandors, an the aid brought by filibutlering
 the Einglath Aimatre, isplomatir relathom have licen resumed hetwotl the Bravitan fovermment that the
 geadiness to march into the interior i rumome is




THE GARDENERS' CIRONICLE IND IGRICTITTRAI. CIZZETTF

## \#arliament.

In the House of Lords on Friday, Earl Russkil, in supporting the second reading of the Irish Church
Bill, said that his accentance of its principle did not Broply an acceptance of its constructive part. He recommended a more generous provision for the aisadmission of the Roman Catholic and Presbyterian bodies to a proportionate adrantage. He condemned particularly the rule, as stated 10 the preamble, that no part of the $\in$ ndowments of the Irish Church should such a rule implied a dislike of the general principle of an Established Church which he by no means shared, an established Church which he by no means shared, the clvilising influence of Christianity, would be far from effecting the benefit of Ireland. The Duke of AbERCORN said that the Bill would wholly fail to confriends of Encland. Fifteen months aco there was no demand for the bill, and if there had been agitation
since, it lad been orcasioned by the impulsince, it had been orcasioned by the impul-
siveness of one man, who had used it to achieve a party and personal triumpl, rather than Duke of Argyll denied that the genius of one man, however transcendant, could account for the marvellous cohesion and unity whech the Bill had re-infused into a House of Commons so disorganised as the last, or explain the common agreement in its favour of Scotland. The opponents of the measure had no positive policy to oppose to it, and thongh arguments had been used in the debate in favour of the principle of been shown to give up part of the funds of the Chureh for the supnort of the Roman Catholtc Church. The
Bishop of Licerirld adduced his experience of a dis. endowed Cburch in New Zealand to justify his vating against the Bill. One part of its mission the Irish Church had certainly fulfilled, the maintaining of the principle of religious liberty, and that part of its work no other Cburch which might be its successor could equally perform. But, besides his objection to the princqual of the Bill, hat, thought its detalls fraught with in-
justice both to the Irish clergy and bishops, and alco stitl more clearly to the Protestant laity. So far from béing a means of concilating Ireland - which tme itself would pacify if statesmen wrould only abstan from the antation of such questions-he feared rather that it England. Lord Wratbent said that the Bill in its present shape was full of evil, and was likely to produce
most dangerous results. Still, he felt that the House most dangerous results. Still, he felt that the House
was bound to pass it, though not without ameodments, Was bound to pass it, though not without ameodraents, rejection. The Coronation Oath and Act of Union the pased no bar to the Bill, for not one party but all rurrmarties interested in those comparts were conChurcla was as much entitied to 1ts property as any
private individual was to his patates. The Lord private individual was to his patates. The Lord the power, of the State to interfere with property which it had allowed to bo devoted to religious or charitable usea, in case such uses were found to be opposed to to better aod more beneficial purposes. With regard to the binding character of the Act of Union, it would be absurd to suppose that ono Parlia, Irish Church would lose nothing of its influence by the passing of the Bill, but that, on the other hand, it would, for the first time in its hustory. Lord Cairns condated the of conciliating the people. of the Bill that the Irish Church was a badge of conquest, and had not fulfilled its mission. He defended the connection between Church and State as the only pecurity and guarantee for religious liberty and indegevered without shaking the Prodestant it could not be the country to its foundation. His great abjection of the Bill was that by disestablishing preat objection to an end to the supremacy of the Crown in Ireiand; for as
swept away the Crown's supremacy in eccleciostioby swept away the Crown's sipremacy in ecclesjastical
causes The destruction of the Irish estabishment
made the State in respect of Ireland Me was equally hostile to the proposed disendowment whioh he dened that the dissolution of the monasteries any analogy. He foresaw very calamitous results to as he did whether roln ceeded; the Irish Romaryism had ever entirely suceatistied by it; it would arievously offend the Irich Protestants; and the principle of adopting a numpreal the English Chureb. Earl Granvilis, in reply, said that the weak point in the position of the opponents of the Bill continued to be that they could not say What they proposed in the event of its being rejected. The House zhen proceeded to a division shortly before second reading-Contents, 179; Non-contents, 146 . majority for the Government, 33. The announceloud Ministerial cheers, The Bill was then whth a second thme. On Monday, Earl Grey pare notice that in the motion for going into Committee on the Fords, but not for the maintenance of any oh the clergy, or for the teachiag of religion." He also sugHested that, to facilstate the passing of the Bill, the Lord Cairns, the Biahe Wednesdey in nert week

Habrowby, Lord Pobtiman and Lord Listeden, strongly opposed this suggestion. Earl Granvylue intirated his desire to be guided by the wish of the he Exchequer Bonds ( $2,300,0000$.) Bill were read a third ime; the Drainare and Improvement of Lands (Treland) Supplemental Bill passed through Committee : and a motion by Lord Hardinge for an address for the report of the trustees of the National Gallery on the requirements of a new Natimal Gallery was agreed to. The Earl of Bessborotiah brought up the reply of Her Majestr, assenting to the reque cons on the reported corruption at the elections for Bridgewater, Sligo, Cashel, Normich, and lieverey. On Tuesday, the Earl of Shaftesbury eave notice that in the event of Church being aflirmed in Committee on the Government Bill, he should move that it be treated as a fuod for granting small loans to the peasantry of Ireland at a moderate rate of interest. The Beerhouses, so, lill pased through Committee with amendments The Drainage and Improvement time. Lord Rovilly called attention to the applause Which during the late debate had proceeded from the
Strangers' Gallery, and said that something should be Strangers' Gallery, and said that something should be
done to check the practice, which was highly reprehendone to check the practice, which was highy reprehe in the inconvenience of the practice, and ssid that he had himself observed an eminent dignitary of the Church guilty of an excessive manifestation of feeling during the Earls of Carnaryon and Malanesbury, the Marquis of Salishery said that while a Cabinet Minister was addressing the House on a recent occasion, two of his colleagues, were talking so loud that opposite. He suggested that the House should confer on the Lord Chancellor larger powers for the maintenance of order. The Earl of Malmesbury remarked that there was perfect silence during any speech that there was perfect silence during any speech
worth hearing; the Duke of Cleveland, Earl StanHOPE, and Lord TAUNTON advised caution in innovating on the privileges of the House; Lord Redesthinking that a Lord Chancellor, as a member of the Government of the day, was least of all fitted to exerclse such powers; and Lord Beaucians advised the eldest sons of Peers, Privy ('ouncillors, and l'oreign Ambassadors, and objected to the presence of married daughters of Ppers in the galleries. The subject then dropped. On Thursday, Lord Lifford gave notice of
his intention to move amendments in Cummitteo on mis intention to move amendments in Cummitteo on glebe-houses from debt, and also of giving 25 acres of glebo-lands to each Roman Catholic and Presbyterian minister. The Marquis Townshend after some discusAmen lment Bill, and Metropmiltan Regulations Jsill. Lord Alifyrikiz? alco whinew the Juatices of the de., Bill, as amended, was recelved after an amendment, moved by the Bishop of OXFORD, bringing to. In reply to the Marnuis of SALIsbrtry, the Duke of Argyll said that instructions hart been sent out to Withdraw the branch of the Benal Bank now at Bombay. Festerday Lord Redespale gave notice of the Irish Church Bill, to enable the present Irish Grops to retain their seats in the Ho bife lo Bul came on for the third reading on Monday next. he Rhontid move that it bo poutponed to the fith July. The Religions Jducation Societies Incorporation Bill was
withdrawn. Several nther Bills were advanced a stnze. In the Bnuse of Commons on Friday, after the Baukruptey Bill had been considered in Committee so far as the compensation clauses, the House went into Committee on the Imprisonment for Debt Bill, and Fas engaged in discussing the question as to whether the nrovisions of the measure should be extended to
sma.l as well as large debtors, when the Charman was ordered to report progress, The Insolvent Debtors' and I Bankruptiny Repeal 1 Bill was read a semond time.
Mr. Carlders, in reply to questions from Sir J. Hay stated that the flyiog squadron was tom ennsist of si Wonden corvettes-the Livernool, the Indignation, the that. thourh its complement of men and boys amnintel to 2550 , still, that as it would bring home 3963 men the defensive strength of the country wonld had expired instead of diminished, and the object of the expedition Mr. W . F Fokstre antiral men of any experience Schmols Commissioners would he A. Honhovee, and Canon Robinson, of York. Mr S. Hill moved for a Select Committee to inquire into the oparntion of the Commercisl Treaty with France particularly as it affects the allk manufaoture in this supported by Mr Brocraded the motion, which was Chadwich, and Mr. Whebrihocse. Mr. BRIGHT denied that the French treaty was the cause of the unhealthy condition of the silk trade, which whs due the combination of circumstances-the American war,
the oonsequent plut of the Figlish market with French silk, the distress in the cotton trade, and the financial panic. He was not, however, opposed to
general inquiry into the operation of the treaty, and If the motion were withdrawn he would consent to the appontment of a Soleat Committee next condemned the treaty as a and Mr. E. Bentinck condemned the treaty as a flacrant volation of the

Mr. Mondeels and MF,
divided, when the motion
The End divided, when the motion;
The Endowed Schools Bill
passed. On Monday passed. On Monday Mr. gate) Pill. Mr. Beade Aur orried, on a division, by 801 into Committee on the Ase ment by which the owners no other sallonthe would deduction for the time Mr. Candlish supported the
the Government wabert oppoend Mr. CAWLEET, Mr. Howlen ad ly Mir H. Hoare Mr. Howice, adi ment bad not seen their way withdrawn The The amen withdrawn. The amoun lengtio, and an amords was next stitute 331 for the 25 by 3 fr, $\mathrm{R}_{\mathrm{s}}$ Was rejected on a divisson by 213 th
defining the limit mence, $a$ long discussion en
$20 l$. rateable value and Sir M. II. BE in London, and to $12 l$. and $6 l$. Weach endearoured successful; but ultimately, with 1 If ic shall not be permitted
and the Chairman red to gland parin the House went into Commithgre Bill, when the ATtormery-Gex aral new chause on compensations, might award full salary
any commissioner or officar beasviour, and that in every
tion should be two-thirds. with a number of new
motion by Mr. NORFOD yist of traders liable under on a division, by $15 \%$ to 58 . The Hous Committee on the Imprisonment called attention to the defeote the Poor Law, and moved parochial administration, and a more har respondence between the central and
Law zuthorities. The Ohaverriop CHEQUER opposed the motion
disoussion it was withdruwn Mr Rrus resolution declaring that a prohibititan o liquors on Sunday should bo inothided in $s$
Which may be proposed for : Which may be proposed

## said that the subject should be consideres

 The motion wras of Mr. (ila dSTOACourts, with a view
Carey Street and the Embankment local taxation was committed pro forma morning to renew the Committee on the Marrigge with s D-mat
Sinter lisill was met with a suroastice on




 drasen. The Medical Otimers aly
(Ireland) Bell was read a secon 1 tuan in Game Law Amendment Bill was miantar
Bills of Lord Eic'Ho and IIr Loch now

 in Committeo
whether the occupier's vote should be rey Court moved an ammamian enturne
ho slamil have mad
opposed the anmendigen
was rejected on a divisio
clauses were subsequenti On the motion for (Pensions) bill, as clause excluding
of the Duchy of
from the Bill. Mr. Which was

## derlaration

take ottice chey trad
notion, and it was altimately
mended was then considered, an

## Oe the order for noing into commutee on leot Committee Ok onivivero the Hy 121 the 13 , aid the Holtor went     <br> $\mathfrak{C u}$ Entelligence. <br> 4 Thit M Mrabsp, Gcarext asp Co-On tion of Mr. Gorthon, one or tho defendants, ondirctors of Overond Gurray, and co. The Home Offioe his dodiinedd do     Lord Me or in the sum of boook to probecute oridenco ansintst the defendants. <br>  Hfrom 4 por oont, at whioh it was greed on the   ; Bank Stock, 241 to 243 ; Exchequar. Bill, ,8s     

## flttropalis and its Vifinte.

## 

 an tabont london by all clases of cleryy-hngh, who are opposed to the disestablish-
Irish Church, especially to passages he prayers in which the the queen may bo made
n proterting and adrancing then persecuted and oppressed," that it
to "heresies and false doctrines to the Church, nor schisms and peace of then it," Soms of the clerg ome very strong remarks on these points, others be Park and Tower guns were fired in the early part ine athracon, and at some
rd Mrmorial to Profesgor Faraday.
mecting was held on Monday at the Royal
for the purpose of considering the steps to in promoting a memorial to the memory of private and personal Rrounds it afforded
leasure to show all possible respect to the
Mr. Faraday, whom he had known person-
that place. Early last year the Presidents
Society, the Royal Institution, the Hoyal
Soclety, the Royal Chemical Sooiety, the , the Royal Astronomical Society, Socrety, and the British Association lheld in regard to the erection of a monument
In the following June Mr. Disraeli stated sidered the erection of $s$ monument to Faraday to be a proper object to sh th to amed, any vote for that purqose must be the Exchequer wrote that, while fully rined, ho coulif of ext, as Chancelior consent to the appropriation sepluer, consent to the appropriation of at make that rule, but found it ${ }^{*}$, General Sabine rovide a public memorial to Faradsy" He maver of the Royal Society when he said that due harif the kervices done to the memory of this great $\alpha$ sieftee. M. Dumas, wha had come over from Paris porpose to attend the meeting, seconded the motion henls and learnuche of which he bighly eulopised the med unaminously. Sir Henry Holland then moved, manout Jurehison seconded, a resolution, "That mures for the provision of a public memorial."

This motion was elso odoptod. Proferor O = abscriptrobs nof to ezooed Ave glineas in ennb rase,
 carried. Sir Beary Hollund moved oordial rote of chanr. Professor Tyndall, in sooonding the resolution, lichuest ind consented to vake the chair, and reforred lence his Royal Higbuess wrote to Mra. Furaday upon dopted with goclametion. The milsin having bee themted from his heart for the kind way in which the had fupported hem on thet occasion. Thoy must eil eel grateful to M. Dumes for the terms in which be had poken of the late Profswor, and far the honour be ha assured the meeting that if presthing more condid be done in the matter by him, or thore wes any aisistanoe be could give them in roference to ith he should alwaye be at their morvice.
ThR Whabimor Msembar-A thoan perty of the Royal Eagioger Trin laft Aldemtio by meroh route for Wimbledon lest weok to prepere the oampinggathering. The Admiralty have given permiation for certain numbe the besmam divisinns of the Rosai Marmes to compete for the Army
and Navy Challeage Cup presented by the Nationad Rifle Association.
Stater of Lobn Pal.MR1Rston-On Fridey athorDoon Mr. Layard, M.1', Mr Cowper, M Po Mr has been pleced on the northern green plot of wromm facing Now Palace rard. A large crowd asemmbled a
soon the atatue was unoovered. It hat pot jot been decided whether the statue bhall permesently ocoupy
Tradrs Unron Bill.-A large meathing of trade Hail. Mr. Samuel Morley presided, and in Exeter gorted on the platrorm by Mr. T. 11 uqhes, M.P. Mr. Mundells, M.Pa, Mr, Andermon, M P' Mr, Dalglisa,
 Blonaerhasex, is P, do. The charman, in openam the proceedings, said he wis present in the interest of peace, and an en employer to clsim for working men "he
rights he claimed for himself, and be was therefore rights he claimed for himself, and he whs therefore prepared to kive a hearty support to the Thules I nion n making the futare of the working mon clear and distinct. He was anxious in all honesty to co-operate
with the worknm mon, hul no dryreate-1 the ruht ol
 Wot agree with them or thamk as they, did, opinion, halass of men more alive to the nee of the frecdom of trade they lessened the products of Inbour red or trade they leased or thour thour unon themsel ves great prejudice and imury. He quate believed there was a greater need now than pear ol the employer and the employerl comang into chaser intercourse, and he thought that every jonsathle eftort proper underssanding between them, and by that resuit do sway with sirikes. Workiog men were no doubt growios andy in importasco ib the country they were becoming too inituentap the the dry wis employers, and be sincerely hoped the frely exchange not far distant When they would more freety exchange opinions, and shas ade of the nation. Mr. Nevtor, of the Amsigamated Engineers, moved the following resolution in se speoh, in which he strenuously tphelr trades unions a a d the slightes depreo roponsible for the rocen trade country
"That combination lawa, or lawe denigued to oheck the free
atsoctation of workmen, and to place them under a njeesal oriminal logialation, are at once tmpulitic and unjuath and call
 and that all trader wintor whith anbelt themalves to the general ctvil and criminal law of the land are deosrang of
complete logal recogrition and ample protection from the
Mr. Draitt soconded the motion. Mr T. II ughes M.Pst or supporting it, said have introduced ib into the House; nor would Mr. Samuel Morley be in that chai if he, too, did not believe that it was a just Bill. Was high time that the Conspircsy Law was repealed nor did he think jt would be loug before taey would legislation should be swept away, and swept away at once. And he promased that if the induence of private mension press the Bul to a division. Mr. Mundel said that while there were clanses in the Bull to which he could not give his assent, still b the second reading. His object was peace, and be Forbid that he should row do marthisg to detract from forbid that he should now hortant movement he had 的t going He contended that combination lamber and man and he proper uaderstandis the Bull his hearty support. The resolution was oscried with soclemetion. A second resolntion was carried, on the motion of Mr,
Potter, seoonded by Mr. Howell, to the effeot, that the

Bill of Momer. Mushor sad Muedella, whe sim of Whah trades unioga is the enjoymant of that properts. decerved the heerty epprovel end enreot proport of the meetiog, whech pledged itall to oovtiocte every mothar of conctitutions ngitation to ohtwin the nasking of a similat meastris, and emporerod the thaden oosferenot and delegates to Whit upon the fome liencelary A third wosepport of has Goverbment to the Bil\} lie rucelimetution, tendering the warmest thank of Bill, and calling introducers into Parament of the 1) ancepl the smeete sratitude of the irades of Lmadon, and of the country generally. for then d simerested and yaluable serrices, was next mored, seconded, and carried nnanimotuly.
Pixanctar Rmpor
Pinanctal Refora Confrgencr-On Tineday I oonference, convened by the Fianacia Reform Chion, was treld at the Weiminater l'alsere Hotel, for the purpoos of devising method by which the qumFtions of reduction of taration end expenditure may be made to Ansume proctical shapa, so as to be rubmitted cmion. Mprojolan Lolms, M.P., took the chair, and C.B., Sir John Bowriag Mr. G. Andernan, M. P4, Mr. Iblahuvt, M l', Colonel Torren, M.P. Mr. Brorden, of the confere nee was lir efls explatsel ing the chas. tione henr.
 effect which repeal of the dulis on ien wemblit have on the population, apd aded Ihat ada might then be
told for \&d. par 16 Mr. Jartrige, of Jirmingham. proposed the following resolution - That, in the opmion of thok cunforpace, the rapmai of the dusties on the lhoard of Trade, form* a most deatrable bakis of action in the part of finute al meformers" A fler nome
 others, the teselution Whs carriad, tapether Wilt
another mored bs Mr. F. ("haduack-namely, "That it is orpediont to proosed with questions of laran reduchon of expeaditure conear any guestione of reauction of Larathon. the the instance of Mr. Minge saph M Putharient the revale of fund f 10 un fort
 agitation of the question thromehenil lim (e)mentry OpRNERG of Soethasise Jakh - On Saturivy h of Southrark. It is formed on about
 and forthertather Now limil, smewhet otar of mate from London Bridgen and withan easy walking distance from the erowded partio of the parithes of Southewit March of the protent year har been 05 (By) 11 st The rost of the freehold laod wha about $911 L_{1}$ per acre purnacres, and there ar polis in reapect of the expendituro reforred to. The of Worke.
ThE DUFE of NEwCaETLR - The rase of the Doke of Nowontte and his creditors is shout to assume to the Court of Benkfon by Mr Marris, the bll dieoometer, for an adjudiction in lankruptes, ane notices were merved on the Sheriff of Midulesex and others. Mr. Padwiok wat the only witnerg examined, and further procedings wore sdjourned to 3 conday, Carlton House Terrace on Monday las, and the application of the proceds Fill raid the important from the sales, or whether the promeda, ater pay ment of the expenses, will be avaliablo for ail the oreditors. Unttl the application to the Court of Bankruptay is decided mators Fill remain is atats
avo In the event of an adjudioation beink obtained a material alteration will take place with regard to the reveral issues directed to be tried in the Court of Exrchequer.

## I'fe Fresth Atiantir Cable - The Great

 Fiblern arrised at lirrat om mindas A pperal tram, Government ohlomatuand mombers of ane promeded at arriven in the see steamers to the Great Ensters. At 8 o'clock s banquet took place on borard the vessel, When toasts were given for the Eraperor, Queen Viodoria and the President of the Ialied Sow Trelegraphs, proposed success to the undertaking, and spoke in Erbauper returned thank - in the uame of the iatter. I Kerjeau, the deputy for Brest to the Legislative
 and the weather was rety bne taroughout. At night the spice of the cable was safely effected. On Monday morning the Great Fastern, acompanied by the Chittorn and the Santuderia, leftat break of day, and proceeled with the submergence of the cablo. The fatest accounts state that the siguals throuph the cable are perfoct, that the elertric tewis are satisiachory, an submerged
Shaction of SFRRIFFa, -Oa Thunday, being Midsummer Day, the livery of Iondon asseanbled 14
Guidiball, to eleot Sherifls for the ensuing year.

Alderman Causton, the nest in rotation on the roll of
aldernen, aud Mr. Julues Vallentin, distiller, were unanimously elected.
 funds to the Governors of the Charter IToune for
 ITouse scluools, and intend to remove their scloool froma for buildurg purposes, butt ther retiana 3! aures for the schonl and its playground. The Metropolitan Board
of Works liave purchisel a slip of the ground in Wider of Works have purchasel a slip of the ground in Wilder-
ness IRows for the purpoee of wideniar the thorouglfare, intendiug at some fuiure time to cootinue a carriage road through to St. John Street.
Grerswict Howprst.-Tho det passed in 19a\% ITospital at one bound from 1 13yst to 395.5 . The irtuproved comfort of the men from this olange is shown ly the
fact that the nutuber appli tiny to be permanetly racadmatted has been less than one in 32 , and the death-rate, whieh when the averake nuuber of
in-pensioners, mas $2, i y$ amounted to 123 per cont., has
 eoabled the duminalt, to to fiver in venson of thil. a duy to to
every seaman and marne over the age of 70 years, who every seaman and marine over the age of 70 years, who
has been lo years a naval pensioner: and $5 d . a$ day to those over 55 , who had been five years naval peusioners. tering the revenues of the Hospital as to nakake the money applicable to the adrantarap of seamen incapable
of service ga as fur as possible in the direction most agreeable to the navy itself
athe number of agreabio to the navy itself The number of
in-pensioners will be further refluced by offering thems
such a grant as will pensions, if any, make up a maximuru annual sum of merits. These cave beng iealt with semarately on itsown can comfurnetly be lodge i within the nu firmary, anil ad milssion will tuenceforth be open for any helplpssand in-
firun naval wumsioner firun naval pousioner who has been granted a lifo pension,
or any yelpless and infirm senman or marine who lins or anved with good cliqracter ten years, or auy man dis-
server charged fronit tie service on account of severe wounds duty. Every such applian or in the exeeution of his will be offered the alteruative of enter,ng the infirmary or of reviding with hit frends, and receiving surh a
sum as will make up
lus asyrezate
 The pubae will have the assurance that no 11 man who has ong -erver litis country at sea, or why laus bren invalided from the service, nearid beenme an in mate of a workhouro. In convection with this subyert a memo-
randum has been issued form randum has been issued from the Admirally stating establishment for the recent reforms, that in i850 ind 18 the nothing whatever was sot a aide for out-pensions. 1868 , in consequence of the changes effected hy the Bill

 Cu, Nul, a-year will be avolable for out-pensions.
The Thames EumaNhuENT, -The report of the way and sadnet apoposinted to bo inquire into the roadment from Hungerford Ibridue to Wellinaton sireet has been ssued. The committee are of opinion that the Metropoliken Board of Works oustit to be relieved from the formation of the intended ruadway, and that so mach of the Act as applies to tha formation of this roadway should be repealend They consider the sust gestion to erect a Natural Itistory Muspum in that ornamental ground, is dezersing of the fuvantrable conasideration of Parlament, as hent meeting tho reriuiremonts of all parts of the metronoles, both north and being erected due coasideration of any such building all privata rurhts. Thes do not exjrens any opinion on the erection at such a buhbuing. Wr. When ruestion to tendent of the muetropolitan pulice, hat atatmen in Street, by that a carrige approsh irnm Parlomaent 1 m necessaty to relieve the trall $n$ ankment roadiany, gojug frona the Eurbankment roarlway of the Nouses of Parliament and the west of Loandon.
of the NEW LIDAW Cour legal firms of the City and Went-end of
London, comprisimg members of London, comprisiag members of the firms of Messrs.
Freshfield \& Con, Mesra. Dawes \& Son, Messrs.
Cotterill \& Son, Messrs. Roy \& Carturioht, Meors.
 Filis \& Eidis, Memar, Hireh tur. Jalrmingle. Ir. ke if With the Chancellor of the Exchequer anit the first Commasmanar of Worlkg on Monequy, to exprent tnese Vlews lul favour of the Thames Embankment site as Bury, in introducming the deputation courta. I.ard names of the gentiomen comprising it, who were of all Ehades of political opinion, would show that the preaent persona interest, Mr. Robert Baxter. Mr. Vallance Dr. Preahfield, Mr, Ellis, Mr. S. B. Robortson, Mr the Embenkment site in preference to that tation which reerently stated that the feputhe Exchequer in favonr of ('arev the Chancellor of vened by the C'nuncil of the Law Institut.on withonthe sanction of the members of that sumety, and int jogal profemion, though the genersal opinion of the
marties in the Lincoln's Inn distruct, who had stroug
personal interests in upholding tue Curey Street site
personal interests in uphoiding the curey Street site
Mr layard, in reply, said that the interest of the
Inbblic it larce was puranount to that of the practi-

 a noisy thoronghfare, and would have the very band
sapply of light hnal air that London could all'r.l. If aphe of halt nuld sir that London could
thought that in reference to privato interestly some amount of selffsacritice misht reatonably bo called for courts of law on the finest stite in London by reacon of an opportunity which
nught not now to be sarified. The Chane illor of the
Exihequer suid it was a simplo fact that the fonvernment could not buildo an the Carer Street ste without incurring an enornious expense in addition to what
hadd been onntemplated, and ho believed that the adoption of that site would simply be the beginninz of which woulat be $n$,rievons frond uneon tha public: It venience of canrytur bu li:
more would amount to an evil whech then more wout amount to an evil which, thoukh it mirht
be alled temporny, was really of the first magnitude, nale felt sure that ill impartinl persons would approve the Gnvernment plan, notwithstanding thic great welght of The Caber Strrer sire -It is sinid that the London anil North-Westera Rull way Company have made overtures to the Clancellor of the Freherup for
the purchase of the - gures forming the Carey Street the purchase of the ${ }^{7}$ actres forming the Carey Street
site as a arent central terminus, to communicate with the Metropolitan District ss stent The neentiations, howerer, have been suspended unt the Bulid for the
nequisition of the new eround in $H$ owari Street has nequisition of the new yround
The Tower Sctury has now passell the nearest apuronel to the bed of the river. the top of the tumnel heung 23 feet below the bed, and the enxineer reports hat at the present rale of progress the turnel will Sor Th kexsimeros Mrier If -The Rev, weks. ander Dyce lias hequeathed to the South Kensington Iniveum his mmortant dramatic librarv, with its unique edations of shahespearr, and all his pietures, mishon tios antigite rings, and other morhs of art, receive tham
 the ground between the Indian oflive vend to appronriate to the building of $a$ new museum, library ofice under one roof, from plans by Sir Digby $W$ yatt. THy Chansel TUNNBL,-On Thursday a committhemel be prom luters of the proiect for a submarine
 Prestlent of the Bhart, Larit Riclaril (irosvenor, MI Peed tha de deputation which ittee of nromoters. intro dheed the deputation, which inoluderl Admiral Elintt. Messrs, William. Hawes, Stephenson Clarkค John Lowo, C.E., Thomó de Gamonil. C EF, and William Betlingham, secretary. In ini roducing the deputation, Inril R. Grosvenor explained the steps that hall been taken to promote the object. The subject biad been Wrouph unden the consideration of the Emperor By wholeon and the Imperial Government of France, by whom a commussion of selantific men had bepn appointed to examune and report The cortmiominn lad revorted in favour of the seheme and the practicability. The promoters ventured to and think that, in an important international work of thio character, involving very large expenditure, it would mot bo considered unreawnatil in them to look to the two Governments of Eunland and Pranco for a certnin deceren of material enemuragement and sllpmort They
 math $2 t$ ner cent upon two millions aterlitis to be apilied to the driving of two para lel munnozz hendinge or drift-ways from slaro to shorm This French Hovernment were wating
Finglibl Covernment thuld
the nblent of the teputation
was to ask that Government would terke the subjeot into monsideration. Mr. Bright alked a auraber of prantionbility of the scheme. The ping pointa and the answered by the enxincers and othrrs of thestions wreputan to the apparent satisfaction of the right hon kentleman, thin matter tuller ll an arly opportion of the rif brinesing


 Wrorking purposes, gatting tho che lina rer ehamber to tow the donk from Stangerful steam-tugs detailed Ilarinotr to the Ninm. The cableas of the dock wera 4ipped at 420 on Wednesday morning, and the dore thus made the first movement on hap nanange ont. The proerass was of merncsity
dotance of gearls hat rounded
hat been nearls lour milps
areat meen moneced. Atrhomgh
trriving at the Nore slectatore had asammbind () ()
land, ironclaid, emmmencar
The dock weira, with the Terrible avtern forsuter the
and had averaced all appearances towing very steady,

Nor CYE*TVRFIBLD House, MI


 Hindeath in the firo on thas sth inst, on Pen whed instructed to make better provision for the promition of life and property from fire in Clerkenanto
motion wan napeed to.
 The inquest was opened on Friday before proved that the firnt explosion occurt chazing-howse, but that nearly, if not al the bombjrironf-latise which izmated by the the othor house, and st is the omino been closed at the time of the explosion of the
house. Mr. Curt is add that ererl prione taken, but workmon in the midst of danker prep with a that on one oceasion ho found a matats ajontrmed Jor a woek.
Trie P'tuLte llvistri -TheWeekly Roturn 's on Saturday, June 19 , s, bli burt in the week registered in Londonk and in 13 other larcoto was 23 per 1000 persons living, being ? ? 14 in Birmurgklam, 25 in Liverpeol, 25 in 358 2y in Hull, is in Neweastle-upon-Tye the week enslong the 12 th inst, and in Therina voo during the seven dars ending the 1 , th 1751 children birtus of lig boys and 8on corresponding weeks of 10 years, 1303 - 63 , the sir number, corrected for increasa of population woek were 1231 L It whas the \& 4 i L week of the Ser the averago number for that wers, corfecte increase of population, was $12 z^{2.2}$. Tue prase

## 3310 bincial.

 Artillery, the 5 th Dragoon Guarde Fin


## TIE GARDENERS' (HRONICLE AND AGRICTITTRIIT (I.ITETTE

160 men, with horses, carriazes, and pontoons, will during the review oonstruct one or two pontoon day to Friday, and has issued arkethay from Saturall shops and workroons in the Loual borough shall be closed to-day, so that there may bo a general
hooliday. The review will this afternoon, between Queen funes llde and the Lang Walk, at the end nearest W1idsor

## ITClamo

Tre Ibisix Churcti--The Remonstrant Scmod of Clister has adopted a resolution in favour of the Orunge M
Obange Meeting.-A great Orange demonstration took place last week at Fair Green, Eunl-killen, the Mr. O'Brien, D L. Heen held Sherongt that at Belfast, Crichton, Sir Viotor Brooke, Mr. Daroy Irvine, Mesars. Porter, Steele, and Greer, and Captains Madden and Arobdale, and from 20,000 to 25,000 neople were present. They warohed through the anal fired shots at intervals during the meeting. The Lusbuxdedir Riusis-Murphy, the third min wounded at the receut rots at Lindunderry, died ATTEMCPTED ABSABSINATION IN MEAT
Thursday evening, the 17th inst., James Gargan, a steward in the employment of Mr. Farrell, of Moy nalty was entering tho demesne about 9 o'clock, when be was fired at from beniud a hedge by some persons who effected their escype. The ball took effert, but the wounded man is likely to recover No cause is ass,gned for the outrage. Gargan and his master are Roman Catholics, and no cause of diseontent has ever been alleged against them.
The late Otrrage at Core. - The Feman Camphell, who was shot by Mr. Gray, was buried on Sunday in a cemetery near Cork. It was announced Fenian demonstratiou but not occasion of a great persons attended it, and there was no peculiar incident or manifestation of feeling.
Tife Atilone Mcrder. - William Burns, the herd at Creggar, one of the men arrested for the murder of Captain Tarlaton, has received a largo sum of money from a resident laudlord to quit the countrs. party arrested, arcordugly teft Athlono on Thesday morning for America

## Scotlanid.

A Postincrous Heir-The walow of the late Captan spers, member for the county of Reufrew siderable interest attaches to this announcement from the fact that, had Mirs. Speirs proved ohildless, the Wife op Oolonel Alezander, of Ballochmyle, wo
succeeded to the extensive estates of Ellerglie.

## 

Bailway Colligion at New Cboss,-On Wednesdsy night, at half-past eleven o'olock, while the train containg the company from the Liconsed Victuatters Cryous Binuer, was tanding the Xew Crose platCrystal Palace, was rom, and tho 1 aridge, dashed into also procce⿻t. the rear. the pors received serious injuries, those many of the passengers received scily haviog sustained in tue thurd-eds and bruses but no lives were lost severe wounds sud buses but sounded were brought Those who were oniy slighty wound returned to their on to London Bridge station, and seture in such a homes; but some of the sufierers were in such 8 conderion
tho time.

## (1) ituaxd.

Iomd Cranstor v, of Creeling, Rnxburgbshire, in the Scotch

Hulted by careful savay during a period
Tucre is again a strong feeling in favour ma, at the conlers and ironworkers of outher Lave left for the T-nited States and the
 ithree or f fur montinus, some thone scale for the tian in trave left the distrint, and with a favour-
ther places will not bo easily filled. Pabers arrisedetachnients ol' the sth, 7 th, and

 dandy to das. On Tueslay evenare the Queen at aibed out F - it was strictly private the men somaldershe troops which will attend the Mnis, Royal Horse Guards are the 1st and Girenalise fiurris, lat and ad battalions


ad hand and furnisbing koyal eicorts. ha Castle employed as guards of honour and Trin, consistiag of siz offipers and about
-The incquest ou the pheroons killed by ler exilo Iodekinson, the engine-tenter, is one of the killed. Tho jury added opmion, whe (tiso of whom were also Tledi, for cmplosing a man so obviousl is Hodekinoul. They also found tha Tas made of whe bo pla ed under (rorerament - It the last meeting of the Council of the accation, Sir Roderick Murchison in the bimes of the presidents of sections who and the following vice-presidents were
-Sectorn A Matiematical and Physical -sedent, Professor Nylvester, F RIS: vice FRD. Acrition 13 (Chemical Science)

MRS; vicceprendents, Professo : president, Professor Harkness, elly, F R S. Section D (Biology)
Professor lholleston, FR.S. : vice-presidents,
 f, K.C B and Mr. A S. Mindlay, F R G S an Staturd Northeote, HIP. president T. D Auland, M.P., and Colonel Sykes, M. P siemens, FR.S. vice-presidents. Mr Fli dS
Exeter, Sir Staliord Nortlicote, and Si upported an aunlicatione, and Si spe ial leuture during the mesting namously arreed to, and 1'rofessor W cots, was invited to undertake the duty the Chamber of Agriculture to hold 10 council to Sir Stafford Northcote, as the section in which agricultural subjeots orssed.
frizR-On Sunday wook, in River Streat ${ }^{2}$ number of young boys and nirls, some servative demonstration of the previous day omp, anl so serioucly ingured that she died renl it that deceased died from effusion of n.

All eflorts to extinguish the fire in the it nas been determined to flood thone Workings whero the fre is raging disocery of an open safety lamp, as
vome measure the cause of the explosion. Mre untance has just transpired, which ne of the bodies found hat been killed in expre-sly furb duan bs ono of the rules of ams of crul hemg the most fiery in -Thelate Mr Frederı $k$ Attenborough He had been an in-matient of the jcars stuce, and consudered that he owed a lus gratutude, he wished to leave the edrings of his life. Mr. Attenborough alserrea in that regument as a private for ari ald í months. On his disularge he nas pre Nett, "as a matre of phate by the oflicers approbation of his conhife in Vope his disehar zo be lias been His munitucent leracy to the hospital



## ftaterts.



> HAY, - Per Load of 36 Trussen
> Trade slow, at re luee 1 prices.


POTATOS-- Sourhwark, Munday, Juve 21 anla, but very heavy from abruad, of both old and new
pricen. As all the old Potatos will be finished soon, this will be sinco Fridsy last consisted of 97 cargoos, of which, with thoso
 Lincolnshire Regonts, 508. to Mos, ionurbar and Rast, French and Belxian Whites, 30 , to 50 s ,

LEADENHALL POULTRY, dc.
An increasing supply, with demand hardly equal to that of latt week.

sinco Friday lat consisted of 97 cargoose, of which, with those
left over from anst week, thore rarnained for sale last night
51 cargoes. With some silight fluctuationa the tendency of the trade has been for higher pricess. Wheat improved about large supplies of the coast, and commanded rather more money at tike close of the week. Whilst Barley was firm at late rateg,
of Rye there were po offers of cargoes off the coast. Wheat on Of Rye there were no offers of cargoes off the coast. Wheat on
passage amd for forward shipment met with attention at the passage and for forward shipment met with attention at the
 westher both Fhest and Flour followed an upward tendency.
The eight marks are quoted at equal to 38 s . 3 d . per 280 lb . The stock at the Halle is estimated at 6640 cwt.
The arrivals of English and foreim Whate and foreign Oats thls week have been moderate, but of Barley none. There
was ap por attendance at this moming market, and but
little dieposition ahown to purchase Wheat, either English or foreign, factors, however, were not cipposed to give way in
price, congequently very little business whs fransacted. Spring corn was unchanged in vilue.


Liverpool, June 22 . We had a fair attendance at our
market to-day, and for Wheat there was an active demand, market to-day, and for Whent there Was an active demand,
at an advance of 2 d . per cental on Turedny's rates. Flour met at an advance of 2 d , per cental on Tuseday's rates. Flour met
a better inquiry, at previous full rates. Indian Corn was in a better inquiry, at previous finl rates. Madan Cord was
moderate requeat, at an adrance of 3 N . to od. per qr on lant
Friday's rates. Oata and Oatmeal quiet and unchanged Fridy"s rates, 1s. per qr. Other articles unchaneed.

W SEED MARKET.
We bave this week to report an increase of activity in the
agricultural seed trade. The recont verry unfavourable weather agrictitural seed trade. and the exceedingly bad acounts which come to hand of the
 our market, there has consequently been during the present seed ; all descrlptions of now red are hold with great firmnebs,
while for While for 'Trefofi seed we note an advance within the last five
or six dayy of 2 s , to 3 s , per cwt. Sowing Mustard aeed con-


 ,

MR. JOSEPH NEWTON, LA NDicapto Archrrbct WANT of a Young Man ant an ASSISTANT, to go to New York Uno eapable of making Working Plang foni rough kietchea nnd

 earilest ant thilicn ass zoon as he relurne to London.
WANTED, TWO or THREE exparienced MEN, in

W ANTEU, a GARDENER and h1s HFIFE, the former Laundry. Two family 18 small. Whres for thot tho lattor Datry and




WANT PLACES.-Letters to be Post Paid
H XPERIENCED GARDENERS (or as GARDENER



To Gardeners and Badinis (Head, Foremen, or Under)
I AMLS CARTLR AND CO. having many hpplications
fit ENTRY In their FREE REOITTER. Oaty those who can hend
Any lady or Geutieman requifigg garpeners or bailifrs
 Gardeners and Under Gardeners
WM. CU'I'BUSH AND SUN beg to state that they Fhose charnctera mill boar tho sirictest wourry

 Melons, Orchtdas and the profeasion in All ity branchoa.GARUENER (HAAD) - Middle-aged, married, two

(YAKDENLK (HzAR); married.-Mi. W. HILL will be




CARDENER; married, one child, fre fark


(YAKDENEK (now at liberty, any happy io Alve an engagernent). In the prnme oflife mander
 Wead Eall, Brentwood, orersex
GARDENER (Singiv.-His)TP)
CARDENEX (SECOND)-Age 22; hifth THOMAB ARNOLD, The Grartens of the Yerqual GRUENER (UNDEL, or BiNGLEBNOF CThuENELR (UNHEIL). - I Resperlab e I C Eatablabmento to work in tho Homan' or rade
 TOREMAN, PROPAGATTOR and GBUNt

 To the sood 7rade.
 (ASSISTANT) - Age

Che Gatdentrg' chromile designs For Winter gardeas

\& $A T C R D A \mathcal{V}^{*}, J L^{\top} L Y 3,1869$ 。
TEREDITHEting Apparazus. J.
 दुदूB WIRE-WORK, consisting of ARCHES,


CRIENCHALRO
Af. R TUKLS Bnd Watering pots.
htrat Laws mowers
Yc att lic neb
To cat 14 , inction
surtable for a lady
Butablo for a $\ddot{\square}$
$\pm 310:$
1100
$\begin{array}{cc}55 & 10 \\ 680 & 0 \\ 5\end{array}$
 Fillijail s. burton, Grnzral Fubniableg

 hitr sm Britaver Dtahes. Rit cren Egh-mat
 Sher Ravee hage Gie ers. Bedding, and Bed-hanging
Bedroora Cabintt Furulture
Turnery

 an Pant s Plmoe, and 1, Nowman Yard, London. CONSERYATORIES, HUTHOUSES.

GREFNHOUSES, VINLRIES PEACH CASES, \&r.

DENNIS \& COMPaNY, Horticultural Builiers. CHELMSFORD, ESSEX,

Beg to inform their Friends and the Fortioultural World generelly that they will have SPECIMENS of their NRW and IMPROVED
WROUGHT-IRON BUILDINGS for GREENHOUSES, CONSERVATORIES, \&c.,
For inspection at the forthcoming ROYAL HORTICULTURAL and AGRICULTURAL SHOWS at MANCHESTER. Also of them
NEW PATENT A1 HORIZONTAL TUBULAR BOLLFRS.
STAND in AGRICULTURAL SHOW GROUND, No. 379.

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II OT- WATER APPARATUS of every degcription,

 ClRASINN'S PADHNT GLASA BT'ILDINGS for


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6 th. by b ft, D Juld Lighte, do. With stouit Portiblo $\dot{\text { Gex }}$, nö Painted four coats, and
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lroparaid and Fited solvered, acid fixed w.th lranwurx Finsulury steam Joinery Works, 121, Bunhill Row, E.C.
RAIN-WATER PIPES. EAVES, GOTTERS, O-GEE WOHALF ROBND And CONSEXIONS, HOT-WATER PIPES, Liverpool, Bristol, or equivulent. Farge stoot kept at the Worka.

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 whate on one pat, at at redurnipry "; and, fir lenlern of that siz

PRICES-24in. by $26 \mathrm{in} ., £ 4 ; 20 \mathrm{in}$. by $22 \mathrm{in} ., \ddagger 3$ 2s. 6 d .; 16 in , by 17 in , $£ 210 \mathrm{~s}$. Delivered Carriage Frec to all the prineipal Railway Stations and Shapping Iorts in Englemd.

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THE RUYAL HORTICOLTURA1, SN 11 IT
 THR NEW METEOD of GHOW1NG FRITT, by bh
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 New and Enlarged Edicion
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THE Coult, -OA Friday Aternoon the Duke of Cambridge, as President of Chrisf E Hospital, weat to Windsar with the boys of kie koyeir drawluks and King Charies Majesty. The Queen, acoompaned by charta to Her ariseshy prinenss Bentrios, afterwards Prinoess Chrisisi in the Great Park. On Satunday morniag, the Queen, scoompanied by Princess Caristian and Precess Louion whe present at the formation of a pontoon bridke by the Royal Enzumers, formation Datchet and the I mme l'ark Jn the afterbetween Dathet limee and I'riness of Wales, the Vreroy no L, byt, Haswon Yarha, and Tonsson l'acha, arrived at the Castle from Loondon, and acoompanied the Queen and Royal family to the Great Park. Wer the reMisjesty reviewed Prince and Prmcens of Wales, and the Viceroy view, the prince and Pa, Tuns-on Y'aha, and the Proce of Princess of Teok, left the Castlo for Loudom, In

## THE GARDENERS' CHRONICLE AND AGRICULTURAL GAZETTF

the evening the Qucen, accompanied by Princess
Louisa and Princess Beatrice, drove to the Home Park, to witness the battalions of Foot Guards crossing the pontoon bridge to Datchet on their retura to London. The Lord-Lieutenant of Ireland, the Counte visit. On Sunday morniog the Queen, with Princes visit. On Sunday morning the Queen, with Princess Louisa and Pribcess Beatrice, attended Divine service at the camp of the troops in Windsor Park. The Rev. Henry Hawtrey officiated. In the evenink her Majesty,
with the Princesses Louisa and Beatrice, Prince ChrisFith the Princesses Louisa and Beatrice, Prince Chris
tian and Prince Leopold, paid another visit to the camp, and after driving round the encampment Which was thronged with visitors from Windso and the surrounding district, the Queen alighted
and ingpected the tents and quarters of the
1st and 2d Life Guards, the 5th Dragoon Guards, 1st and 2d Life Guards, the 5th Dragoon Guards, Monday morning the Queen and Royal family lef train on the Great Western Railway to Paddington and proceeding thence in open carriages to luyekingham Vicero of Eqypt, the Royal famly and a farst to the the nobility, from half-past 4 to balf-past 7 ore party of the gardens of Buckingham Palace, where tents had been erected for the occasion. During the breakfast selections of instrumental music were played by the Guards, and her Majesty's private band, and concert was given by the Tyrolese singers and the Louisa and Prince Arthur were nresent at the Phil harmonio concert in St. Jamea's Hell. On Tuesday Windsor by special train Royal family returned to Windsor by special train on the Great Western Railthe 17 th Lancers. Prince Arthur left the Palace for Houmslow to march with his Battery of Royal Artilery to Woolwich. On Wednesday the Queen drove out, Princess Louiss, Prince Leopold, and Princess Beatrice left the Castle for Aldershot Canip and was a review of the troops in camp. The Prince of Wales met her Majesty at Aldershot, and took part in the slept at the Royal Pavilion on Thursday night, and yesterday morning, after going through the camp returnen to Windsor
Marlborough House on cess of Wales returned to the Queen at Windsor Castle. In the afternoon the Princess drove out. In the evening the Prince and Viceroy of Egspt. On Saturday the Prince and Princess went to Windsor, and were present at the
review held by the Queen in honor of the Viceroy review held by Queen in honour of the Vioeroy
of Egypt. On Sundsy the Prince and Prin-
cess attended Divine service at the Chapel Roysl St. James's The ermon was preached by the
Hon aud Rev. Augutus Phipps. On Monday th Prince and Princess went to ledhill, where his Royal the Idiot Astlum at Earlswood. In the afternoon their Royal Highuesses were present at the breakfast given by the Queen at Buckinghan Palace. The
Prince and Princess afterwards went to the Philharmonic Concert at St. James's Hall. In the eveniag by the Duke and Duchess of Sutherland at Stafford House to the Viceroy of Egypt. On Tuesday the Prince inspected the corps of the Royal Body Guard of Patare Palace. Their Royal Highnesses afterwards went with
the Viceroy of Egypt to the fete at the Crystal Palace. On Wednesday morning the Prince presided at a meet ing of the governors of Wellington College, at the the evening their Royal Highnesses dined with the Duke and Duchess dAumale, at Twickenham, and of Egynt by Frances Countess Waldegrave, at Strawberry Hill. On Thursday morning the Prince went
to the Charing Cross station of the South-Eastern Rallay, and took leave of the Viceroy of Eeynt on his departure from England. His Royal Highness where he took the head of his regicuent the loth Hussars, in the review and manoeurres of the troops ing the Prince dined Fith his reviment in camp. Yesterday his Royal Higness, with Prinoe Arthu
present at a cavalry field day in the Long Valley,
DRPABTU RE OF THE VICROY Highness the Vicrey of Egypt left London Thursday morning for Brussels. On Tuesday eveniag Wis Highness dued with the Prince and Princess of Whe Caledonian Bail), On Saturdaf thwards attended to Wiadsor, and was On Saturday the Viceroy went household troops by her Majesty the Queen. In the evening his Highness went to the Frevch play at St, James's Theatre. On Sunday afternoon the Vioeroy noon his Highness was entertanned by the Queen at a garden party in the grounds
of Buckingham Palace, and in the evening
dined with the Duke and Duchers dined with the Duke and Duchess of Sutherland
at Stafford House. On Tuesday accompanied by the Prince and Princess of Wighoss,
went to the Crystal Palace, concert, a display of the great fountains, cond illuminafote his Highness and looyal party weour. Durnug the dinner by the Duke of Sutherland. On Werdued at the Viceroy inspected the Merliopolitan Fire Brigade,
steam fire engines in the gardens of Buckingham Pbiace. In the afternoon his Highness paid farewel Duke of Argyll, the Earl of Clarendon, and the Archbishop of Canterbury. In the evening his Highness went to Strawberry Hill, and dided with the Countess Orances) Waldegrave and Mr. Chichester Fortescue On Thursday morning his Highness left Buckingham Palace and proceeded by railway to Dover, Where Bighness was received at Dover with full military honours, and was esoorted across the Chanael by a
squadron of ironclads, which saluted him on embarking squadron of ironclads, which saluted him on embarking At Dover and on his arrival in Calais ko
The Cabinet.- A Cabinet Council was held on Saturday in Downing Street.
Consecration of Colonial Bishops.-On Tuesday three colonial bishops were consecrated in Westof Bengewortl, Worcesterahire, as Bishop of Bathurst in Australia: the Rev Wm Garden Cowie, rector of Stafford, as Bishon of Auckland. in New Zealand; and the Fen. Walter Chambers, as Bishop of Labuan. The by the Bishons of Wly, Lichfiold W, and wer, London and Colombia; Bishop MDougal and Bishop Ryan The sermon was preached by the Bishon of Tichfield The Peerage.-The Queen has direoted letters patent to be passed under the Great Seal granting the dignity of a baron of the United Kingdom to Baron Rollo, and the heirs male of his body lawfully begotten, hy the title of Baron Dnnning, of Dunning and Pitoairns, in the county of Perth.
The Reven de.- The Revenue returns for the year and quarter ended the 30th ult. show an increase of thand. on the year, and an increase of 563,0111 . on the quarter. The year's account shows an increase in Office, $60,000 \mathrm{l}$; Crown Lrands 15,000l, ; Miscellaneous, $606,785 l$. : and a decrease in the Customs of $118,000 \mathrm{l}$ Stamps, 34,000 . ; Texes, $81,000 l$. The quarter's account shows an increase in the Customs of $62,000 \mathrm{l}$. Excoise shows an increase in the Customs of $62,001 .$. . Excise
114,000 ; Stamps, 114,000l. P Property Tax, $220,000 l$.
 deoresse in the Tares of 46,000 l.

## fForetgu

France.-The Emperor arrived at Beauvais on Sunday, to be present at the agricultural exhibition, and met with a splendid reception from the citizens address from the Mayor his the town. In reply to an ad I from tho Mayor, bis Majesty said:
The progoice that by coming here I am able to bear witness to
 or the gnod order now existing will assuredly never bo

In reply to the Bishop of Beauvais, his Majesty said wat he al ways refelved the addresses of the bishops with great marks of deference, because they invariably contained expressions of piety, and never faited to call to mind holy doctrines. Should his prayers be heard, religion would be held in honour, the people would be
happy, and France great and prosperous. The newly olected Legislative Body assembled for the first time on Monday, when M. Rouher, Minister of State, read the following statement
"Tho present extraordinary session is necessary in ordor
to hasten the verification of the electinna, and thus putt na end
to all uncertainty respecting the vald oo all uncertainty respecting the validity, of the clectoral pro sont geasion bas no other object. The recorpopition of the
Legislative Body by the proceng of universal suffrage is a
natural opportunity naturai opparunity for tome nailon But manifest its thoughts, political reasultto of this manifestation
people should not be precipitate. At the ordinary session the
Government will subnut to the high conslicration of the public bodies the resolutions and projects which seem to
the most calculated to realiee the wibhes of the country." This declaration was received with marks of approval rom several benches, and the Chamber adjourned In he sitting of Thursday 69 elections were declared valic th is a.sserted that MM. Emile Ollivier, Serris, Buffet and other members of the Third Party, will to-day cal he attention of the Government to the necessity of atisfying the wishes of the country by letting it tak part in a more efficientmanner in the direction of publi atrairs." In consequence of M. David, Vice-President of the Legisiative Body, having been raised to the rank or Grand Officer of the Legion of Honour, M. Schneider, to the Emperor, who declined to sent in his resignation that in conferrine the declined to accent it, and stated intention of offending the dignity of Mavid he had no of weakening the moral authority of the President the Legislative Body His Majesty, moreover, forsess a reactionary significance, and concluded as
avoin any policy of my Govermment is ahown so clearly as to
elections, it will continne the tasetation. Now, as befur tho
M. He
M. Henri Rochefort has been seatenced, on the charg of complicity in the illegal introduction of the Lanterne 10,000 france, and to the forfeiture of his rights as of tit the Legelislative lis Bodght of voting and his eligitility The proceedings againast the Shecle have resulted in the prisonmation of M Limousin to one month's im Mrisonment and a 500 franse fine, and in that o 500 francs fine. In the caso of the Elisonment and a
M. Herbette has been sentenoed to Nationale, M. Poulet has hanes; and month's imprisonment and Senor Sagasta, Minister of Government would punish
stitutional mapien the Minister of Justice dec the sitting of Tuesday the
propned amendrents to the Article relatinitatis of the majority held on

## Admiral Topete.

Cortar General Prim, in
declared that
of attemptins
ondeavours fowards consolidatin
sitting of Wednesday the Cortea de
Budget of revenue, and authorised the
lay out the sums necessary to
seryice durigo nessary to be expe
1st inst. Admiral Topete declared
public arsenals should be carried
if he found any firm wh
political revolution ha
ad benised
Genoral Dulce arrived at Madrid
Cuba.
Portugal.-The Chamber of Deputien me
Cardinal-Patriarch of Lisbon is
BELGIUM. It is generally
difficulty has occurred in the reported on the railway question. M. Vanderswee Paris on Friday. M, de Beaul Maris on Friday, Mr de Beauli aequaint his Government with the by the British Cabinet that Belgium shoul demands of France on the railway ques asserted that M. de Beaulieu has return will act in the manner desired Wil zot in the manner desired
Tuesdoy and on the same Tuesday, and on the same day had a lons day. A Royal Cabinet orde
Mranting Count Bismarck leave of abse Presidency of the Ministry
relieving him of the duty
Councils.
Iraly.-The King paid a vist to the Aosta at Spezzia on Saturd
an undulatory earthquake wa N.N.E to SS W. The clocks of and the bells rung by the sho
Commission of Inquiry into
Convention having heard the affar of Brenna, Fambri, and Civini
rested, and having examined the dou it, has decided to reserve its opinion after further investigations have been has also determined that the
cuted at the public sittings of the Cnamb first of these sittings on Thursday, De Lobbia, Fambri, and Brenna were examuen
Papal States.-The Pope delvered an
on Friday in a Secrel Consistory leld deplored the new law adoptod in Italy olerical pupils to military conscription infringement of the immunites, the mg evils afflicting the Church in Austria sod and upon the just complants of the bino countries. The events
sadness and mournin
to the exile of Catholic
undaunted by those trials, 4
H is Holiness said, in condulu
of Christ consider how terrible

## enemies Let us constant

Father to bring them back from the was freshe pathis of justice, and to crown the St. Peter and SEt, Paul, the Pope performed in St. Peter's. The
attended. The Pope read the usual p
invaders of the patrimony of St. Peter to the 19th May state that the election deoided had placed the Conserv leader
majority. Mr. Solomon, the party, and for 15 years a represer the ront aad lost his seat. The returas of the re penditure for last year had been pubsion The President of the Free
inauguration for a second term on
The Transuad
published within the ext
mall diamond
forpectors had returnea
find fuld in payable
falien in the payable

# THF GARDENERG CTTRONTMF INT AGRIMTITTRIIL GIMITTE 

## ab, have so long been kept in confine

## meen for warded the frontior by was

Lextilative Council of the Viceroy met me this seaxon at Sumla on May 19, ari Mayo is inkely to invite the Duke preant at the great Agra durbar in A line of steamers has been started
in runnm bet ween Brosch, Gogo, and It is sald that from Sheagaum to of the great cotton marts of Central to of Khanquam and Comramuttee ore extension of the Great Indian ber Majesty in March lost, are to be Chinese. Liore than a sufficient to leave the Straits Settlements for Proposal have been puablished for holdHin in itiod
i. Imperialists have pained a simal e Mahomedan rebels, 20,000 of whom Ilong Kong. A proclamation has been oochow waruing the authorities and ind.ly their rancour towards Curistians, wners are allowed by please, and that if
church members they do so volun-
not forced. The proclamation onjorns artb to mind his own business, and not mine which are to no purpose, and only d.nobey the proclamation, such severely punished."
mut and severe. jamis state that further Advices from Japan state that further
bren offered to foreigners, and disturbances
$\qquad$ TES. -The nstionsl monument at GetThy of all the soldiers who fell there, on Thursday. All the survivors of the An address wbs defivored by Senator Ialaua. Mr. Henry Ward Beecher offered
ant a foem was recited by Mr. Bayard nninal sirkes, the newly appointed United ter at Mudrid, sailed on Thursday. It was or Thuseduy that the public debt of the month of June. The State Department has manats c of the insurgents. Two small steanceraban znsurgents, were captured on Tuesday : Loag Island Sound by a Revenue steamer. is believed that the steamer conetoander of the expedition has been
several addational arrests of nembers Junta in New lork were made on Banks, mewher of Congress, 18
tae recoguition of the belligerent Cue recogaition of the belligerent ash1ngton has informed the State hat he will demand his passports if any surent envoy. The ex-President, Mr Jonason, is in Washington. Mr. George
as been apponted Secretary of the
Mr
Borie, of Pennsylvania
Tue lepublicans of Maine have nomi have Charried the munion Governor ans have carried the munioipal eleotion
The New Hampshire Legislature has the coustitutional or negro suffrake The registration in Virginla shows a
u,000 white voters. Irish Republican organised in all the prucipal clties of La e neat crop now growing is the largest
tas been raised in the United States. owever, are committing terrible ravages opsin Utah and the adjoining territories.
dians have been renewing their depreda-

## Barliantent.

ds, on Monday, the Poor Relief mendment Bill was read a
Earl De Grey and Ripon Readiag of the Endowed Schools elly explained its object and provisions.
s stopported the Bill, although he feared went far enough. He lamented incierved as a basis for the education of the Ine Bishop of ELY objected to that part of saracter of the governine bods, and to ret tration passed threspeet to religious instruction. arks by Lord TacNh Committee, and after han Earl of Carnarvon, Eurl Fortrscere undarch the lifouse went into Committee of the preamble of the words prohibiting ciergy, or the for the maintenance of any aod ountended that Parliament was bound

Cathoncs and Presbytariana. Barl Granville oppooed think that the plan of enncurrent culdomment pract cable The Mishop of (O) Fonlin regarded the question or disestablishment as irrevanably settled, hut lordships would deal kenerousls with a Churelh wbirh had yet to learn the lesson
was worth being extablished ive disestabishment protracting of the struggle as the deprecated the all possible injuries to the Irish Church, and thought that the residue might be properly appled Bishon support of other denominations. The the Jishop of Oxford, though personally prevented from taking part in the debate on the seceond reading, pressed on that vocasion, and intinated his ascent to the principle of oomeurrent endowruent. After Earl of Diumosi Lord Caizns, Earl Rtgsele, the Ear of Datirougi b, the Archbishop of CANTERBCRI
 whom spoke in favour of the 1hake of Cleveland's amendment, Harl Gues withdrew his wations. The defining the short totlo of the B.11, was agread to. (1) clause 2, providing for the dissulution of the Jezinative union between the Cburches of Eingland and I relane on and after the 1st January, $15 \% 1$, the Archbustiop of Canteracry moved to postpone the date of dissolumondment hr jear, and, on a division, carried ha amendment hy 130 to 0, being a majority of fis mainst Clause 3, relating to tho appontment of Commissoners, Was also amended at the insiance of the Archbishop, by requiring that the Coromissioners should be members Lord Moxck moved an amendment, piving the right of appeal from the decision of one commissioner to the three. The amendment was arreed to. The remainder of the sitting was occupied With the discussion of the commissioners, and prohibiting future ecclesiastical appointments by the Crown, all of which were aproed to. After clause 10 had boen agreed to progress wa heen read a third time and passed, the House went into Committee on the Irish Church Bill. Clause 11 was agreed to. In clause 12 the date 18,1, in accordance was altered to 1872 , on the understanding, suspesterl by Lord CAIBNS, that the question of restoring the origmal date should be subverquently fonsulered. An addithon to the clanse, moved by T. rd
to the chaise, moved oy hate chles-, that properts
of lands belongrag to sces suppressed by the Act William IV was accepted by the Government. tion of the existing restriction on the election of Irish rlergy as members of the House of Commons. The Earl of Clancarty moved an amendment to preserve o the prosent Irish prelates their right to sit in the Salisbeby, Lord Catrys, Lord Hociatos, and ther peers, supported the amendment, which was HESTRE moved an amendment, suthorising the bishops use their teritorial titles wathout incurrin bishops to use their Eeclesiastical Titles Act. Jar Grasper under bosed the amendment which wa Gratied without division. In clause 14 the Bishop of P ( the the holders varly income the tax on clerical incomes rom then yourmensioners. Ear Grafyille and the Duke of Abgyll opposed the Grendment as repugnant to the prinerple of the Bull. On a division the amendment was carried againat the Goverament by 91 to 50 . The Marquis of Silisbuthy noved an amendment that curates salaries should pot be deducted from the After some discussion the andication suggested by Lord Kimberley, excepting cases where there existed a legal obligation to employ a curate. suendment that incomes bolow 200 l. a year should be raised by the Combelow 200l. a year. The motion was opposed hy
 clause e3, the Earl the commutation of life interests, and fixing 11 years' purchase of the aggregate yearly income as their value. The Archbishop of york sad oxtent, he would withdraw in its favour the amend ment of which he had given notice. of Kimberley and Earl Grantille, who offered compromise on the part as's amendnuent was carried against the Government by 155 to 86 . Clauses 28 and 24 were then agreed to, and progress was revtion to Yesterday card resding of the Life Peerages bill on the 8th inst. The House thea ws ent into committee on the Irish Church Bill, When the amendment which LIND stated that in referenoe to the amet the Marquis stands in his name, he had decided to le concurrmg in of Salisbury take preceuence, entre ustice and expehis smendmentrong the Marquis of salisack then proc
In the Commons on Friday the Bankruptey Bitl
and Bankruploy Repoal Rill puned through Com-
 L. A: INTEITHFR marle nome remarke on the discourteous rexeption given io the Pacha of Eigsplon
his landine at lower and on has arrail in Lundon. Mr BrCere gaid that a zuitable volicie waw is watiog arinee had done before himp, prearerred to nany an Eughush pier to the ratloy station, Mr c'araw rit expresped his reeree that the escort intented to have nommBunch the iceproy froms Charing (mass alation tm Buchangham Palace had tool arrived in tume and raid hat the oflicer in rommand had beers reprimanded for his inattention. Mr FAWCETT called attention to the the endition of womsen and rhildrented enulored in agnulture, and moved a resolutwon that the ed seation of ahourern was in general in mu un-ati-fantory a condition imperatively demanded, and that the Guveroment ought to legustate upon the subject during the next session of Parlament. Lard F (AVEYBISH monded the motion which was supported by Mr. M Wurre-
 must he employed ammlar to llat whitu had hevely

 hasd coneluded their labours, their recommendations hould be catefully comsudered. A fart wome remarke
 and Colonel Brisk, the resolution was withdrawn The motton to foo into Commithee on the Metropelitan Poor Act (1:sin) Amendment Brill wat opposed hy M'ABTHER, who divided the Ilouse on the quention and were defeated by 13,7 to 201 A submquent motion to report progrens was amreenl io by hit The Iouse then went intn Committeo on the Sunday and Ragzed Sithoolk Bill, and ather Elong diain orsion the further puogress of the bill wited, giving the suthorities impoang a raln power in exempt theno schools from them. The Mar pins of Hartisi, tons, in renly to a question from Mr fibiries, stated that the hall for the purchase of the teleuramas was ready and tain a clause kiving the government a monopoly of elegraphte commanication The ittonswe Gunprat. sube of a Royal Commusion ta ili pare into the pxist phe of exirruption amme tho loublin freetion sir 1

 Committee of Supply, Mr, CANDLIBH called ationtiod to the imperfoct af dit of the pablio scoounas, and to the failure of the departments to lay theif
accounts before the Auditor-General. Mr. AYBTON and Mr. Glanstone oxplained that the nem Aet was in its infancy, and that every effort would be made to prevent fallure in future searx. Mr. Tajlor called attention to the syatem of importing south bea I landers into Queensland, and aald that this imporiation was practically no better tian a legaised elave
 under the English flag, but thatalaw bad been passed by the Colontal Legislature, by which the whole arheme of emigration from the Polynesisn Islauds had been placed under strict regulation. The House then went into Committee on the Civil Service Extimates.
the vote for the Rayal Parks, Mr. (roldser complained of the expeaditure on the West-end Paris, and moved that it be reduced by the sum and asid that it had become absolutely necessary to expend 26,0001 . in reducing the depth of the water in the Serpentine, and layiok down a concrete bed. On a divislon the ving and wayes of the gate-keeper at Clarence Gate, Rochampton, whose duty appeared to to to exelude the public from enier ing of leaving Ruchmond Park by that gate, was opposed by Mr. A. GTE EST, and siruck out of the vote after a statement from Mr. Layarbthat he himself had been refused armintance. a subveruent aternpt ka made by Mr. 3soguex to omit fhyl. Iromin the vote defen. on a division by 112 wo.. Aa atempt by Mr. Monk to reduce the gas bull in the Palace of Festminster, and saot on ectunt of the restoratio of St. Stephen's ergpt, were also nnsucoasaful The votes for the acquisition of land for Westagreed to. The Civil Offices (Pensions) Bill was read a third time and passed. On Tuesday, on the order for going into Committee on the niversity that B.11, Mr. Bentince moved as an amendment that months. After somie disclustion tae man when draw. On clause 1 , on the motion ol Mir. in the scop the Universty of Durhsm was 1ncluded in the scope of the Bill. On clause 6, which repeas alasation of the ant of Unılormity, Mr. Raikes moved to retain it for masters of colleges and tutors. On a durthen pro clause of the Bill was then postponed unth Fridar. the Fenisn pronoers, and moved that it was the into the peual disciphue of our prisons, and whether
politioal offenders should be regarded as a separate fBRLAMD opposed the motion, and after some discussion it was negatived on a division by 171 to 31 . Mr. Hibbert county conrt Judges addltional remuneration to the extent of 300l. per annum each, in consideration of the new juriadiction conferred upon them. The motion Was opposed by Goverament, and rejected on a division by 102 to 50 . A motion made after two o'elock by the
ATtoener-GBNEBAL for IBELAND to bring in a Bill Attorney-Gbneral for Ibeland to bring in a Bull
to issue a conmisson of inc utiry into the corruption of the Dublin freemen gave rise to a sharp diveugaion
Colonel TAYLOR, Mr. HRNLEY, and Nir R. PEEL objected to going on with the Bill at that late hour. One motion to adjourn was defeated by 100 to 52 , but the Government save way to a second, and the debate
was adjourned to Thursday. On Wednesday Mr. 3brtcestatel, in answer to Mr, Exfyn, the reasons which had induced the Government to decline to undertale the prosecution of the Overend, Gurney the Cabinet, Which had come to the conclusion that there Was nothing to take the prosecution out of the $P_{\text {PLL's }}$ motion, that the agricultural returns, now made annually, should after this year be discontinued, and collected every fifth year, Was rebunaed, when Government, and said that the returns would be of no value unless they were collected every year. The motion was ultimastely withdrawn. Mr. M'GuREN nuity Tax $13 i l l$, the object of which was the reduotion of the number of ministers ohargeable upon it in Edinburgh, from 13 to 10 sir $G$. Mill be read a second time that day three monthas, After some di-cu sion the llill was carried, on a division, by a majority of 9 , the numbers being 151 to 142 . The
adjourned debate on the second reading of Mr. W Johnston's Bill for repealing the Party Processions Johnston's Bill for repealing the Party Processions Act was rosumed by Mr. C. Furrescce, who said, but would institute a careful inquiry into the working of the act to ascertain whetber it required amendment,
abolition, or more stringent execution. The debate abolition, or more stringent execution. The debate
Was again adjourned to a day to be hereafter fized, Mr. Johnston raising a laugh by expressing \& hope that it Wresent on that day, On Thursday the adjourned debate on the motion of the AtTornst-Gignerat for Ineland for leave to bring in a Bill appouting Com-
missioners to inquire into the existence of eorrupt practices among the freemen electors of the city of Dublin was resumed, and after a long debate, leave
was given to bring in the Bill by 239 to 136 . Lord Excmo called attention to the adulterations of feed stuffis and manures, and moved a resolution calling on
the Board of Prode to take some action in the matter. called attentiont a division. Mr. Eihis agsag prosecution of the Orerend-Gurney directors, and urged the Government to let the and Mr Glaustose contended that there was BROCB in the case to warrant the Government in departing from the usual course, and after some discussion the subject dropped. The Imprisonment for Debt Bill was read a third time and passed. Mr. Goschen withwent into Committee on the Sunday and Reared Schools Bill, when Mr. BagLEX's amendment, that hie be left to the discretion of the municipal and paroohial authorties, was carried on a division by 104 to 67 , the second reading. Eventually the House resumed. without further progress being made. Yesterday when an amendment by Mr. VILLTERS in clause 1 , to "subtitute the words "rateable licreditaments" for and carried by 219 to 121 . The House went into Committee on the Fniversity Tests Act, when a long discussion took place orl Sir li, Palmer's proposed diause, imposing at test on Professora and others. The olause
ultimately withdramn. The
Hense was leftsitting.

## (1ty EnteItgence

## Money Market, Friday. - British Funds


 83 to 83 ; Chilian (1867), 931 to 91 ex dlv.; Drazilian, Eight per Cents., $87 \frac{1}{2}$ to $83 \frac{1}{2}$ ex div.; Honduras, 83 to







## Atetropolis and its Vicintto.

## 

 the Crystal Palace in honour of the Vieeroy of Egypt and the Prince and Princess of Wales. The crowd of visitors was immense, the admissions by season tiokets a total of 88,828 . The entartanment commenced witha eonoert, in two parts, under the management of 8 ir
Michzel Costa, assisted by a body of more than 8000 singers and players. The Royal party did not arrive they tor the tirst part of the concert, but at 6 oolook oecupyng the centiral chair, the Princess of Wales At the close of the concert the Duke of Sutherland entertained the whole of the Royal party, to the number of 42, at a banquet, while the great of view from which the guests could look from their plates to where the whole series of basins were flowing in
wreaths of snow-like foam. At 10 o'olock there was a display of fireworks. The grounds and the water temples were illuminated with coloured fires of varied hue, and the magnesium balloons made the gardens as light as day. The set pieces first shown were those in of Denmark, and consisted of their respective badges displayed in variegated fires, and after a flight of
brilliant asteroids, the shield of his Highness the Viceroy was displayed in gorgeous coloured fires, and
the whole length of the terraco was occupied by soldiers, placed at stated distances, who at a given signal gave a salute of coloured lights, The display conoluded with a grand girandole of rockets.
Dinner to Hre Majesty's Minibtrere
Mansion Hotre-On Wedneadgy the Lord THe gave his annual dinzer at the Mansion House to her Majesty's Ministers. The principal speakers were the Prime Minister, the Lord Chancellor, the Home Secratary, and the Chancellor of the Exchequer. Mr.
Gladstoues in. responding for the todst of Majesty's Ministers," spoke as follows:-

I may prosume to eay that I have not been unfortunnte in the nature, in the qualities, and stamp of men whom I was
 disposition on the part of the country to complain of the manner in which either the admidiatmitive or leglslativo
dutics of the great departmento of the State have been gene mally cunducted, Also I Imay venture to discharge a dobt of
duty to the House of Commons. That $H$ House was eleoted
 discusaions the precious timo that ought to be dovoted to the
noble taak of buildthe up the happinems of the people. I beg noble task of onding up she happinens of the pconle. I beg
to refer to one pautiar subject with which omidal relations
long connected me. For the first timo during many years if see a House of Commonb more disposed to take at atrict
mearure of ita duties, particularly on one cardinal and testing
subject-tate of public economy than is taken either by the public out-of-doors, or even by that daily Press by which the defen. led Nor can wo omits at a juncture like this, interest whifah, rising high above the mass of public questions, and claima for itself a special character-limean that great liagdomes, to a main porthe cond of whinch of one of these beer our duty dinging the presont portions of whinch it bas been our duty
cumpany is wrell aware, 8 the whole country ourealves. This the House of Commons, and, her Majeaty's Government in the House of Commons, have at lcast beatowed their best
 pature, forms a vital and essential porthon of the work of
Treland and of security for the empro. Vuring

beyond our portals there lizs leeen, I am and sid, great exciteruent
in the country. We have read of meeting here and there, and there has been $\pi$ blaze of sky ruckits rupeated frum point to point around the whole horirom. We are told of the more severs than it would be conventent on thís festive occagion to recall. sangline sntiolpations were
entertained, in the first fnatance that our measure
would elsewhere meet with a eppedy doom. Since these would elsewhere meet with a rpeedy doom. Since these
anticfpations have been disapprointid others have been risise.
up to serve the same turn, to the elfect that if the Bill, as in up to gerve the same turn, to the elfect that if the Bill, as


 We have remalued tranquil for this reasom, - hit thas tirst phece,

 and every change proposed shall be respectfully con
sidered, even though at the firat ruoment, nsy, it mas
possibly be, at the lat moment, two shall possibly be, at the last moment, wo shall not bo able
to rogard it as an inaprovement But every change proposed
ghall have our respectful comalderation. It shatl have that in which we skand, of the words we have ofpoken, of the
pledges we havegiven, of the commisaton we have received. Thosu pledges were few and ofmple. We told the collntry in Church wan to be removerg from that pouitimon of legal prevethose conditions : above and before all, thero must be a most

## 

 that both branches of the Legialisture nill
the adjuctracnt of thie great controverny
perception of who


THE MAst書RSHIP OF TH: Th resignation of Archdeacon Robinann, hes ther upon the Rev. Dr. Vaughan, vicir of D
brother-in-law of Dr. Stanley, Dean of
The Frenot Atcavito Cable-A that recoived at Minou on Saturday moning at every indication of a slight fault
sible to localise; and that it had proceed. A subsequent telenram sis was removed from the cable iu noon. Another telegram stated that the asble, and that the operations had tow th hours cutting out a tuird faul electrio condition of the cable and the fault sas sad to b Way to affect the prachal work
Wo Inesday, however, the Great
thinout they were prin: buoy it. It has sinco been ascertund init
discovered on Wednesday morning 4 came on suddenly, and obliged thean to roing well yesterday on board the slaip was in latitude
THe Bermuda
in tow of her Majesty's ghins ducac utian liud, with the yaddle-frizate Tern it Now
hawser astern as a "drag" for gtherin uit out steamers on the port and starboti down Channel of Plymouth on Frida four and a half lknots per hour, The 10,000 tons of iron, and some
the magnitude of the enterprise
Indies from the fact that the su tadron oonvey it to its destination is collpost. tons, 1.9 guns, and fozshorse pater,
stage witl be from England to 3nater from Madeira
tion. At Madeirs ine Northunverasi. Trge to tho Wan. At Bermuda Channel the CommandetWest Irdies will be on the spot, or sed ance, and this last stage is thoug be the most critical part of the

THE Explosion at Hotwsiwn.explosion at Hounslow has terminated 1 Acoidental Death, coupled with Goversment inspector

## powder-mills

SHOCKING HBagzidy IN THIS Citi. morning a whole family, con foud do in Losier Lane, Surithfieli, under tr ram names of the father and mother wer IJumen, 38 years of age, and Enums the ehtaren,
respectively 13,1 father was a working silversuith
Messrs. Chawher and Co. who have nufactory and ollice in Hosier Lan firm,
had falen into ill-health, and bud dical advice to relthquish ha the discovery of the tragedy. stated that if they went to Lane, on Monday morn to interest them the hulls iod through a window at \$1se
rown and that of the eldest boy on an bechy of the father lay alone
table fluss and a spoon table flass and a spoon
bed-elothes in one of the bed-rlothes in one of
botle abrut, 3 or ${ }^{\text {a }}$ inches smenami. acid," and "Posen," thess, and another bottle, pren: s Bible, contaimong the names : tie falior and mother abd of the the heals of the hattle househice foum i m one of the room and ty it the polue were able to
and were wo their night dresses, and lay
 is. cobnemel, and there were no truesle. The thildres had evidently It was therefore inferred that they sse ir was therefore inferred that they +1. 3hpltelfect they must have been for ded on duphonge of the dead bodies. sulpoomd to havelaid out his wife, and - re lh. trother at Bristol, telling him treated with great harshness and thene one of the grartners in the firm, Th redureu it was qunte clear that he and his in would eventuaily die of consumption witc ruson them all with prussic acid 4 Wednesday the medical evidence hrd been caused defended himself from int ansunt him in the deceased's w.th every considoration. The exphanation. After 10 minutes cturned a verdict "That Walter Fama Iuchen murdered their six children, nuetreyed heir own lives, while in an unit. The athir has caused a painful feetTfth reference to the six ohildren, thours speak in touching terms. and
Itly aprearance was rreditable to the - lay evermy, about $90^{\prime}$ clock, the father intay the house with them, apparently of the nuzhbours ar henlill - TheW eokly Return of the Tone livio brths and $29 \% 9$ deaths were findom. The annual rate of mortality Sin Elicturgh, 18 ma Dublin, 20 in Bristol, one... a JLellield, 1 i in Jradford, 21 in Leeds, int.. a Selleld, in in lraurord, in in Leeds, The rate in Yenna was 3 ? per 1月0m during Ne the lith uit, and in berinn at. In se orths of 10 su boys aud 1020 girls, in all
sen, were registere in the week. In the sen. xere repisterel in the week. In the Hedt for increase of population, was It was the goth week of the year, and plation, was livis. The jreseut return trant the estimated amount.

## Trobixcial.

rasi-A frishtful accident occurred on Wed azles from this town. A shipload of nitro a then Liverpool, arrived at Carnarvon bar, Trevered in hoits to the pier. On WednesWoon fie cartloads were despatched, two for hetri: Dethesda quarries. at 6 o'olock Thr wore near Cwymglo, a terrible explo-
1 Tio horses drawing the cart and tiree - int, atoms, and frigments of the cart-- infowis to great distance. In the - Too' were knocked davn, and windows At the spot where the carts were two rfeek deep and i feet in diameter, were Tho pioces, A cart-wheel was found 50 yards Whrs above the soene of the accident. The racioch, and damage was done in every part 1 rim meat shocle was lelt at Carnarvon and the for miles around. Portions of human a iver, two besides the three Ben who were vadd zaputation. Seven have sustained End 12 light injuries. The three other carts I. Hart, and were left for the night on the - Hivers of thest on Thurbday, it was proved thareless chirts had been drinking and in. The verdututions a concussion produced ati in prevals. Thousands have connelulibouring towns and villages to is Prune
Hitunal wing to the Carlswood Asylum-
Honday. The the Earlswood Asylum
 The ruasor of Reigate presented an lillean on behalf of the curporatim, to wheh the P'rmee returned frachous repty hacir Ryal haplatums wire then

 a male from the station. Thas pee ple for mults round
 as to be almost contsnuous, they bave expressun en iher dehint at the complument pate them
 was to be lad, the officers of the wham read an address, to which the Prime replied in a lorief sheenth In whell he aatd that the fact of his late tather bavin
 been laid with the usual ceremony, the Arohbishop of Canterbury offered an appropriate prayer. The Prince and Princess then took their reats and about 330 ladies scoended the daïs, and deposited on the foundation-stones soarlet leacher puree containing five guineas, making an obeisance to the Prince on processtors of gentlemen fuil thed, pali of whem alko
 purses wre land on the stone. but it was not untu! this portion of the ceremons had come to an oud the the company were informe l that after he had fized the stone the Prince handed the trea-urcr a chech for lof gumeas as his contribution to the charity. After
 the Prance and Priaceas planted a treo enels on the lawn in front of the buil ling, and then tonk therr
departure for London aundst the cheers of a vast crowd of people
Winnsor. - The review of the Household troops on Saturday in the Great Park, was a very brilliant and sucressful spectacle. The ground choven was nearly a mile long, and half a mile broad, situated between the Long Walk and Queen Anne's Ride. The Alexandra Stand, from Ascot, was ereoted on the right of the Royal enclosure at the falutno point, and was On the left of the saluting point there whe su euclosure for oarriages helonging to the Royal household. To the left of this, ngan, there was another enclosure equestrians could command a gond view of the proceedings. To the right of the Alexandra stand there was a smaller one for the accommenatond ample room in the front of the earrignes and all alot, the ine of sentrics, The trenpe were irital up in lime of
Long Walk, facing Queen Annés \&rate lioyal Lurse Artillery under the command of Major Durham, Colonel light commanding the whole of the artillery. The Household Cavalry were next, consisting of the Ist Life Guards, and numbering 275 officers and men, the 2d Life Guards, numbering 259: and the Royal io orse Woyal drullery, uumbering 11t, nas the left of the have. Fext to the eavalry were the of Balta, tun Irenadier Guards, numberine tival ; the 3d liattanom of Grenadier Guards, 603 ; the lat and $2 d$ Battahoms of Collistreams, Gos and bi'3 respechuely; and the Jot and $2 d$ 13attalions of Scots Fusiliers, numbering 0 and 650. There were therefore present about jot arthery, 190 cavalry, and 1000 inianty - th Dragoon Gunds and detachments of the 5 th, 7 kh , and 23 d Fusilers, which kept the pround. The whole force Fusulers, Was under the Colonel Light, the cavalry under Lord artilery uader col the infantry under Major-General Hamilton. At about 20 ninutes past 4 o'clock the Queen's departure from the Castle was announced by the firing of a royal Ealute, and, almost to the appointed miaute, oth Dragoon Guards, drove up amidst the cheers of thousands of Guards, drove the saluting pnint, which was kept by gectators of honour composed of a company of the

Fusiliers. The first carriage contained her Majesty, the Princess of Wales, the Princess carrase and the Viceroy of Laspt. In the second rarruas were the Pringes, Aary Prme Leophld. The thrd Louisa and Beatrice, and Prisee Leopache Tousson rarriage was ocupted by the lord in wating. The Pasha, Nubar Pasha, and rae contrined the Royal and viceregal suites. Accompanying the procession on horseback were the Prince of Wales bridge, Prince Teck, Price Chros broupht up by Edward of saxe Weimar. Wh. Whar lajesty had troop of the jth Dragoon (ruards. taken up her position at the gave a royal salute, afterwhicaluo $Q$ from right t inspected the whole line, driving slonly fomero staft left along 1 t , accompraied by and The manceuvres then beran, a which infantry, cavalry incidents of a sham fight, in which the tiank of a and artillery were employed wope form the side nemy supposed to be advaccin tha Gurd Quecu Anne's Ride. At the conda to the up line threir ont oovering points to the front to take up line preparatory to the grand selute. the third of eavalry in the General and his Staff in the centre, composure of of thenen the Guards, with that grand compoure of step and uniformity of front which congth, ad ranoed impression of irresistible solidity and strength, advanoe
an! naluted the Queco, and the Wiadeor feriow and mannuvrew mere at as end.

## trriand.

TIf Ihinit Cittheli Bili - A lemomatration
 Lurkin He thotisath drauze satice were mors, and
 the 1311 , and mademmed levell:

 peoplye with sulh vilence that tees here obliked to fire ufon them, bilhene a gothe hal and dankerously
 large Ludire, and were bat It.teriared nith.

## faxarkts.



11A Y, - Per 1 ane uf ut 36 Trancon


HOPR-[aHot. H Msnimet, Indy ]


 to 1 is : : 1
exglish woue



 Iendedly lighter th
ratus wal kcep up.
metrupulitan catila, mahket.
The aupply of Be wits is mueh emaller than in Monday Thi : the deunand has alses secresset colmideratily, and price

 and Suft
 We bave rather a larger menpty of Beanta, sod trado is


B


.. 5 -5 bi Calver


# TIE GARDENERS' CIIRONICLE AND AGRICUITT'RAL GAZETTE 

## metropolitan meat marEet,-July s. <br> Best Fresh Butter


LEADENGALL POULTRY, \&o
A very fair mupply of morre sverage quality, the Ayleabury eles by those from the Oxfordshife villages. Leverets scarce.

Ducks
Ducklings
Burrey Fowls

| Do. chickers.couplo, $90-12$ | 0 | Dores |
| :--- | :--- | :--- | :--- |


Fresh Butter 1s. od. to 1s. 2d. per $\ddot{\mathrm{b}}$
The supply of Wheat to this morning's market boin
 Wheat, and the buainees transeacted was limited to a fev needy purchasoors, who were compelied to pay last week' rates, excepting where factors were anxious to clear vessels,
in which casea they accepted 1 s . per qr. declina. Barley brought an advance of 18. Per qt. There was no change in the value of Beans or Peas. The oat tra.
per qr. reduction. Flour was unchanged.
price per imperial Quarter.



and Lincoin
 RYE


RyE.MEAL, Forcign
 - Foreign ...... - Maplo 418 to 458 . . . .... Groy 40- 12 Foreign $\underset{\text { Matze }}{\text { Flouk }}$

二 $\frac{\mathrm{ad} \text { ditto }}{\text { Foreigm }}$

$$
\begin{aligned}
& \text { ditto } 20-40 \text { Country } \\
& \text { per bagrei } 23-27 \text { Per sack }
\end{aligned}
$$

## Fridar, July

Since the 28th ult, Fridary haly had dry woather, bat the sky has penerally beent cloudy and the nights cold. Mitcra and wants. were casily influenced by the favourable weather (which has much finproved the growing crops), and beld back reluctantly made, and the Wheast trade throughout the king ift from the lat, hilghest rates for best forcigu and home
 The arrivals of grain and seed laden vegsels off the coust left over from last week, there rempained for sale last nigse $2 t$ cargoes. Tho finating trade ruled quiet, principally on arrived wheat and Maizo were more willing sellers, it from 18 Ry 1s. ©d. per qr lower ratos. Barley remained steady, and of
Rye there was nothing on offer. For furward abipment of Whent the dendad una very limited, the few transactions in short supply, and prices for this article as well sa Flour aro ${ }_{37 \mathrm{~s}, ~ 6 \mathrm{~d} \text {. por } 280 \mathrm{lb} \text {. The oight marks are quoted at equal to }}$ 380 cwt
of frotgn Barley we have no arrivale thif woek, of othe grain the supplies were smanl... There was a poor attondance both English and forefign, for Monday's prices, excenting where vessols were coming on demurrage, fin which case they Wero willipg to "submit to some decline; the busine es trang scted was unimportant. Spring Corn was unchangod in


Anduang impro July 1.-Since our late report the weather has guieter tome for all articles, ind the value of Wheat and Moor has somewhat reeeded, though not to the extent that Thight have been expeoted, owing to the smallneesa of stocks and owing to the fineneme of the weather, buyers held aloof at the sams t tme, holderse ovinced wo particulurers anxiety to sell quoted 18, per qre, and foreign 3 d. per ceat mas fowever, be thif day sen nuight, while Flour was bd. to 1a, per eack cheaper Oats and Beans ruled firm. Indian Corn declined Ia. per qr.
BEED MARKET.

The opeculative demand for Clover and Trefoil seed, of the present woek. Of good new Red seed the stockg are reduced quite low; for the little on hand holders appear deterbriak inquiry. The meports of the roil seed wo have a very home and abroad, are extremmely the growing cropar, bolh at
$\left[\begin{array}{l}\text { sequently } \text { are stlll advancing. We have more doing in Algyke } \\ \text { and White Clover seed; in fact, the mo is at the present }\end{array}\right.$ moment a graat deal better feeling in the agricultural seed
trade. Sowing Rapeseed continues scarce and dear. For Fhita Mustard sead we have a ready sale st ful


## W

W PNTED, 的 LAND AGENT, on an extenbive Yalue and Managyment of Light Laud, tocludirg Draining, Foneling

 Posc OMce, Down Street, M\&Yfair,
W ANTED a GARDENER (Hzad WORKING),

VVANTED, a thorough GARDINER, singli, who can

WANTED, TWO STEADY MEN, who are good

WANTED, a MARRIED COUPLE, age about 35 I a Garden and Horser rhe wire must bo a good cook, to tate tho W ANTED, a MARRIED COUPLE, without family.-


W ANTED, a MARRIED COUPLEE, without childran.

 From their last omployer. Libaral wages.-Apay
House, Polygon, 8 outhampton.
To Landscape Architects' Assistants.

## $M^{\mathrm{R}}$

## To Landscape Architects' Assistants.

ANT Estate Iaproven, 74, Oxford Torrace, Hgde Payk. is in
 and surube in $A$ way that the same can be carricd out by $m$ Oardiener nderstanid Horticulture. Whiges to begin with 1000 dollars per men Plang, with reforonce, to Mr. NEWTON, which will have hi
W ANTED, a JUNIOR ASSISTANT in the Seed
 W ANTED, an APPRENTICE in the Corn and Seed

W ANTED, a YOUNG MAN of ability (if mirried, Omice, Loughton, Bissoz.

WANT PLACLS. - Letters to be Post Paid. E XPERIENCED GARDENERS (or as GARDENER

$\mathbf{M}^{\mathrm{R}}$ R. WM. PAUL begs to announce that he has made Krnish Gentomen with thi MAMES, ADDREXSSES, do, of


## To Gardenerg and Ballifis (Head, Foremen, or Under)

 J AMES CAR'I ER AND CO. having many application Will for the Above request that those WANTING STVATIONS for ENTRX in their F REE REGINTERE. Only thoas who can nemd
 Gardoners and Under Gardeners.
WTM. CUTBUSH AND SON beg to state that they

 olected. - Highigato Nurseriea, London, N.
GARDENER (HRAD)-Middle-aged, married, no
 (JARDENER (HRAD), to any one requiring the services




Gardener (Hzad); age 25.-Thomas Habwood pleasure recom to E. Greares, Rsq.i. M.P., ean with coonddence and


GARDENER (HEAD), age 35 , married.-HbNiy harguit or Do Hosd Gardener during the lant three years to the


GAKLENLR (HRAD)-No children; at thoroughly



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GARDENER, where anothen
 C ARDENER (UADRE), in a Age 21; alary not io much 2 pobled doy CTARDENER (UNDzRE),




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Propagatok or Propagatc A. the Eondon Market. Agotic wil PROPAGATOR and GROWzys Work. experlence in Mrike Numarle . Sme
$\mathrm{S}_{\text {respoctable. or Bas Batify - Ahe }}^{\text {Has }}$
 Crossway Farm, Gatton, near Redhhi, Sy A GEN we or broustit up as s Proction

 HARM BAILIFF, -Midlle-zed 1- ARy; thoroughly undertands p 16 yarra practical oxperiscred to But is 4
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Aborgavenay,

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TRAVELLER and SHPPMAI



To Nurserymaen, Soedemen,
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DINNEFORD'S FLUID


E selfad Sufferera trom nerrous demility. nit
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$C^{0}$ CKLE'S THE SAFEST FAMILY APENESTI
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## Garornerge Clumitle 

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11 BLS, -PARCHMENT or CLOTH

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 F.8 HLUKAL SHANING
 - Whe, on wnds long, at is lad per plece on ot CHA MHOWS, Greerhers, Mancheator. FULIT TELELS, SLEII BFDS, RIPE


 XRTING (at Reduced Price), for the

 then Potes and Ropes oomplete, eoveral Seoond voru) wo co, Karquee, Tent, Flag, an

 - and Bir Joseph Raxron for the Cryota 2..
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 Rochford, Essex, June 4, 18Ni. - - - ibe goarl enough to send me 50 yurds, of Fris




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 End to










## NOTICE.-- MANCHESTER EXHIBITION.

## PRMSON'S NEW PATENT ECONOMIC BOILERS, <br> COSSISTING OF



ORMSON'S CONCENTRIC SADDLE BOILER, ORMSON'S CONFOLUTED BOILER, ORMSON'S TOBULAR BOILER.

These three new forms of Boller, made of the best Welded Wrought Iron, in which the flame is roncentrated on the largest amount of direct heating surfuce, in the smallest cubical space of any Boilers before the publir, will be exhibsted in thr Royal Hortscultural Socsety's Show Ground, Manchesler, during the forthcoming exhibition.

## FROM TEA "GCLENTIFIC BEVIEW,

of April 1, 1869.
Ormson's Patzant Convoluthid Wigibe Wrocoht-Iron Boider, - Mr. Henty Ormson, of Starley Bridge, Chelkea, has remently matented a 1 lot-w iter Builer, the grent merit of whinh is the retention of the fire, and conarquent exhamation of ifo hrating powes retention of the fare, anding surfanes of the ball. r between the water space



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-inga, \&e, and, being made of wrought-irom, on the most improved syatem of welling that materal, are wery
henry ormson, Horticelterar, Behider to Hyr Majfsty,
 and to the royal hobticultoral societs,
STANLEY BRIDGE, KING'S ROAD, CHELSEA, LONDON, S.W.

Will Close on gaturday, July 34 THE SOCIF'Y of PAIN

## 

Tere Coubt $a T$ Windsor.-On Saturday the Queen drove out with Princess Louisa and Princess Beaticice attended livine service in the private chapel Tbe
Rev. F. W. Farrar, one of the Masters of Harrow School, preached the sermon. On Monday the Queen and Royal family went out. Prince and Princess drove to the Home Park, and distributed the prizes at the annual meeting of the Prince Consort's
Agaopiation. On Tuesday morning the Queen Agzooiation. On Tuesday morning the Queen Beatrice. In the aftermoon the Queen held an investiture of the Order of the Bath, at which Genergl the
Earl of Lucan, Lieut.-General the Hon. Sir James Yro Soarlet, Lieut. General Sir Genrge Buller, an vested with the jnsignia of Knights Grand Crnss Vice-Admiral William Ramsay, Lient.-General Vis count Templetown, Vice-Admiral the Right Hon Lord Clarence Paget, Major-Generg Framer MajorGeneral Lord George Paget, Major - General Arthur Lawrence, Major-General Horatio Shirley, William Jones, Rear-Adrairal Bertholomew Suli van, Major-General John St. George, Major-General
Edward Warde, Major-General James Brind, MajorGituerul the R 'ht Mun Procy Ierhert. May r-General Dr, Thomas Logan, Director-General of the Army with the insignia of Knights Commanders. He Majesty also held an investiture of the Order of Le Grand Jacob was invested with the insignia of Knight Commander of the Order. The Queen also held an investiture nf the Order of sto Michapland at Georl Re, assell were invested with the josignia of Knights Grand Cross. Colonel Gore Brown, Count P. E. de Strgelecki, Lord Lyitelton, the Right Hon. Frederick
Peel, the Right Hon. Charles B. Adderley. Sir Peel, the Right Hon. Charles B. Adderley. Sir
Frederick Rogers, Hery Taylor, Esq., and T. F', Freder, Esq., Were invested with the insignia of Knithts Commanders. On Wodnesday morning the Queen went out with Prince Lenpold and the Princess Louiss, and Princess Victorias of Wales arrived at the Castie on a visit to her Majesty. In the
afternon the Queen drove out with Princess Bentrice. The Count and Counters of Paris, the Prince and Princess do Joinville, sind the Right Hon.
Chichester Fortescue arrived at the Castle on a visit. On Thursday morning the Queen went out with Prince Leopold and Princess Beatrice. In the afternoon her London, and visited the studio of Mr. Foley, $R$ A. Her Majesty aftertsards returned to Windsor. Yesterday the Qupen held e Privy Council. It was axpected that her Majesty would leave Windsor to-day for Osborne, but the departure has been postponed.
State Ball-By command of the Queen a State Ball was giseu on Frulay evening at Buckingtam The Prince and Pbincrss of Wales.-
the Prince returned to Marlborough House from Aldershot. In the evening the Prince and Princess were present at the State Ball at Buckinghan Palace.
On S.aturday the Priocess drove out. In the evening the Primee presided at a banquet given by the Corporaticn of the Triaity House. The Princess went to
the Royal Itahan Oper, Covent Grden. On Sunday their Royal Highnesses attended Divine
service at the Chapel looyal, St. James's. Monday the Prince and Princess gave a ball a Marlborough House. On Tuesday afternonn the the Countess of Derby, in si. Janies's Equare. In the evening the Prince and Princess went to the St, nesses left town for Lynn, when the Prace opened the On Tock, and afterwards went on to Sandringham. the reveipt of a telegram from London, left Sandrinneham for Mariboruug
shortly before 10 P.M.
a.
Saturdav at the private residence of Farl was held on

## Meeting of the Irise Peghe.-Ciroulars were

 ssued on Thursday requesting the attendance of the Abercorn's residence, in South Audley-street this moraing.Mr. John Jones, the Movior wents.-The peport that Mr. John Jones, the senior iv e nber for Carmarthenshire intended to rexign his g at, in consequence of the
death of ais brother, the lato Mr. David Jones of panlglaa, is contradicted. A petition wes lodged on Werlneaday against the return of Mr. Charles Seeley, for Nottingharn, on the ground of bribery, \#reating, and undue influence.
The Army. - The coloneley of the 43 d Foot, vacant hy the denth of Sir R. Garrett, has been conferred on
Lieut.-Generad the Hon. Sir A. A. Spencerf and the colonelcy of the fith Foot, vacated by this pronnotion,
T'Re NAyr.-Rear-Ador-Gel Astley Cooper Key has been appointed Admiral Superintendent of Portsmouth

Dockyard, in the room of Admiral Wellesley, who has been appointed Commander-in-Chief on the North, promoted.

## fForeign.

Francr.-It is asserted that M. du Miral, one of the Vice-Presidente of the Legialative Body, and other nembers of the majority, are engaged in drawing up an interpellation relative to the necessity of strengt anening the institutions of the empire, by giving a greater development to the action and control nt the cepent to re-establish the address in answer to the speech from the throne, to organise on a larger scale the right of interpellation, to extender the power of electing its president. A moeting of depaties was held on Sunday qt the residence of M. Jules Brames, a member of the Third Party, at which rather a werm discussion tonk place on the question of bringing forward in the ria re-ponsibility. M. Louvet proposed to add, after that of the Sovereme" This addition was rejected, responsible Ministry and the freeing the Chamber from its present restructions be put to the vate, the GovernRoub Minister Rnuher, Minister on Bonday, and it is rumoured that he tendered his resipnation. In the sitting of the Legislative Body on Thursday 日even moze elections Fave urged upon the Chamber the necessity of electing the Bureaux and otherwise carrying out the formality of constituting the House, might approach the discussion of the great politioal
questions whiuh preocuny the mind of the Chamber and of the onuntry. He added that all the delays which had been demanded had no other object Mann to
allow time for a reconstruntion of the Minietry. M Roulher replied that the Government was ready to discussall public affurs, adding -
owhich altuaiun lasis is spoken of, but the great questlons indivisuals. They affect our Insitutions and the future of suciety, and are bound up with the question of the barrier
" liell roust be raiserl up against revolution. I do not know


This gneeh was received with much cheeriog from the right. The Peuple Franazis of Thursday evening publishes an article, signed by its ohief Editor, M Clement Duvernois, in which it says that the Depnties who have signed the "interpellation" of the Third Party are friends of the Government, and do now wish that the emperor sher to the it The
 sterpelat on, atd add not de:ire to fut formard exayzerated clams, the other
 tion being given to publio opinion.". The Public says that the reported cbanges in the Ministry denials to sertain reports current in Paris It says that the Government has no intention of shortiy recalling its troops from Rome, that the Emperor and Empre-s of Austria aro not about to visit Paris, that
thu Eimperer han not uiven an audience to M. Bufet, a memperor ha not Liven an audience to ni. Buffet, Talleyrand-Perigord, the French Ambassador at St Potersburg, has not been recalled, and that M. Poujade, Freurch Consul-Geoeral at Alexandria, has nnt resigned, but is only onming to Paris on leave of
abs :nce The sittings of the Frano-Belge Commission were brought to a close on Saturday. An understand ing has been effected on all noints, which is said to be ontirely satiffantory to the French Government
Spatn.-A. Ministerial crisis occurred on Monday in Minisuence of Senor Herrera, the Dewly-appmated and the Colonaze, laving tendered their renignations Senor Zorilla (Progressist) was appointed Minister of Justice ; Senor Martns (Monarchlual Demncrat) (Monarehical Dentuonrat), Minister for the Culonies, thought possible that the whole Ministry will resign and that Senor Rivero, at present President of the Cortes, will be entrusted With the Presidency of the Senor Figuerola, Miniater of Finance, broutht in Bills orderiag the sale of the patinimemal menperty of and pensions of individuals who refuse to swear fidelity and pensions of individuals who refuse to swear fidelity
to the Constitution. In tho sitliag of Thursday it was proposed to pass a vote of censure upon Senor Herrera. The motion was, however, rejected by 163 Votes against 94. General Prim expressed regret that Whe majority. Senor Figueras asked the Minister of War what motives had led to the abrupt dismissal of
the Captain-General of Cataloaia. Senor Zorilla, in the absence of Genera! Prim, the Minister of War replied that the Captain-General of Catalonia had
been superseded in the regular way. Troops have heen sent against some bands of Republicans and Carhists in Andalusia and Arragon.
Pobtugal.-In the sitting of the Chamber of Peers onent to contraot a new loan was passed by a small majority.

Madetra.- A rumour is current of a conflict havins
ta ken place at Funchal between
military, in conneation wh
Cumitil, M. A
Council, M, A. O Aepph, of st
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one Confening of the
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inhabitante of the canton of
large majority in favour of the
Bad been submitted to theme for nit
announces that the final obstacles
the Franco-Belpian railway
arrankement arrived that
include the Grand Lurembour
AdsTria-It is amnounced thas
rigid!y adheres to the provistons of the
payment of the interest on the publ
Ministry of Finance, without infrin
perlaaps be in a posil, on to glve, for
payment of the coupons
HuNGary.-The Lower House of the appointment of judqes. The dabatil Tuesday, when the Bill, whioh antin the principle of election, was passed by

Russia-An Imperial ukase has
Warsaw, which is to replace the The ourriculum of stury will reports that 600 Chinese, while pen Kirghiz, had approached the froe by a detaohment of Russian troc architect to the Ministry of the Hon Palace, the building model of the take place at St Petersburg nest y $27,000 \mathrm{l}$. is allowed for this struetart workmen employed is at prowa be speedily augmented, for the builin completed externally by May 1 next.
Iraly. -The examination of the committe apmonted
venality against a mento
Was coneluded on Truesday,
clared the Parliampulary
from Siniscola in
making terrible ravages in that local
attacks both children and adint
been vaccinated. Ine morta it?

## proportio

Hañover. - The Supreme Tribunal of it vered judgment on the 2 ath ult. in the triald verians on
Hanoverian Lekion. The Court, theing mu the acoused to 15 monthr', and the mmix year's imprisonment
Poland.-A curious disoovery has bow Gracow, during the renoration of dynasty, known in Polish history at "tho Km
 struilk the pedestal with his hammer ian pedeftal brough which the interio it was found that Casimir's oofin, wh ron bars, had rottod away, and fallen to the ground. On the skoll mas copper, in the shape of a por silver-kilt sep: to his feet a pair of large copper shar was covered wita condition
opened in order to make a
already been received for
SERVI - The draft of th
the Skuptschios proposes
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## EaYPT. - The

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"Muette" and M Desplerhin
MM. Daron and Porsont. The sithe am
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Nearly all the Australian gohd-duger hau
and returned to Australia Hers

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on the ancease. Thero wore raterter da :
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 Mram somla for a short trip itito the Terul , it is sed. purgesed ging into
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 temen in the city of Cibul, and to stop the mituzens carry ine arms a me ond to her hreparime to manteh towards The faname is still severe itit Mat ol tie Cllestubat mail teame

tha Jonanese House of Representatives the 18 h Anril The Inperal Message Lin the lish Anril

## nsiting our eastorn cuptal, wo air cumbt und the varions  <br>   Adyty ymarsichen to the feel luty of men metinate limpartance and 

stitre The anniversary of the Declara. Trimbout the Yorth, but nurili ay Intre been manfeated in the $8, m t h$ the remainder of Colonel Ryan's Cuban erpelthon have been captured, and re treers last month by 16.5010000 dollled
 He lo tratt. He made a speeth, in coplered the the politucal conartion of was tending to a tltororhip or a monarohy. Mr. Reverdy premaring a reply 10 .enf. sumers Newam, and communisated to the Senate rentantions on the three questions Brathan alission between the GovernBritan and the Cnited States. In 4.A A abama controversy question he
tape obtamed by the Clarendon-s ohnom Me have obtaiwed by the Clarendon-Johnonn
ane wet acked. I am enually satufied

 Piomer Mr Gilbert Walker, Conservative, varnor, defeatung Mr. M. H. Wells, tnjority of $4,0,00$ votes The Test mifrmelising elagmes of tho Constifar Ireglslature. Sia Conservative Consress men were elected. More negroes voter for the Conservatives. At nz war nominated for Governor. Re fanel advocating taxation of the debt 'ar and the Natinnal Bank system Nothong 41 she it the Alabams onntroversy. The Pree Cradention has adopted a resolution mallion doliars to his American Southern a Fund, the entire fund being now two and the annual income 130, (non dols Mr 'in rery poor health and quite feeble, a if Sayers in the menorable prize fight atil recently in Californa
lis $n$ int, and was enthusiasticaliy received

- The American papers state that Mexic rayeral coterest of her National Debt. - neral Cabatlero de Rodgs arrived a * 1 ipmera, of the laland. He immediately issued anris) on, statiog that his line of policy would be Ha thrpe words, "Spain, Justice, and
An hannked the volintears for therr past thase of the pobler and justiee, and to the by sayiog that the volunteers ought to feel


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 Hemana.


 greal numbers of promernadoental and humbeds of l'arayuayan families rescued. Lathez had profnsed insicnstioant condanous for leaving l'arazuay:
Euglish aud tro American oftivers had been allowed to mus the alhed Army to communicate pith Lopez, but



HAETI-A serere conflict has been foumbt it Aus and captured the forts, hut was mabsequently driven vat, and was prepurims to renew the assault

 eplemice wa racing vilemuly.

## Barliament.


 words regusrigg that, an comsuderstion of handing words requsring that, an constueration of handing Commissioners should be mad enther ten taness the Commissioners should be pard either ten tances the annual value of the sites exilmatied as lant, ur, th the aiternative, elther any bending thatges on fie Rleton houses, or 10 sears ammal value of hem He MidmaIsed the I3, as jurensistent with the furmor Heduen scheme so narrorn and parsi monoma that Slitlock mlaht have envied 1t. Earl he assumption that a (rosernment coult be brutud by statements of indlundual matubers of it when in

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of 141 , the wumbers bemg 21d to th, miny lasem
peers voting with the majority. 'Xhe clause as
amonded Whs then urrood on In olaluse 28 the Duke of Clevelard moved an smendment to authe rise the Comnussion.', for the Roman f'atholle priast residence in any parind tor the koman athoic 10 acres o a.vancemancy for ho eromare of land attarthed, and to make mimilar culvancest for a similar purpose to the montales (jut rantyleriart Marquations of Salis\#tiRs, Lord Thallf is. Lital AJH Marquis of SALISHUR1, Lord Bishop of Uxtorns, and the Archbinhop of CAsTFBBCRY, supported the amendment; the Duke of Mart bolsut (i) H, Farl (tranviller the Earl of HabinWirke, Litil Citrse
 posed it. Ona fivinon, the amendasent was nipuatistil by a majorsty of 33 , the numbers hema lion for

 The House went into Committae on tha Frat onifl Ball, when Lard Lifford niovell tho inhertion of a new lause, authorising the repuyment to the Prechytertan bory of the value of churches amit manses ere ted sine 8,3. The motion was opposed by burds (rrasifillit KIMAPRLY, and (fREF, and withdrawn In el hase en
the Archbisinop of CANTHRESBS maved to ather the date from which nivivate endowments are the berond year of the reign of Queen Filizabeth, 踇 as 10 niculud he endowments created by Blabop Dramball and Arehbshop Laud anterior to 16900 , and whith lie held the Chureli was farly entitied to reagrd as ns own
 the Eirl of Pow the Bishop of LICHFiELD. Earl Glianville oflered, in the name of the Government, as a compromise, a lump sum of halfa million to the Churoh in lien of all private benefaotions. Lord Carans sumgested that pe date should be omitted for the present. Without aslune upon the House to give ady opinion on cathe Government offer until the bripsug up) of the report. The Archlushop, on this unvertanding, withdrew his amendment. The Ar hstanding, when moved an amendment, to veat the Hister glebles in the nef Church body. Tha Usister giebt was opposed by lmai Durpiriv mendment the LORD CHANCRLLOR, MHI butd Lnrd Mosk, emprorted by the lishop of Denry, Lord Calevs, and the Bishop of ELf. Farl (adry Lord cas regret at the vote of Fidsy night no expressed ent endowment," and hoped that their lordconcurrent entl\} he allowed to recunsider that. damisurn,
 On a disinity of $5 \|$ afanst Minusters. The clanse beng a alked was ggreed to. On clause s3. the Larl of Limerics moved an amendment to entite a land owner redeeming the rentobarge to make a deduction

and nation, and that its cunposition was saflecienth varied, and not bound up exclasively with the tand to populad titht tho Jimuse, sud in phomport of that pien ited the opimion cxppessed hy Mr. Drimbt in his Birmingham leater that the promen int robldiah



















 ommoter tixed for Fridus, the loth anst. The Tranchise Bill were also read a eecond tima. Festar day, on the motion that the raport of the wmead ment sade in Committer be recelved, the Earl of CarNabyon moved an amendment, aller,ng the date of is-eptablishment from 1882 to Hopk mosed an aroendment sen hatiz to the Ar.bagh Observatory a far bumpernotion) for the thes of the reptorial
In the Comamon on Pritay, at a morning siltir g , iu
 moved by Sir RuC N DELL PaIMER, der alink taht shed



 diecusion Mr. Faw

 at which in mionty of tho Fillows preeent might It was






 and that in the efent of the Irith Churchl 13.41 nassing into lariv some legivilativn on the snbpect could not be delased besond next vession On Lle motion for the


 the ameniluent was rejected by 2 2t to 126 , and the Bill was read a seocond time. On the miotion for yoing into Mr. FAWCRTT called ditention to the case of Overend Gurney \& Co, and to the prave crils which midht result to the public Crom a sestem which allowed

 ference or pr. Pi.rett, who had, he said, nethry mastered the fitto of the rase nor the very lementiont

 their uelar the priace ione of common sence, houourr,

 Fent int Committee of Supl|s, and drreed to 11 votes
 for comploting the purchase of the telegraplis. Ho stated that the total sum to be pard to the
 moring s serfes iff resollthons on hirh a Bill would Mr. Stacrie expressed their approval of the Bilk' and the resolutions mere agreed to. The Assesed Rates ani Ragred, sclinols B3ill presed throuch Com-

 of landiry (wilis ectian excentions) of all catte improted from (rantries in which the diense has proviso was rjecectecl by 220 to 1 1 los. Propress was then made mith the Bill up to clauce it Mr. H. RIrcriand Colity hatention to the recent proceecings of certain tomards their tennats on arcount of their votes for resolution condemining them as unconstitutional,


 the ballot. At the suggeetion of Mr. Brece the motion was withdrawn. Mr. T. Chiviers ralled attention to a corrrespondence bet ween the Poor Law Board and the Marystebone Fuardians in reference to the separate educalion of Roman Catholic children, have made provision for the relisious instruction of Nonconformist children within the workhouses, the gchools not under the control of the parsis authorities Mr. Goschen eand that it was his intention to carrs of proselytising Roman Catholic children in work Poor-law Board. After a shortaiscussion the motion Was ongatived by 71 to 29 . On Wednesday Mr. 1 tntuts Bl.J, the main objert of whteh, by repealine the combination lan- was to legaline all agreamerstans to conditions of lahmur, and all combinations an emposers and marhmen: to abolsb, in any future groiectus, the thea that hitey are en restraint of trate,

 Bili, on the condition that ample protection was given to the non-unionists, Mr. E. Pottrer opposed it, on
 repeal the comlunation laws without providng some-
thin Sbing in thers stead. Thee (invernment had not been
 stoourd be taill on the table at the rery commaticement
 OTWill wan read a ketond toma. On thuradny Mr

Spanish Government had offered to negotiate a treaty of commerce with us, one of the of our wine duties, and that the offer wa now under consideration. Mr. Gladstose appealed to Sir H. Bulwer, who had a notice on the paper to o relinquinh altogether the idea of raising a discussion on the Alabana claims thas sesion. He had reasn the recent treaty had been negatived, did not conside the subject definitively droplped, but, thousht it nould renewed. He pouted out aloo that there bad her nodscolaino in the Tnited States' Leqislature. Sir $1 I$ Belwer relusantis ytelded to the appeal, bat moth happen in conserquence of the subpect not being diSupply, Mr. Jillwin moved that the vote for Supply, Mr. Dillw m moved that deres of Parliament and decorating the wall of the central hall with roosacs be reduced by the expendituro for noonacs on his oun responsibulity and without the authority of the Treanury. Mr. MUNTZ, and, others, censured the prinoiple of expending publie money without the authority of Par hament, or even the conkent of the Treasury, whil be vote was supported by the ChaNCELLOR of the Chequer, Mr. Bonverie, and Mr. Gladstone.
Eventually Mr. Layard expressed his whingess to strike 3000 l. off the estimate, but Mr. Dill wri inslstiog upon a division, his amendment was nogatived by 195 to 97 , and the vote, in the reduced the motion for going into Committee of Supply, Mr Aytocs moved a resolition cokdembinf, as a contra cation of the Ioan raiserd auder Imperial guazantio for tho Iutercolonial Ralway to the redemplion of a portion of the Canadian debt. Mr. Mard-HowT, motion, which was withdrawn. The House went into Committee of Supply on the Civil Service Estimates, Forks and Experses of Departments. Thio third rearding of the TViversity 'lests Bull was opposed by Mr. Cross, but was carrich on a division by 116 to (is. lesterday, in answer to Sir 1h. Veliney, Mr. Monseli said that the Canadinn Government had practically Crcented to the terms aureed to by the Hudson's Bay Company for the ceswon of their territories, In ansser that the Government had recently received information of renewed outrages aganst the Jews in the Janu-
ban provinces. Tho Insolvent Debtors and Bankban provinces. Tho Insolvent Debtors and Bank-
ruptcy Repeal Bill passed through Committee ruptcy Repeal Bill passed through Committec with a few verbal alterations. The House went into
Committee on the Contagious Diseases (Animals) Committee on the Contagious Diseases (Animals)
(No. 2) 3 illl , commencing with clause $4 \overline{0}$, and was left Itting.

## atty Enteltigence.

Money Market, Fridat. - British Funds Consols closed at 93 to 93 for Money, and $93 \frac{1}{8}$ to $93 \frac{1}{3}$ for Account: New and Leduced Three per Cents, 2r. to $7 \mathrm{~s} . \mathrm{pm}$. for March, and $3 s$ s. to 10 s . for June; India Five per Cents., $111 \frac{1}{2}$ to 112 -Foreign : Argentine $78 \frac{1}{4}$ to 791 ; Brazilian, $83 \frac{1}{2}$ to 81 ; Egyptian (18 j14), $90^{\frac{1}{2}}$ to $91 \frac{1}{2}$; Ditto (1868), 80 to 801 ; iceroy Seven per
Cents., $80{ }^{2}$ to $80 \frac{2}{3}$; Ditto Nine per Cents., 96 to $9 t \frac{1}{2}$; Italian, 533 to 51 ; Mexican, 12 to $12 \frac{1}{2}$; Peruvian, $7\left(\frac{1}{2}\right.$ 81 $\frac{1}{2}$; Charkof, 79 , to 801 ; Spanish, 231 to 283 , Honduras, 83 to 81 . Turkish Five per Cents, 151 to $\frac{151}{2}$


## fictropolits and fts Vicimity.

The Wimbledon Meetivg.-The Volunteer
Encampment at $W$ Wimbledon this year is considerably Encampment at imbledon this year is considerably and many improvements in the arrangements have taken place. The business of the meeting commenced on Monday with a salvo from the cannon in front of the Council tent. I'be shootiny, in consequence of the strong south-westerly breeze which was blowng. was on the whole rather below the average. Quarter-master-Sergeant Nicholls, 10th Stafford, made the greatest number of points for the 1 st stage of the
Alexandra, al 500 yards, and carried off the 200 . prize by scoring 19 out of a possible total of 20 . Twelve mine 1i. The Prince of Wralch's l'rize, value $100 l$, with toul. added lis the Assomiation, was won by Corporal Peahe, of the fith Lateralure, who won the (gueen's Prize lant jear, but was declared to be disqualtied, on the grounc iat he had loaded with the programme began witll the first stage of the St. George's Challenge Tave, with other prizes amounting to $623 l$. Sergeant Lowie, 1 Gth Lincoln, won the vase, gold jawel, and 2 L , , and Corporal Wyatt, 20 points. Wor the silver jewel and $20 l$, each scoring 20 ponnts. The principal of the Enfield Nursery Prizes was won by Nergeant Liversidge with 18 noints, Sergeant Pace, of the 26 th Kent, in the breech-loader
competition at 200 yards, with the $H$ Henry rille, fired competition at 200 yards, with the Henry rille, fired
13 shots in three minutes, making fi luhts-cyes 15 centres, and ? 1 outers, makiog a total lhis was 4 ponnt below Mr. Firazer, of the E inahurgin hither, who made on the previoun day, with a IIenrs outers. Ou Wednerday sergeant Topis, of the Robin

## 18

18 points, and various other "Daly Tt Atrys
 Lord Filcho and Mr. Bass, wi. scored sh each; and the II
Although some of the Iords
Spencer and the Earl of Dembin were defeated on the total BANQL ET $A T$ TME TRINITY H banquet, at the Trinity House took day The Prince of Wales, Who man ssin : the Master, and there were al-opreseut ' H ? formy oitaum ins dum
 Childers, Lowe, 1 rıght, I)sisal, wre
Mr. Gladstone, in returning thandes of her Majosty's Jininfers exp remem l.
the Jider Brethren of the 'lionty if sou toon of tarious uveful reforms, hare and meet its just demands and estahl. in t the good opinion of the country. The llet
 afraid it nould al ways he necessary the ollice they unworthily occuph
wish that they might be as hapn
run round, for the existence of run round, for the existence of

## minht be as happy in escaping confldence as the distingur

with the aflairs of that importal
Lowe, in returning thankz for the $\amalg$ we Lowe,


## Brethren, The honmar conferred by the tonst on the buar wers is ane of wheh they are at all times esensila

bers is one of which they gre at all times soms wht
be cspecially. ro in the circumatance under whil
when before our Lanquetwe held a Court in wast
subject of our Sovereign and the Prince pasent

of the
week :
mikied no offence against the laws Ife intended to
brigg the matter before the House of Commons, while others were fully determined to submit it the hie centnoved the first resolution viz "That hiss meling Secretary with the right of lan ful assembly sabd free
 bext resolution "That a strons attarliment to the and as hintherto protected by the law when fitution administered, and a firm determination to reast all attempts to violate the right of peaceful assembly and of free discussion, prompt this meet.ug to reprobate with thrs right, and to repudiate the pretexts advanced in palliation of his conduct," Mr. James Bateman mously. Mr. Fielden, M.i., moved the thard resolution, as follows:-"That this meeting further expresse strong disapprobation of certain local zuthorities who have proceeded Trithout sdequate cause or legal
sanction to interrant persons prooeeding to attend a
 embodying the resoluton was akreed to Mr. Murphy ras called. but he delined to come forward
Royal Acadpmy - At a general assembly of the members of the Royal Academy, held on the 30th ult. Mr E. Mi barry was elected a hoyal academian.
The Reform Cleb-Mr. John lright and M W. E Forster have resigned their memberships of the Reform Club, in consequence of an Amprican gentleman, Mr. Smalley of the New Jort Tribun, recommended by them for the usual honorary membership granted to distinguished foreignens for three months, having been blackbilled. Consequent upon these revignations a requisition, signed by vearly 100 members of Parliament, and ahout 20 other members of the rlub,
has been forwarded to the committee, requesting them has been forwarided to the committee, requesting them
to call a general meeting to consider the carcumstances under which the resjgnations hare taken place.
Diocese of Jonpos - The lishmp of London has apponted the Rev. liobert George liaker to be rural
dean of the deanery of Fulham, the Rev. John Nortls Ouvry-North to be rural dean of the deanery of Ealing, and the Rov. Georre Good win Pownall Glossop to bo rural dean of the deanery of IIamptan.
NbTi Romas Cithogic Circich and Hospitat. - Arclbishop Mannus on Friday opened a new the temporary eathedral chureh of the dinepee fa position hitherto held by st alarys hult. A pees
 ceremony commenced with a procession, whel marched through une grounds formally opened. The procession then entored the adjoining church, where nstitution. The hospital is 19 feet long by 27 feet nide, Mr. Welby Pugin being the architect There were present on the Roman Catholicaristocracy.
The Vicarage of St Payckas.-The vicarese of this important parich has become vacant by the resignalinon ofield. Formerly it was what is called "a fat livine;" but the parish has been split up into ecelesiastical districts, which diminish case been the most vicar, who has, Mr. Dale and Mr. Champaeys, held canonries at St. Pauls worth 100. a year, which made the receipt Mr. Gregory, who succeeded Mr. Champneys in the Mr. Gregory, who succeeded to be unwilling to take St. Pancras, as it would render it necessary for him to leave a vers poor district in the wores part or La duriog
which he has worked with extreordinary success which he has wo

## the lazt 17 years.

Smithfield Mabtyrs Memorial Chubce.The ceremony of laying the foundstion-stone of a new church, dedicated to the Protestant martyrs who w the burnt in Smithfield, took piace on ctators. The site of presence of \& large number of spectars. Clerkenwell, and when built it will serve as the district ehurch on St. Peter's. The proceedings were opened mith a hymn sung by the Sunday-schon chudren, Shaftesbury then laid the stone, and deivered a long address on the state and prospects of the Church. The company afterwards adjourned to a lun
Mr . William Leaf.
Mr. Wiliag ton Church--During the last few dayt workmen have been engaged in carefully removing a proper eceps in this church preparators to its demolition. The decayed state which the bminding now betrays affords abundant evidence that the authorities were not premature in their determination to rebuld 1 . Mr. Gilbert Scott's thesign Royal Academy. The present in the gallery of the deficlency of funds, is confined contract. of tuinds are provided.
Abtillery Experiments on Dartmoor.-The
Aible destructiveness of the Armstrong segment shells now in uqe in the Bratish army when fired direct inte colustrials at Dartmoor, which are now exoiting the recent interest in militsry ctrcles; the 12-pounder
sequent khefls having in 15 rounds platuled se tese that sis comppaties of meldiervor of helingels, seprement-P's.i-TINE Explonation Pí




 The reparl statud that the une were an that phation 1 herm. upon was only zumbla y year, whice at , east tumbl was the fund The frecremsons of the aptely ${ }^{\circ}$ (xhbibition of pottery, glase, and other things found dur,my she excahad been riaul the Tlic tota. rementer guch publeation expenses, js sil, and the balance in hand puas $37,0 \mathrm{l}$ The report was adopted, and rewolutions in furtheranoe of the objects of the socrety and sppenting for pecuniary belp to carry on the work with greator Tax Finus.


 Bank. The repert on 'lueaday atated that the signals Were perices, sum that the shop was then in Ampinats of calule hat heent puid out, and that the nla, pe would bo of calule had heon muad nut, noth that
 HIM A. Warrior, way recelred om fominsias alter-
 and left the enme creunts fur Bermin ty Tive breezn had been light and the ma ealmall the pascage, and

 the Commose ('mmed )ast weok, a deputation of the of Shaftestury, was remelsed fur the pmirpose of pitesenting to the cils of Lemidan a bearimath

 poners to repentance, and thre lar the thots bro


 ao oonspicuous in many, newripapers as ibe furnizher of Wright's "elegrams," and 26 other wh nd takn to llow Street, where they were bound over to appear an a future day. When they were rusain brotrght before sir T. Henry for examination, the kpectite charke preferred agningt Mr. Wright wids bas bets nn certain horses, and the extent of hi= ranez....s. na mierred rom a rereipt-homk wheth hat heen selzid unen the premises, the ennmterind ho which Mr simpmant sleygh, on behalf of the defendan, conten se 1 hit there had been no contravention of the law; nad eventually the hearink was adjourned that a cane might bo presented
 third aganst Mr Sydney Smith, were adjourned for similar reasnns If hule these proceedings have been going on against the "commisision men, the keepers of the "tobacconist's betting houses. in Oxford sutreet have also been brought before the In one case Mr. Mansfield expressed his opinion that the law should be impartually administered by proceeding agsinst Tattersall's also, and that the small fles should not be cankgh in the legal oobweb while the greater ones were ailownd
to slip through unharmed. In another case in which there was no doubt as to betting having been practisert on the premuses, as the detective police bad actually made bets in the lonse, and reneand money which
they had won, Mr. Tyrwhit dimmined the charge, stating that he felt constranal to dis co, beanse he beheved a consiction wruli not have been cuntirmed on an anpeal to the seashogs
THE fooss of Tise Bere di Ket - The ship Blue Jacket, from Lyttelton, Now Zealand, to Lrondon, was bronght to Stanley, Falkland Injes, nine of the crew and 14 bars of gold, valued at 15,000 . The men were in the bost from the 9th March to the 29th March. Four died in the boat, and three on board the Antonia Vinent. The boat was for one day in company with racht, in charge of the master, Whita, and one lifeboat in clange of tho serond mate, after which they parted company. Aecordine to the captain's report parere were 31 men in the two missing hile-boats. The velue of the gold sared is supposed to be exaggerated, box of gold ralued at about 4000 ?
fatal Accidest with an Hotrl Liff.-On Saturday an inquest was held at the Charing Croes Hospitai, on the body of John Darlav. The deceased was a porter at the Charme Cross Intel, and on the ged ult. Was employed on the second flonr attendink to customer who had dili-parters' hift," for the purpose of being let down into the lower stores. The lift sud-
 he sustaned surh other injuries from the finl that drove to the Town Hal，where they were entertained he dieslane feu dass afterwhrle in the hospital．I

 eause of the acriilent They，therefore returned a
verdict of＂Death from injurips cauvell hy the fall on a lidence to show．＂The Cornmer sald that out sometimea goul arose，as Mr．Fatston，the manufacturer sald that he would in future nse wrought－iron holts instrad of stul．Nevertheless，the inquiry was a very unsatisfars
Street＂Pollue Con Messencibr．＂一At the Marlborough
 the firt of umault，aud the semond of challemange to
 Carringtom＇s forlier，that the present Peer went to the Conservative Club，of which Mr．Murray is a member， and strulk him with a stick，stating that he knew The oross－examination of Mr．Murray established the fact that his son was the registered propretor of the Queen＇s Messenger，and that he himself had often deciled on the firat clarge to lind over Lord Car－ rengton to heep the peare in two fureties of to the The Duhe of Beanfort and Jord Colville werione surelupa At the e loan of the case a determined fialit， such in wan never before seen in a court of justice， took plate for the possession of a tin box contraning assaule on Mr．Murray，but Lard Carrington＇ suleceeded in retamine possession of it On Thursday Colonel Archibald Camubell Campbell surrendered to
his bail，before Mr Knox at Marlborourl．Sireet his ball，before Mr Knox，at Marlborongl Street
police－court，to answer the charge of assaulting Willinm Bossden，one of the officers of the court，and with conductuy himself in a disorderly manner during the nifray．After hearirg esidence at some Iencth，Mr． Knox sad that a most dastardly attempt had been made by a number of ruff and to get possession of the court，and stoken to in evidence．He believed the defendant was under the impression that he was assistinge，rather than opposing，the officers of the was in plain clothes）by mistese．He should therefore discharge him on his making an apology to the offioer． The apology having been made，Mr．Knox added that
 thesing bern thetromental momheng the attack upon wonid at onea send thene for trial
T＇ife Public Health．－The Weakly Return of the Registrar－General states that in the wpek that ended registered in Inondion and in 13 other large towns of the T＇nited Kinglom．The annual rate of mortality Was 22 per $10(80$ persons living，br ing 20 per 10 mo to 19 in Birmanglaann $2 u^{-}$in 20 in Dublin， 14 in Bristol， 19 in Birmmgliam， 2 in lav verpool， 23 in Manchester， 23 in Salford， 18 in Shefseld 20 io Bradford， 20 in Leeds，
20 in Hult， 18 in Newcastle－ Glagow．In Paris the rate in the week was 23 ner 1hen．The rate in Berlin during the week ending the loun duins the week endug the tenna po per London the hirths of 1045 boys and 973 girle，in all 2019 chitdren，were repisiered in the week．In the correspondinz weeks of 10 years， $1859-69$ ，the averape 2135 ．The death registered in London during the Week were 1231 It was the 2Gth week of the zear and the avcrage number for that week，corrected for is theref poreulation，was 1327 ．The present return

## Probinteial

## of H．M．S．Himan－On Fiday Lieut．E．H．Ounninghem，

 of H．M．S．Humalaya，was tried by court－martial，inHamnaze，for playiog cards with Mr．Rosa，an invalid reported out，heng alioon，after the lights had been The prisper actmited his ou the whe at the time． be es verely repriment him and was aduaged to

KFNDAL－Three sheep were found buriedi in a snow High Sireet，in Whe of the recesses of the mountann allo．Snow was sthli lying in some of the shaded parts ofshan tast week
Llanberis，－The latest telegrams from the scene of the nitro－klycerine explosion state that two more of the persons injured have died．The total loss of life 18 therefore seven．The jury at the inquest returned nitro－klycerine
Lynn．－The Prince and Princess of Weles visited Lsnu on Wernesday，for the purpose of opening the the scene of a Reneral haliday and the town was addreeses from the Tossn Coldday．After recelving Schoul，their Royal Highnesseg went in promeession a trip down the Norfolk Estuary 10 a steamer，made the new dock on the top of the tide．The Prince
of the douk compauy，presiled．In the erening the of the dock compauy，presiled．Sandre Prinm，where
Prince and Princest fort for
they will stay a short time at the residence of General Knolls： Mr persons were at work at the suwmilis heloneite to riear this tots o，one of the boilers suddenly exploled Some of the med and boys Were strurk with the falling injury of a serjous chararter was sustained．
injury of a serious Friday niglut it was dispoveral that a horrible murder hard been perpetrated in an empty house at the Land＇s．End．Some bricklayers found in it the body of a middle－aged woman，with her head
nearly severed from the hody．It appeared that she had left licr lome witu a considerable sum of money
her ponsersion，and when the buly was discovered th moncy was gone．The polue are investigating the
malpr．
Peparot tit－The shin（avalier，of therleen．from Quebeo，with timber，for London，put into the Snund
on Monday，water－loged，havina been cut down several feet below the water line by a steamer runnin into her on the previnus day．The steamer，which is helinved to be the Bremen mail boat，left her figure－ head on board the Cavalier，and proceeded，after reluning to tom the latter into barhour．
Rochidale．－On the 2 ath ult．a pleasure party， neluding four young women and，two young men，from Todmorden，left the Frsherman＇s Inn．Hollineworth near the toll－gate the drise round moninawnith Lake embankment into the lake．One young koman jumped out before the vehtcle reacher the uater，and another was recovered in an insensible condition and restored to life．The two young men were saved．Two other of the lake dead．The horse was also drowned．The jury at the inquest returned a verdict of Accidenta Death，and censured the unsafe condition of the em－ bankment．
Sunderland－The amount collected in this town for the purpose of buying Mr George Hudson an annuity has reachen 1500l．The report that the
British residents in Paris had subscribed f000l in aid of the fund is contradicten．
Usk．－At the Petty Sessinns，on Friday，Thomas Rosere，who was charged with the murder of Jane Edwards，in this town，in June，18ti，was committed evidence of Dr．Boulton，who made the post mortenn examination of the exhumed body，showed that there was no fracture of the skull，but the woman might have sustained concuesion of the brain without the have sustained concu
sknll heing fract ured．
I shridge－On Thestay pynninz a man of weak revpectably compelpel in the town，was murdered by William Mutray，deseribed as a brichluyer，though he has done no work for some time and has generally on Tuesday lering in the streets or drinking is taverns， On Tuesday the prisoner and deaceased were drinkin relling or pnew that there wo one saw them quar－ reling or knew that there was any animnsity between
them．Murray was sepn leading liedrup throunh the streets towards the lonse of hie former，both bein tipoy．At half－nast 6 he left the house alone and wen dereasel．S－place，whero ho said that ho hail killed and found Redrup on the floor，covered with blood razor Whs found lying on a chair near deceased engraved with the name＂Murrar＂The decensed＂ thront was mut from side to side．Murray usas at once appreliended，and taken before the magistrates，who remanded him to Thursday，when he was committed the desire to oblai aph hulluge which the de was had，thoush he had been heard to threaten vengeance on some one a few days previously．On Weduesday verine another wery sad cave of homioide ocrurred a Cxbridge．Twolads about 14 years of que，were errand boy＝at a finls somp，and are stated to bave always been good fricnds．On Wednesday evening，one of then named Parr was haudling a clam on the stall，when the other，Jockham，told hum to let the finh alone Parr then playlully gave Joczham a blow and ran The blade unfortunately entered his side，and inflicted wound which almost immediately proved fatal．The maxistrates on Thursday committod his assailant for frial on the charge of Manllaughter
Fordarorrf．－A yomp man called Fdward Mastings Forder，very revpertubly connerted，was brought before the magistrates iot weeh，charged with the murder of bia aunt．Susanna Ifaninge．It appeared that the prosotier his relative a disorlinte iffe，went to the residence ut refused，wherelupon he struck Miss Hating ferie blow under the right year whth his int，from the effects of which she died a fesp hoursaftermards The prisoner was remanded for a week．The jury at the inquest eturned a verdiet of Manslaughter apainst him．
York－Edward Simpson
＂Flork－Jack，＂is said to be more widely known as
Yorkshire just now．A be driving a rood trade in
Yorinhire just vow．A fen days ago he called at winia a few diys converted about 60 flint splinters fakes）inte arrow－heads，hesides makipr about a dozen hane moxes from the hard blue whinatane．Thewe ho menced the trad iork．Another individual has coth－ heads into Melton，where the trado seoms to be very brisk．


## Uuisersity on eluacion，anl mutilatel by

mutilated bv the Lorist if the Crum． thr mition，thes woult hav
T＇Ife Jenran Puicel
have been held in Ireland to－
meetings were beld marclied to Drogheda，and Corker． fise In the Rotundo at Du
Butt，Q．C．，who said thet the alirexe
Butt，Q．C．，＂ho said that the
and keep your powder dry
was uャeles．Jir Williams
justice of the Enghish Governote the： refused let the blood be on their our out of time．

## The Latr Ffitin Raid gor

 was shot by Mr Gray on the Andrew a Feninn rad for arms．The juers ret their bravery and humanity．The Monagean Riots
on Wednosilug，the trial of Jobn Xans． murder of James Clark，at Mouagh time in deliberation，returned a ver murder，but frumd the prismer＂
homicide＂His lordshup stateit ＂Not guilty．＂The pecple cheered histelease．
The Riot at Portadown－Th they had heen stoned and
tha 18 t inot．，look place
8000 persons jouned in the proce：
men，although the deceased was dot onf man crape and sashes There were great was postpont，aty after opened on Wednesilay befor magistrates and adjourned．
Bradother Outbage in Tippebibs assassinated at Carpawhite，narrow was about entering his housse，an th he was followed by tro men ins
fung with great viojence two arge company with two other men，pursud
$\qquad$
their pur＊uers and got awa
Exehequerder AT Mrldivaur－？ Exchequer，on Monday，was
akainst the Daly Express，what the charge and the urcumantance
occasioned murh intercat．Tue letter published murder of Mr．Anketell，the Midarad $\mathrm{B}_{n}$ E．
 Mulimear，to murder＂The damugea were and Mr Macdonosli for the defereda．t ：．．． nithesses for Mr．Gugerly were
Nugent，son of Sir lerey Nugent． county，and the manager of the Nat ong for to the words used by him wheh they said，amonnted to bec＂anse he was a Ruman
a verdiut for the defendant，

## flace in Mulfingar when th

## line police were ped

MTrDER in Dowvalter－ took plack
day week
rharge of a female girl hising iusensible her skul blown assy，an I the removed a gun from above the fep＇

## Stotland．

Election of a Scotch Pbeb－

## election of a Scotch represes

Holyrood Palace，When the
Earl of K 价lie
sent proxies．
THR SUTHERLAND

## of

1
icence，packed everythitg
respretive honies．
herring fishing，but many of the

## of the small sield of $g$ ld at the burn, to ertend the ground so os to give them  Th ran cut a word many west for  2 Out of the luverness jewellers Hat at fee nin lume some of the Hen molalir alow have latterly turned - far ef the dyese male from ins. to  <br>  ane suther of Haterlme" in the chureth10 ar: Mnry Jempe Drans on "The

\section*{Xatlways.

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## ximllarip <br> is rhe Abrth- Cistrbn. - The firct

 13 At ick up prons train was on thPart of the trinin was loft ont - He ca sinn fetchees some trucha out II Mel carrutere, eame round the K rhianl, and ran into the goods
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 mer uns whily to the extreminties. The An) hanutalk, and ahout 20 persans had Even thi' amar br the noon trains, the others not permo hite several versinns who had received

## 31 ab.


Bronet $\begin{aligned} & \text { Jordpurat } \\ & \text { this nppeal, utuh }\end{aligned}$





 - mavisuthercy. - Case of the Dute of Newcantle. - In We tho 2 thth ult. the Court made an order giving the A "procued with his petition" In the first ilsagance it


 L- $\therefore$ :








 Mand in a bill uf sale, and neized in execution on

- the aberifi f Nottinghamghire, were the pro-

 - Wif the matlerse of fact, and law were allowed to cum Whe hast in the shnpe of a apeculal erase, snl it first ib , man and way the verdich ohould be entared tue cimi ation the (, it yeaterday morning, a long and earnes - Jutre a it minced that thay had agred to then Yir The Court to ho Bpecial uase to be stated ly ha Court to be at liberty to enter its verdic
ito draw faferencen of fact without pri any, of cither party to apply to
The Duke's a xanitusti n tuto d

Brarn lae jury were then dis


| Fice-Chancellore Cotrax <br>  |
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 the oompany as bonul $10,000 \mathrm{~L}$. In whanes. $\Delta$ fll ret int




 on the 30th ult, doelded, aftor an elaborato arempont tha
the tramaction was beyond the powers of the drectort, end that the Fayment of $\$ 00 \mathrm{nomh}$. Wich wai eliectod by throo










 and that of Mr. Brown, whor, soolng and knowing what was Kinge inc contented lifurulf with protesting 3galgat the



 Bravo, could soarcely be diatinguishod from that -
to the reat, the onse was virtually decided on the formser wase JIre.thous till lite in the procoedinga, Fould be shanmilsod, but

 to do as they had done, and that tua appran woparment within 14 days aftes service of the decree, and the conte of the muth

## (1)bituary

## 

 in fous -6th gear. Ho wis minn in an, an was the eldent hon of the secotid baron, whani hic succeeded in I Gas in the bon 1urs



 which proved fata in deceased lady was the only drughter of the late Sir John
dith of Fettercairn and Patalino. She was mantrie to to Lor C. Into
and three daughear. Iand Julua Cabiarion died a fow practe, and fleter of the late aecond danghter of ing She was born ta 1B05, and married in 1414 , the inte Mi James Eangaton Jangiton, of Maraden
Uxin
THE DOWAGEA LADY BaLroad diad a few daye since, in her
 marriel her sousin, the lite Sir Henry Halfors, in Pad


 much userth serne onth onast of Spain, in IAMA and distingratahed


## fatarkets. <br> Ithatktid.


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## ENGLISH WOOL.

Burinees has been fairly bries, and at the various country Wrol faire the leman! has been gond at falk priche batwitive nlandug that in nater
 Half lowera ditto
kent Flecerea
Sonth Jiwn ewves and wetherra
Lelcester autto
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METROPOLITAN CATTLE MARKI:T.
We hate n larger muply of Beatta, atd a minw trado, enn








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## of in 36 Trumes.


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 Hidhand and Homo Countles.
Beat Scots, Here-
fords, de -.
 geat Dowity Beasta Halif-breds Haif-breds ‥ $58-510$ Beasta, 4640 ; sho...

The number of Bcasts in smidll, but the trade is very slow, and an clearance canoot be eflected, potwithstanding a dis. moro Sheep and t,amlis thin last week, and the demand is
 Ehecp, 494 Calres, Rad 5 Ijigs Best Scots, Merefords. Ne
Best Shorthorsis
ad quality Bearts 2d quality Bearts IIalf bredis
Do. Bhert
Do. Shert

## METROPOLITAN MEAT MARKET, July 10

Best Fresh Butter
 4s, 8d. peri 8 lb .

MATK LANE, -Mospay, July 5.
We had ngain a very Ehort supply of English Wheat to this was quickly disposed of at tho extreme prices of this diay no'nnighr, and in emmo Instances hrought an ad rance of la per ur, For forchan there was a better demand at fully last to effect siles fit was neceasary to submit to a dentine of Gd per qr. American Flour



$$
F_{\mathrm{I}=\mathrm{IT}} \text { \&Y, J, } 1 y \text { ? }
$$

The treather since the 2 , inst but lieen fane nill warm, pith, growing crepa, and wasfaromable to the Whent in bloom, the of tho king dona (except Liverpowl, where the arrival of fureign the trade ferakifly, and as millers showed a disposition to increase thouracaks, wu have to repmrt an andrince of 1 s , to 2 s . per qr. on Wheat, but the lusiness trinsacted was not very extersive Exrenting lintidon, where oats were rather lower, this urtule, as well as Spring Corn of all cieseriptions, has dearer. In"sc nie marketa an adeance of 1 s to and the turn quoted. Since flidyy list the arrjvals of grain and seed With thone left over from list week, there renilined for pois last dirbt 3 cary es. Tha nmount of bysiness transacte it ateady Aherican, and kotme of the lest descriptions of
Russinas Wheate, improved 1s, to 29. per qr. Maize met wath $n$ Whent there waley reminned firm. For forward shipment of and Barley were not maternally altered in walue but Be. Maizo rather cheaper. Beans continue scarco. Paris, July 8 - There is no quotable alteration this week in either Wheat or Fluur, at equal to 3.4 . 3 d . per 280 ll . The stork at the JIalle is There was scarcely a
Ing, and Mondays quotitions were fully maintatied, The a fair iuquiry, and an was poor, but foreign Wheat met with no change in the Fralue of Barley, Beans, or Peas. There was


Lirekpocl, Julg 6. - We had a filir attendance at our



Our markets daring the pathe week have been poorly
attended, which is natal at this time of the year reports of the growing arops of Clover seed from Germainy and lance are very bad, and it is predicted thero will he very Red Clover and Trefoll is in much request for opeculation, Germany, which bupplied us with su much liod this lo speculation. Drarf sowing Ripe is aganin is ar ar atark Inctard is not su good, but prices are firm. New Trifolium is offering at moderate prices. There is no change in the valiee
of Cunary and Hemp, Joun SHaw \& Sons, 16 , Water Lane. LEADENHALL POULTRY, \&c
 Freah Butter 1s. 0d. to 19. 2d. per lb.!
w
ANTED, a WORTING PARTNER, with $f 100$ or ${ }^{\circ}$
 WANTHU, an effirient qund trustworthy PERSON,


VANTED, a LiND AGENT, on an extensive Property in

Yalue and Managemont of $L$ ght Lat d, theludirg Draming, Fenning Mlanting, \&c, snd fulls competent to prepare Psins, Spectifications, nnd Extimater for, nus to Superintend the Erection and Repur or

 لANTED, a BAILLFI', to Manage a Farm of lio Acres, Plonsura fremnik, and Gardens, near Lontion. To
experouble no one neer apily who is not thoronghly skilid and charaoter for competence, bonesty, ind sobrlety.-Address, szasing Age, Whether married or stnglo, and wages expected, X. Y. Z,
Reokenham, Kent, 8.E. IANTED, a GARDENER, who thoroughly under-
 WANTEI IMMEDIATELY, TWO or THREE noed apply-Application to be made to THOMAS CLTLER, WANTED, several sober, active, sble HANDS, Who


D ANTEI, is ASSISTINT PROPAGATOR, a steady
 WANIENO, a IRAYELLLER in a large Hhouste
 oither Connting Houne or Shop Dequationent, Apply by Iotter



WANTEH, a MARRIEI COUPI, E, without rhildren Poultry The Husband tn look after Cora and Eige and mate himthey carails usefin, on the premises, No persmn noed apply without ryom therlast emy loyer Lotberal wages-A|ply to C D, Terrico
Honso, Polygon, sulithampton



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EXPERIENCED GARDENERS (or H GARDENER




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 Any Lady or Genticman requiring GARDENERS or BA1LIFFS


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be untertarer,













$G$ DRUENER.-E. Conisina $M$

(TARDENER and BALILPY

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(TARDENER (SLNGLE-HANDED), of What

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ICOSE GROWER - Mr. Groker Pavicintan

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HOR1:MAN, or FORNMASHmen. to takell un in all brnnches of the Xiarsery Busgers clasi retaren -WM. KENT, Norw00d Witl, Her
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 TEPR THlloTTLE VALVES

* B. All Grods of fand retnititance a th oriter








 Autbor Mud Phan


## NOTICE.- MANCHESTER EXHIBITION.

# ORMSON'S NEW PATENT ECONOMIC BOILERS, 



ORMSON'S CONCESTRIC SADJULE BOLLER, ORMSON'S CONFOLUTED BOILER, ORMSON'S TUBULAR BOIT,ER.
These three new forman of Boiler, makin of the beat Weildrd Wrought Iron, in which the flame if concentrated on the larkema amount of dreat heationg surface, in the smalleste cubical space of niy Boilers before the publie, will be exhibited in the Moyal Horticultural Soouly's Show Ground, Manohester, during iho
forthooming exhibition.

## FROM THE "SCIENTIFIC REVIEW,"

 of April 1, 186.Ormson's Patent Convolutzo Welded Whovaht-Iron Borlise, - Mr. Henry Orman, of Btanley Brides, Cheleos, hes recently patented a Hot-water Boiler, the kreat ment of which is the retention of the fire, and consequent exhaution of its heating power on the various heating surfeces of the boiler between the water ppoces

Y.en arrig tit to pass up the chimney, On looking at the boiler from the bark end, which if closed by a water chamber or jaiket, forming thu onter rake and tap of the man thas the appearance of an clongated cube, slightly rounded at the top; hut, from the front, $1 t$ not only ahown the nuter water-cliamber, forming the firc-hex, in ditert

 anmption of fuel. These boilers vary somewhat from the illustration, acconding to their elze. They are adapted for heating bortinultural buidinga, mannonn, churcher, नhar byldings, \&e, and, being made of wrought-iron, on the most improved system of welding that material, aro very safe, and "xtrmely prwarful hotlen.

HENRY ORMSON, Horticultural Builder to Her Majesty,
asd fet-water apparatus mandfacturer to the commissioners of her majebty's royal palaces and public buit divgs. AND TO THE ROYAL HORTICULTURAL 8OCIETY,
STANLEY BRIDGE, KING'S ROAD, CHEISBA, HONDON, S.W.


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Whis intout Portable sinx, näi



## GREEN'S IMPROVED PATENT ROLLEF

 LAWNS, DRIVES, BOWLING GREENS, CRICKET FIELDS, and GBAMI[^59]
# T. H. P. DENNIS \& COMPANY, Horticultural Buildera CHELMSFORD, ESSEX, 

Bey to inform their Friends and the Horticultural World generally that they will have SPECIMENS of their NEW and IMPROVED WROUGHT-IRON BUILDINGS for GREENHOUSZS, CONSERVATORIES, For inspection at the fortheoming ROYAL HORTICULTURAL and AGRICULTURAL SHOWS at MANCHESTER. Also of their

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## SHANKS's NEW PATENT PONX and DONKEY MACEINE.

Width of Cutter.
25-inch lachine .. If with Patont Delivering Appentan
28-1mph Martune
Boots for Pony, 22r. per set. ; Ditto for Donkey, 18s. per set.
Every Muchine warranted to give ample satisfaction, and, if not approved of, can bo at once returned u'thout any expense to the byym.
ALEXANDER SHANKS and SON, DENS IRON WORKS, ARBROATH; and 27, LEADENHALL S'TREET, LONDON, E.C.
27, Ladenhall Street is the only phece in London where intending purchasers of Lawn Mowers can criosse from a Stook of from 150 to 200 Hation All azzes kept there, whether for Horos, Ponv, ar Hand Power

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 DBESHING MACHINES, SINGLE, DOUBLE and TREBLE BLAST Patent roilfo stefl beater plates





CLAYTON axD SEUTTLEWORTE,
THIP GND WORKE, LNNCOLN, and 78, LOMBARD STRRET, LONDON, E.C. Catalogues on application, Fres by Potc.

## CUMMING \& EDMONDS,

gORTICULTURAL BUILDERS and HOT-WATER ENGINEERS, LILLIE BRIDGE, FULHAM, LONDON, $\mathrm{S} . \mathrm{W}$.

MSSRPATORIES and HORTICOLTURAL STRCCTURES of every description deasped and erected (an $4 \%$ Inoz), and Ifeated on the most approved principlea with the

## PATENT TUBULAR SADDLE BOILER,

tho cheapest and best Boiler construsted.
> nte. to heat 400 feet, 4 -inch pipe
> twee, to heat 9011 fett, 4 -meh pipe
> ; nie to heat 1600 fect, 4 -inch pipe
> inse to heat 3.500 feet, 4 -mech pipe
> 5 ure, to heat 6000 feet, 4 -inch pipe

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Inoluding Purpace Doors, Bara, Dead Pinten, Damper.
4. Ptons and Rotimaten firm of alorge

# GRAY'S OVAL TUBULAR BOILER. <br> INTERNATIONAL EXHIBITION, Class IX., No. 2119. 

Ho ouy bega to call the attention of the Nobility, Gentry, Nurberymen, Gerdenen, don, to his

## NFW OVAL TUBULAR BOLWER,

wovided by practical judges to be a great improvement on evary form of Tuboler Boiler yet introduood, ly mora itself superior to all other Boilers for quicknes of action and economy of Fuel, doing its work with und ies the amount required by any other.

Ztren from Report in Gardenerex Chrontcle of International Exhihitom, May 24, 1862, page 476.

 in se Thy usual form or a furnace being a paralielogram |is no doubt ar improvetnent.

They are mado of all mizes, which, woth prices, may bo had on application.
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appearance; EFFECTS A SAYING OF 25 PER CENT. on coast of Apparatus erected compared - ...ms, faculty for extensions, ailerations or removals without injury PRPLCTNPES of

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 GIE PAXTON'G PATENT HUTIBO SK for the


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 Greanbousek Samples for wirder on application BLIND TICKING, BALL CLOTH, And FORFAR SHEETING at the lowest prices, Estimates giren fri outsile SHOP BLTADS, fitted on the improred JAS. T. ANDEHSON. T, Comaraer cial Etreet, Sborediteb, London

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| 300,000 |
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LEGAL and GENRRAL LIFR ASSURANCS The Right Hon. the Rord Chentilior.



q. Taxing Mratar in Cheacory
ITION on January 1,1896 .

 lyrested Fund







 ine till Seven. Admittance 18 , willlam callow, Secretary.

## 

THE COCrT.-The Queenand Royal family continue it Windsor Castle. On Friday morning Prince Albert Victoria of Wales, left the Castle for London. In the afternoon the Right Hon. H. A. Bruce, Secretary of
State for the IIome Department, had an audience of State for the IIome Department, had an audrence of
the Queen, and presented to her Majecty the following rentlemen, who received the honour of knighthood:-
Mr. William Tite. Mr. Thomas Duffus Hardy, Mr. Mr. William Tite. Mr. Comomas Mr. Joseph Heron, nud Mr. Richard Davis Hanson, late Chief Justice of South Australia. The Queen afterwards hold a Councl. Earl audiences of her Majesty. Sir Andrew Buchanan had an audience of the Queen, on returning to his Alison, Minister at 'Feheran, had an audience on his return from Persia, The Duchess of Cambridge,
M. de Beaulieu, the Belcian Minister, and Viscount Sydney, arrived at the Castle on a visit. On Saturdsy the Queen, accompanied by Princess Christian, drove out and visited the Ladies Murray at Ashurst Lodge. Princess Louisa drove to Twickenham, and visited the Duke and Duchess a Aumate at orieans Hinister The Duchess of Cambriage and the Belgian Minister keft for London. Prince arthur arrived rom Greenwich Park, Earl Granvile arrived on a visit. On Sunday morning, the Queen and Royal family Rev. F. Pigou, incumbent of St. Philip's, Regent Street, preached the sermon. On Monday morning Prince Areached, Earl Granvile, and Viscount Sydney loft for London. In the afternoon the Archduke Rainer and the Archduohess Marie of Austria visited her Majesty, and afterwards drove in the Park with Prince and Prin-
cess Chrietian. Princess Louisa went to London, and was present at the debate in the House of Lords. Her Royal Highness afterwards returned to Windsor. On Tuesday Princess Beatrice drove to Bushey Park, and visited the Duke of Nemours and Princesses Marquerite and Blanche of Orleans. In the afternoon the Queen went out with Princess Louisa, Mdlle. Musurus from London on a visit. On Wednesday the luke of Argyll and the Right Hon. A. Layard arrived on a visit. On Thursday afternoon Mademoiselle Titiens, Signor Gardoni, and Mr. Santley sung before her Majesty and the Royal family.
THe Princes and Princersb of Wames,-On Friday evening their Royal Highnesses dined with the Marquis and Marohioness of Familton at their resiPrince and Prinoess went to the Royal Italian Opers Covent Garden. On Sunday the Prince Royal, St. James. The sermon was preached by the Rev, Canon Harvey. On Monday morning the of Viscount Downe with the Lady Cecilia Molyneux, at St. Paul's, Knightsbridge. Their Royal Highnesses were aiterwards present at the dejuner given by the Earl and Countess of Sefton at their residence in Belgrave Square. In the evening the Prince and Princess were present at a ball given by Lord and
Lady Rendlesham, at their residence in Grosvenor Lady Rendlesham, at their residence in Grosvenor
Square. Prince Louis of Battenberg arrived at Marlborough House on a visit to their koyal Highnesses. On Tuesday the Prince and Prinoess went to Watford, where his Royal Highness laid the foundation stone of Prince dined pith the Marquis of Huntly. The Princess, acoompanied by the Princess Teck and Prince Louis of Battenberg, went to the Royal Italian Opera, Covent Garden. On Wednesdsy morning the Prince and Princess, sccompanied by Prince Louis of Battenberg, were present at the marriage of the Weatminster Abbey The Pring we broors at present at the weddine-breakfast given by Mr. Brooks at his residence in Grosvenor Square. In the afternoon the Prince and Princess, accompanied by Prince Jouly Holland at H, Royal Highnesges went to a ball Duchess of Wellington at Apsley House. On Thursday Prince and Princess Christian visited the Prince and Princess at Marlborough House, and remained to dincheo. in the ovening the Prince and Princess dined with Maria Marohioness of Ailesbury at her of Battenberg left Marlborough House for Portsmouth. Yesterday afternoon the Prince and Princoss visited the Queen at Windsor, and afterwards returned to town.
THE DUCERss D'ALBNCON, wife of the eldest son of Austria, was mafely delivered of a princess on Friday morning at Bushey House, Bushey Park.
The Cabinet.-A Cabinet Council was held on Thar Cons in Downing Street.
hird reading of reasons why the Bill should not pass, has been signed by the Earl of Derby and 46 other Peerg.

## fForetign.

Frarce, - A Council of State was held at St. Clond on Honday, and in the sitting of the Lognslative Body, the following message from the Emperor:-
 int informed you that on the opening of the next ordinary
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July
This message was favourably resoir concluded the reading of it amid
the Emperor ! Beauchamp, Terme, and Peyrecse, a majority, were elected secretar
large preponderance of votes large preponderance of votes the hands of his Majesty, by whom th The Ministers will, however, cant duties of their respective offices undit 4 . shall be appointed. In the evenio Nearly all who held a meeting a were present. to the effect that under the p Tus no necessity to press their convaly two Imperial decress wer convokang the senate on August Legisfative Body. The time the Legislative Body will be fix
the sitting of the Legislative Bod report of the previous day's
read, M. Jules Favre protested
tion between the impern
loud protests aprey,
thereupon called M. Jules Favre to continued, however, and was cheer the Left, but the noise prevented him "The President again called ham o act a protest should be raised not on regulations of the House, but contro ments of the country. A conversat MM. Giraud, Pelletan, and others, , tions which had not been declarel the deputies senarated in silence Midisterial resignations, it of M. Ronher is absolutely defintive, gone to Sercey. It is Lavalette, Minister of Public Worship; snd ML, G of Publio Works, will also reference to their 5 . of Tinisters. that the Prince de la will succeed'M Ambassador at the Court of M Ollivier has refused any porth requette the Ministry of the Inte do Genouilly the Ministry Niel the Ministry MM. Segris Louvet, MM. Busson-Billault, N, that of the Left Centre, and the Presidency of the Senat comments on the reforms promis meanige, thivis that grateful for them.
Spain.-The New Ministry constituted. Senor Arlome2 as Minister of Finance, Works, and Senor Becerra nies. The other members retain their portfolios. Cortes. He remarked that stituted from the ranks of and declared, on held
that it would uphol
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the Deferred Debt shall be Intermal Consolidated Stock, and shall be but one quotation

## That the sales of eooleasiastical proper

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-Tje Delecation
f the Austrian Rpiehson S Beust Some I'olish are wewnt Count heuperor, that his Mannounced, on till greet the delegation, Prace Carlo $\rightarrow$ President. The President, in his onening reved nutal ts of the institution of the delegzin Beurt oubmitted the Budget ostimates.
it be Blishop of linz terminated on Monday, jury returned a unanimous verdict It the charce of uttering subversive
attempting to disturb public order, and P- entenced to three months mprisonnld be imprisonment for s1x months. was subsequently pardoned by the
has declined acceptung the pardon. Oo Tues day serious disturbances took place working classes in Brunn, rendering intersary on the part of the military. Stones
thrown at the troops the latter fired on ing tiso and wounding 12 of the roters. rerautions have been taken against a renewal
brbances comisittee appointed to inquire into - of of parliamentary corruption in the a fulr at the charges are not proved. It is said
1811 before the committee fell far short of
been surzested by MM. Lobia and Crispi, the sea el documents contained littie more statements.
The Constitution, having been sanotroned ney, was promulkated on Sunday amid from the President of the Regency, and separated, manifesting great enthusiasm. Mo the 8th inst. some Persian nomads ent of Turkish troops, who passed over irmatier under the command of the hment of infantry to the support of who were only forced back by the Turhs of the Russian Ambassador, the Porte has some telegraphic instructions to the the Kaslitschelsky Pass to their own

The reforms introduced by the Ameer at beng carried out The Bombay Garette ver hat Shere All's proposals to the Khyber chiefs Ha beon closed, Mahommed Azim Khan and 2tse cmpp of the Russian general in Turkestan. It sated that the Chanda coal fields are proving very
Azewin-Advices from Abysinia state that
aver h.rham, a British officer, had joined Prince Whan hat bad placed a force of 2000 infantry and 150 Than tuder his command.
De Australian colonies astaction has been evoked zis aspdralian colonies at the British Parliameat Fintrasents digers have by him in the colony. Cape, and declare it a swindle. ful pearls, found at the newly discovered Wertern Australia, have been sent to
the last marl. The settlement founded on Ieands by the Polynesia Company is said to
and a line of packets now runs between Fiji Majesty's war steamer Rosario
against shipping slaves. The Kanaka natives on board. A prize put in charge of the schooner, with instrucstates that he has information of the trade having been practised among ea Islands.
hatand,-The Duke of Edinburgh left
on June 1, without meoting the Meri nine pels have surprised the troops; four nine privates were killed. In one of the vered concealed under the banks. It had bad been given to the natives some 12 or and had evidently been uuopened.
Trutites-The President on Wednesday Mississipupi ordering the Reconstruction minnsthe Test Oath and Disability Clauses nito reject to a separate vote, so as to permit
"ante conatite ratifying the remainder proclonastitution. The President has since dection to be held on Nering November 30 . The
Nop correspondents of several New York reverved that Mr. Motley had had a pro-
intervew with Mr. Motley had had a pro-




 announces that an agreement has been srrived st for

 has thand au order by the l'readet, harme the emtare army and navy force there at h- hiphasal in top the
Cuban filbusters, who are suspected of flling out anotber expedtion. The Pentashama lemuerals Convention has nomunated Mr As Pacmer for negro sulfrage and the Congreanluat IReconstruction policy, and condemning the preaent tendency to a centralisation of power. General Hancook has refused hta nomination. A detachment of cavalry, under General Carr has surprised a band of hosule Cheyenne Indisas. Fifty of the latter were killed, and 1 ; made prisomers areident on Wedneadas makit was the Eirie Ralway the tramb. Lork express tran, wheth nan thrown from the trank. The cars caupht thre, and mesen persons on Monday night, a procession of ()rankemen bernk attacked by a party of Catholics Thurly person attacked by a party of Catholics Tharly personn disturbance. The report of IIeenan's deaih in Calsfornia is contradicted.
Parageay.- The Comte d'Eu has gained 1 wo
important wetorjes over the Paraguayans, which are considered almost decisve. These victorics were gamed at Sarsento lomas, north of the river Jejuy, and at Lapuenia, near the river Tebiquary. The $\mathrm{I}_{\text {Parngunymos }}$ lost 500 killed, ${ }^{\text {3ih] }}$ prisoners, 10 guns, and much cattle
Many Paraquayan familes who have been released have returned to Assumption L, laver had wrillent th Count d'Eu complaning of the l'arazuaynn flag flyng in the ranks of the allied forces. General M'Mabon, the United States Minister, has offered his rervices as medtator in this question. The alhed Powers have
agreed on the establishment of a Provisional Governagreed on the establish
ment at A ssumption.

## Barliantent.

In the House of Lords on Friday the Earl of date January having moved the restoratrom of the the disestablishment of the Irrith Church was th charges were pall in Mas, lue date of Joy The suggestion was adopted. Earl STaNHors motion to allow the Observatory of Armagh to retain the tithes of Carlingford, oustomarily renewable by the Dean and Chapter of Armagh, was withdrawn on the claims of the given by the Government considered. Lord Colciestrar moved to add to clanse lis a power to the Bishons and Deans of the Irich Clureli to retan then terrstorial titleg free from any lability to penalties under the Ecclesiastican Titles Act. The Gotion was opposed by the LoRD Cind supported by the Earls of Harrowbr and Bandon. The motion Was ultimately withdrawn. Lord Revespale moved bishops of the Irishaswell as the Roman Catholic Church The Earl of Gravard opposed the motion, on the part of the Roman Catholic body, and it was eventually withdrawn. On the 2 sth clause the Marquis of CLANBICARDE moved to restore all the terms of payment originally proposed to be made for residences, mont origuall prope that, after having refused to vote advances for rlebes for the Roman Catholio and Presparion there bound to restore the clause to its original form. The Marquis ef Sare the clause of Salisur CuEvBLARD supported ith Darl RC'ssell sad that he did not despsir of their lordships reconsidering their decision as to Roman Catholic and Pres byterian glebes on the final stage of the memsure The Earl of Denbige stated that a meetiag Roman Catholic binnops had been held, at whird o give then clergy glebes and residences. On a divi sion, Lord Clanatcardes amendment was rejecte by 91 to 56 . On clause 24, the Arcbbishop of Lerord TERBCRI moved an amendment emblition to the Irish Churoh in lieu of all private endowments abtocior to the Restoration. Earl Graniluce said that, after the deciston of the House on the Lister giebes, the Government did mot now feel bound by thetr ofte Lord Cairns, the Marquis of Salisbery, the Earl of OERBY, the Earl et Harainst the Government posi LICHFIRLD, protested against the amendment was agreed to without s division. Some additoonal amendments in matters of detail were agreed to, and the Report was then recersed. On Monday, on the motion for the tilird reading of the rish Church Bull, the form it be read a third time that day three months. Lord LTggas and Lord LitTrlton oppase the amendment, and on the suggestion of the Earl of LBTRIM it was withdrawn The Bill was then read a third tume, the Earl of J) ERBY giving notice that he and oither Peersant it. On the










 bai bult restemen for minntere of a): three depoms-
 of Cikasiall, the Earl of HakBewne, Hari GBas
 The Firl of Inas Alcill said, that as a homan Catholic the beliered the plan of concurrent endow ment wha on the Whole the beat nolution of the difliculty, he whould Le ume vole for the menendmant, and on a divino


 and negntived withoul a divawent The Marplus Thw wh-

 expressing their intention in oppose it, it war withdrawn. The Arclibinhop of CANTKRMt Bt moved the second reading of the linhope lencignation thll, the buseet of which wan to frecuitats the retipement of haslopps incapacilated hy ake, shat ats rime of mental meapaily, to appoint a coadjutar. With the right of

 part, the Mhil was read a semond tume Tlie Muniepal Franchise Bill and the Diplomatr, Salaties Baill ware nassed through Committee. The Charity Commasaionern lbill and the Askessed Rates hall were read Abizarier on tio defecte of the Sentech Salman Fishiery Act of MAPE, the Jarl of Mokiwy etatel that the
 land to report on Thumstay the Marims'Tow, sinhent moved the Chldrens P'rotection Bull lard Argite moved, is an amenduent. that it he read daat day

 Ricingon $u$ clamed the exemption of C'brint's Hosplal
from its operations. The Dute of CAMBRIDGE, Lord from its oporations. The Duke of CAYBRIDGE, Lord
OVEBSTONE, and the Marquis of Salisbiry supported the claims of Chriat's Hospital; Lord Lyttelton, Earl Dr Grey, and Earl Granyiler opposed them. The House then went into Commattee, when an amendment, minved by lord Silishery, proposed to atbstitute lent years for 5il, with the view particularly of encourague hemuests for cdurational purposes, was negativel by 13 to 29 . Some amendments moved by he Bishop of Loninis were aloo netatived, and after a long discussion the Bill parsed through Com-
mitteo mittee The Bishops' Resignation Bill paseed through Committoe. lesterday the Greenwich Hosputal Bill was read a second time. The Eiarl of Cilisabion moved that the alterations recommended by the Select Committee of last year, with a riew to remed he present defective construction of the Minuse in reference to hearing, be carried into cffect. The Houne was left sittung.
In the Commoos on Priday the Contagions Diances Animais) Bill was considered in Commitros, was inserted in the f3d clause, st the instavce of Mr W. E Forster, that every reilmay company should make arrangements to the satisfartion of the Prnvy Council for the supply of water and fond to animalis carned by the company at such stations as the Counct mught approve, on the written request of the consignor, or on the ricit rore appicicatinn of the person in charge of the amimals. Mr. EAsTwIrk called attennon to the nosition of aflaira in Central Asa, and the advance of husala in the dipentinn of oir ndian fronmeet thes advance by furnabing armsand money to the Affghans, but ad rocated rather the strengthening of our influence in Persia. Mr. Grant Deffrin reply sald that the policy to which the Iodasn Government looked for security was to promote peace among all our neiphbours, to strengthen our north-west foske our rule in India not only beneficent but sympathetic. Sir S. Nobtricotk sald he was in favour of keepmen out of all entanaling alliances, and juarticulariy out of the imbropho of Alffatan politics, but the adrances of
Russia had been forced on her by the anarchy of the states in front of her, and to strengthen Affghanistan would be to deprive Russia of my tomptation to wnterfere in its aflairs, Mr. Gradotone sesured the House that lond Kayo interview with Shere Ali did not involve suything in the nature of an engapement, and kisonstan shoutd be regardel as a neutral zone between her own and 13ritzan influpace. Mr. Herbert moved that the gmtina before the Ladtes Gallery ghould be removed. The mothom was Samerbed by and opposed bs Mr. B. Hope and Mr. Layskd, who stated that be had consulted 200 ladies
on the subject, and that of the whole number two only had expressed theur destre to have the krating removed provernent, and he promsend to consider hon the conl he dome durinz the recess. On thas assuratee Mr
 Brip, Mr. R. N. Y. 1 LrF
objectel to wher memter








 Bill, after some discuasson, was read a second tume Lorde. The Sudday Subools and Ragged Schools Bail Was read a third timie and paseest. $\operatorname{sir} \mathrm{J}$. Hity ohtainer leave to brag in a Bull to prohint the inportatiou and at a morning gitting, the Hou-e pquin sent into CemmBittee on the (rmaga,rus Diseases Ammals) 1311 Was agreed that the principle of the rate in and should
be open to quest', $n$ at a future stare, theneh the



 passioge of the Act of 1866 and the appointment of inspectorsunder that Aok The Valuation of Property Mhetrono. 1 In Bill aino raseed through Coromittee was rear a 1 h.rid thas and passed. At the eveding sittiog, Mr R Torriv. Mlled attentron than letition ment in the constitutic) of the island, and moved a resolution in accer labse w th the peetition. Mr Mns Mn: objooted th the motion, whech sas whintrwh ( fonel in reference tu the er - tral of the Treats of 1 . moved for hai ers un tie slobjeat Af er weme remarhthat the Gover, and Sir C. Diliak, Mr. ()twis wath any demand for the revision of the Treaty until the would occur in about four years. The motion was then withdrawn. Alderman J, iwhFwise moved reno
Tas
the

 sinned hy the sat te patae to the rateporm at of the Government with a vizy 'ozollue remusiont of the heavy debt incurred for $1: 5 \mathrm{mp} \mu \mathrm{pantion}$ The






 stup pert as Thame Haven on the iwh and 1248 mat
 intend bo toue more armuent restatens maninat


 the Real Eatate Intestacy II, l, the objent of whic of the freehold property of permins dying withous making a will. Mif. BrazsFord-Hape moved, na an day three months The Buil waa suspmorted by Mr



 Libl was mederd in cimantiee, the fin be hads the freetiolifere to at Parliom, benting enlarged from




 from the abolition of the dedsum ition on account of the building charges aniendmenteminnors, from the amendment thes amendments. tha (ister Giehes tithe-rmant purchase, the a the puor-rate from tse and the paitponement of "concurrent endowmen+"
property The 14 reare' ${ }^{\text {anmmutation and the curates }}$




 tha athtude the latat









 the lhs, abse the renthetrons of the cmuntry ware
 (council apportooning any part of the surp, fae she mind













Mr. ©. Handy and Mr. PatectiT opthia | the moluen
which was supported by Mr. C. Finitraith, ano





 permons dapinved of jocomes, were disegreal to without discuseion, except in the cumbes clause when the





















## dity Entelligence

Manh Ratr up Discotist - The Bank direntoris ni Teurnday reducad the note of diemunt from H per

 for Alvame


## fietropolis and its Fitinitp.

atare of tha Qilapio Prite wan hrolitht to a trion the alver mevala, hadua, and foul hathe won br theme, the Kirlt, of the Fait lirk Ion Saturnlyy the interment of the shonting mainiy oenterat in the Toternational

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 wae gupportad by the lint Newn an thit Similar public meatingz the noteat a- an bill by the llu menta introduce it juto the been bold of Oldbury. Laverpopt. Hz Newcathe - 0n - TyBO, If Iddlesbroidi.

 Regtairar- aly

 daril, if in Neweaste-upon-Tyna and 30 in
unul 1 Paris the annual rate of mortality in the Ha saturdy the 19 the inst, was 22 per 1090

all lygn chuldren, were refistered in In the corresponidng weths of 19 yearo.
niernise number corrected for inerease arernis number, corterfe deat registered in
 tumk cirrected for inorease of popultation, way
med preent return is therefore 71 below the

## grontimetal.

 13 Pit od Friuay Long, married men, who were Coumriono- - A conviction under the Sae Birds
 acigulls at Flumborou;h Mear. The

lhirgrsp.-The approaching visit of the Privce tinceso of Wales is exciting great interest in this frononequence of the wish of their Royal HighWat thel risit should be considered as much as itretions of loyghty will not be encucuraped The muly ilo been changed for 1 the vitht to Minchester
Turdy to Wednesday. Their Royal Highnesses Huire at Worsley, the seat of the Earl of Elles-
 too mind ot Ol Trafford, and partiake of a luncheon ill prende. Alterwards
 veroil todithter. In the evening a party, consisting of the morporate suthoritios of Manohester snd Inv, will e invitited to meet them, On Wednesday purf for Peel Park, Saiford, where the Mayor Myportion will present an, address. They will the it Prince Consort. At the Thewn Hall they 4 miem nddress from the Corporation, and then
 Elizal
crazguns.-Pursuant to a judge's order to the Clinuly, the seat of the Dulke of Nowrontle. There yn maodingly numerous attendance of buyers y il parts of the country, and the bideing was Nod of dut the prices were not particularly high.
 for ponltry, which fetched from \% $\%$. (dd. to 10 s. ©d, voces, and valued st 5u0l., only made 64 g8, Whe trood Capd Falaed st 500l., only made 61 g8, Whe was bought for 181 gB , The Mntay We,ter ('up, it Shrowsbury, Wes sold for

## The furkiture was very coswly, and realised high

arme -The Queen has deputed the Princese
a to lap, in her Majeaty's name, the foundation
of the escond pair of buildingo of the National
Fiopital for Consumption and Diseasea of the
in this plice, on Wednesday, the 28 th of July
preparation are makiag by the committee, and onablamen and goutlemen interested in the of the Imgheon of wit which Lord Eversley, to proside.
Iromb $=0 \mathrm{n}$ Theod fisited this town, When the Prince laid the ation stone of the Loondon Orphon Ablyum, been $r$ moved to this neighbourhood
It ntd $B$ fow minutes
site through a sertes
 nutul The rarriage wiss escorten Pringess were received hy the frot battalion Hunbears and by the managers of the of the county. Their Royal Highueseses Werre
in procese
 nearly filled with ladies and geonlomen,
dames Cavol, and


> 2the ihatk- of the matiakers for thas new prian
$\qquad$
 es allerwards land puries benthe sthene. Prity marinden with the Xational Rarisuiper in an adjoining marquee,
the Earl and Counters of Essex Lord and Lad
Chesham, Lord and Lady Ebury, Lord Rokeby the Bishop of Rocheater, Ladd otiber gent Llemen and ladies.

## Erelamo.

Thi Orange Anniversaby.-The 12th of July pased over without bloodshed or serious disturbince Nough some rioting has taken place since at Belfast, Newry and Lurgan Besides the three great meet-
ing at Killyman, Tandragee, and Newbliss, smaller hut sin imposing aseemblayes were held at Lamber suntfinid, Massoreene Park, Irvinestown, Dromore, resent-an immens nill
phayluz "loyspe Water." shots were fired. Many lawles were present, wearing Orange colours, The
platiorms were deoorated with lilies and banuers, Mr. Johnston and others snoke. At Saintfeld, near Bel fast, more than 30,000 Orangemen from the north
 livden was announced to preside, but from fulling heal th could not do Bo , and in his absence Mr. Willism Beors, (Hrand Master, county Down, took the chair. A lonn letter was read from Lord Roden, expressing his attachment to the cause, and denouncink the
Government manifestoes. Mr, Willin for Downotrick sonounoed his intention of support. ing Mr. Johnston's bill. At Lamber, over 20,00 persons assembled, under the presidency of Mr. Crommelin Irwin. At Antrim, 8000 to 10,000 assembled under Lord Massereene and Perrard, who though Orat this crisis every Protestant should beoome 20 Orangeman. At Grey Abbey, 5000 assembled, under the Chanoellor of Down Cathedral, At Derry there was no public demonstration, but in the evening the opposite parties paraded the streets, and a scuffie occurred. The constabulary, however, soon restored order, At Irvingstown, Ennigkillen, a great demon-
stration was held at the Lake Erne
Hoter
. 10.000 sons were present The processions marched vith flags and 20 bands playing party tupes. Shots were fired and speeches delivered. No police were present. Che Lodges marobed home in procossion, with colourh Irish Churoh Bill were passed at sil these places, and at each place reporled on. The brotbren marched to the ground with flags fying, drums beatung, aud insignia donned, the Party Processlons Act being opeoly treated with contempt. At niglat there was s orowded and enthushastic meeting in the Rotunda at Dusignia. Mr. Thomas F. Calbeck, District Grand Master, was in the chair. Several exciting speeches
in favour of "No Burrender" were delivere . The meeting passed off peaceably, but there was some disturbance in the atreeta; a gentleman and two fadies ladies' bonnets torn off, and the wiadows of St Bride's Churoh ज्ञere broken.
ATTRMPTED ASSASSINATION IF GALWAE.-On SAturday eveniog as Captain Lambert, of Castle Lambert, near Athenry, county of Galway, was close to bus residence, he was fired at itve times and dangerously sounded by a man lurking among the treas. Caytain rombert received our shots- $h$ ied $h$ is watch, and the furth struck him in the temple. It is expected that l.e will recover. The siag has been extracted. The revolver wha imperfeotly charged. The supposed asiaswla, l'eter Barrett, Fass arrested at Woodlaw Stat ion, aud fully identified by Captain Lsmbert. He of a farmer who was lately evicted from the estate. THE RBPEal AGMTatron.-Placards were posted C irk on Friday, sdvising the Orangemea po pople of the South in the common cause, and wear orange and grean. A fetter appenred simultaneously in the Etening Mail from Mr. T. W. Macartney, Sheriff of Cathon "an Iriah House in College Green."
eluotttg
THE THON AND HARRNW ('RIChET MATM,-Thil matah commenoed at Lord'h one Friday, in the pregonce of a moot present, many of whone were membera of the higheat circles of rank and fashion. It was whe what Eton 10 , ond four had played proviously Harrow had won al, Eton
 We largo acore tho 146 yet remaining to be rubbed uff, and
to go in agal
what the play ceated for the ovening they had obtained
 waturday in the premer

## Phttuarn.

Lord Taumton died auddenly on Tuegday afternonn, after an illase of oaly a few bours On Tuesdiay of last wetk he
 Munday, he drove ont in


Inws. In 1805 ho berame 8 gecretary of Stato for the Colontes was raised to the Peerage an Lord Tauntom, a title which he assumed in compliment to the borouph he hed representad for
nearly 30 yeara. His last public emplayment wer nearly 30 yearg. Fivs last public employment was us thairman
 as dir Labnuchore, under wbich name the longer ait well as
the more activo portion of his political life wan anent. Before
ontering Parliument be travelled in the United Stat. ontering Paritument he travelled in the United Statea and in
Canada with the Eurl of Durby and the prosent Spate Canads with the Eurl of Durby and the prasent Speaker of the
 Siter "if Mr Thomas Baring, MP P, ind, Becondly, in 1859 , to
 rage, ut ass left no non. The title, therefore, is extinct mat LORD K Fsyon died on Wednesday last at Eastbourne. Ee
whs the eldest som of the pecond peer, by the only davgherr
of the hate Sir Thomas Eanmer, Bart, and was borm in 180h. He was edun tel at Christ Church, Ozford, where he graduate $1 B A$. in $18 \% 0$, anui H.A. in 1829.
1833, Ho marfed in leaves by ber a nuruarous fanily Ho id Fucceeded fil the honours and estates by his grandaon, born in 1864, and the
only child of the Hoo. Lloyd Kenyoa, who died in 1805, by the daughter of Mr. J. R. Ormeby Gore, MP $P$ Lady DOFF-GorDos died pt Chifo on the $14 t$ inst. She was
 to to raside in Egypt, the ait of which was considered favour atle excuraion royal Higbnesses paid her a viait at her klopk near the Mr. William Jrrdan, formerly for many yeara editor of the
"Literary Gamette" died on the Ilth ingt a Bughey Heath in his 88 th year. A pative of Kelso, and educated at Efinmurgh for the scottiah law, he capene to London to push his way in litersture. Of his varied fortunes in this precarious profesmion le has given r racord in his Aufosuysuphy, published about is
years ago. With mont of the htarary and scientific men of hestest mark in litarature poad palites and with terms of intimacy. AD intcrenting vellimo of persoual rec. iectioms, entitled "Men [ huve Knuwn. "Mphe ured two gears ago, inscribed to the then Chief Baron, Sir Fredericik Pollonk,
also $\&$ Borderer, with whom Mr. Jercian since boybood hyd
 in the lobby of the old House of Oommons, selac d Belliogham, the Ass.ssstrin Mr. Percifal. Hewas at that tume ond of the reJurtare for the Press, oo that hia connection with periodimal hiterature continued for half a century. In recent mumbera of Fraser's Magazine are contributions from his pen, and the last
two parts of the Gentleman's Magazins contain en erticle on the celebrated Beef.Stent Clab yagazina combain an articlo on the have written from porsonnt knowledge. For Beveral yearg rominlacences of distingulshed men, illustrated by cha ractaristic lettera. of the Royal Litterary Find in it early days he was a zealous adrocate, and by hie influence greatly
aided its prosperity. Late in lifo he recafved a pension of 100 l nined its prosperity. Late in life
a year for his services to 1 t teratu

## faxtety.

 demand is zmueh slower from the northera and midland of Orchids, Pelaryoniums Hs drangeas, Calcoolariss, Roser Mignonette, Heltotropes, Fuchsirs, Pinks, Carmations, Looks cumbe, Kaloanthes cocolnea, Whudantho Mangleaif, Cram panulas, and Lillums, da.

FRUTT.
 VEGET 4rtiohoka, grean, p. doz., 2月, Lettuoss, p. score, is to 1 s 3 d Beank, Kidney, p. 100, is to 2a Mint, pur bunch, \&d to 81
Beat, per doz, 8 Ma , Cuabbages, pur doz, 18 to 28 Carrote, per bunch, 9d to 1 E Celery, p, bund. 1s 6d to 2 s 6d Potatos, lork Regents, p. ton, Cuecumbers, asoh, 4 to 18 , Flukes, do. 80 s to 160 s Endire, per doz, Is od to sa Garlic and shallote, porlb., 8 d Spirrach, per bushel, 28 to ss
 Horse kadieh, p.bund. 3s to - 36 Trusse

HaY. - Per Load of 36 Trusses


Clover, old
.110stol35s
Inferior do Prima Mandow Hisy 105into120s
Infertor do.
 .. $\overline{100}$


## 

There has beon mither less dutpor, buyors having lately
tucked themeives prety freely, but the maricet continuos


METROROLTAN UATLLE MARKET.
The Eupply of Beasto is empalter, and two-thirds of it is foredgn, consequantly dhoicest milyo average. Thare is a very

chotcost qualisties pricea-are lower. Choice Tambs are more in
domand, but inferlor qualities are a heary trade. Calves are yelling about the sarie as on Thurrday lest. Our foredgh
 1153 PGP, from Ireland there are a Beasta; from Norrouk
and suffoll, 100 ; and 1250 from the Midand and Home Countles.

The number of Pensts is abouty the anme at on Thurgday The number of Bensts is about the aume at on Thurgday
last the trade is more active, and in some instances rather
higher pricos are obtained. The supply of sheep and Lambs is amaller, yet quito sufficient for the demand ; prices are the Curn better for choicent qualities. There is a large supply of Caives, rates. Our foreign aupp
Sheep, 602 Calves, and 50 Pigs.

 2d quality Beasts Hall-brods
Be. 8horn 900 ; sheep and Lambs, 14,$550 ;$ Caives, $838{ }^{3} ;$ Pigs, $^{5}, 65$.

## metropolitan meat market.-July 17,

Beet fresh Butter
Second do. do... $\because \quad \because \quad \because \quad . \quad 13 \mathrm{a}$. per dosan 1 b .
 LEADENHALL POULTRY, do.
Thuraday, July 15 .

MARK LANE - MONDAY July 12.
The very short supply of Wheat to thls rourning's market ensbled factors to obtain an advance of 1s, to 28, per qro aponi qur. improverant, at which a fair amount of business wat transacted. Barley, Bcans, and Peas were unaltered in value. Fiue stout Oats brought last week's quotations, but Ruspian Tlour was unchanged, but town houschold and country marike


## 二 $\quad$ - $\begin{gathered}\text { Tines } \\ \text { Talav } \\ \text { Norfolk. } \\ \text { FARLEF, grind, }\end{gathered}$. selected...... rune., Wh <br> $53^{1}$ Red -56 Red Red... <br> OATs, Foreign.. Erindingand and Stilling 24-30 Malting Scotch and Lincolnshire. Potato 25-33. Feed Irish .............. Potato $30-32$ Feed PYE. <br> RyE-MEAL, Foreign <br>  <br> $\rightarrow$ Forelgn... 438 to 47 ............ Sindalil38- Longpod. Peas, White, Fssex, and Kent. Boilers $40-411$ Euyptian <br> MAIZE Maple 418 to 458. <br> - $\quad$ Foditho.......................ditto 23-40 40 Country

 per berrel|2The weather since the 2d intitu, has been remarlably favour and forefg Wheat have bean smanlif in the markets of the United Kingdom (excepting the arrivala from America, into Livenpool, which were vary large), and the trade, owing
chiefly to the deasite of country miliors to get into stock, bas
been atrong at 13th inst. some of ourther leading mance of ls pets show gr. Slate the Frakness, and any desire to realise produced a alight re-action Wheat realised edrly this week, compared with the lowest have declined about la. per pre qut in most other markets thi grain, and all other sorts of 8pring Corn, have been Bleghtly gram and eaed lader vessels ofrome thetive. The arrivala of
 against sellers two it was dull, and prices of Whest ware slightly in balue. In Rye there was nothing coastimproved at barcly demand, and Barley remained at about the former value foreiga (fats, which are liberal arate, with the exception of attendance at this morn liberal. There was a very thin mannacted either in Finclinh or fort, and but little businese made were generally at a alight reduction upon Monday' quotations. Sping Corn of all deagriptions was unchanged is
value.

extent, at the prices of Friday lagt; but redkinds were rather
opaier. Flour quiet, at last Friday's rates. Indisn Corn in fair request, at an adrance sf 3 d , to 6 d . par qr. Oats firm. recent extrome rates. $\qquad$



SEED MARKET.
There is but little to report this week concerning the agri attended, send trade, our markets now being very poorly attended, and an exceedingly sman amount of business doing.
Clover and Trefoil seeds are held with great firmass, and the
impression continues to gain ground that espccially for the latter deseription much bigher wriees must prevail. Sowing
Rapesecd is atill admancing in value, and fine parcels are
 incarnatum of the wew crop ia offering at reasomably low
prices, but we do not anticipate this geason the unprecedented demand for this article which provailed last fall. For othe


WANTED, a NURSERY GROUND FOREMAN.

$\bar{W}$ ANTED IMMEDIATELY, a First-rate FOREM IN

TINTED, as GARDENER, a respectable married Man, Without children. MMus, thoroaphly underatand hir
 ANTED, a MAN who understands Out-door Work, and 18 well up in Roses and Fruit Treeg, Personal appli-
preferred, and god charactor indispernmble.-J. HOUSE, V ANTED, as SECOND GARDENER a reapectable
 - 7 ANTED, in a Nobleman's Establishment, where respectable and intelligent Young Man as an IMPROVER. A moderate Premium Fill be required.-For further particularg, apply
to Mr. G. NiCEOLSON, the Estoourt Nounaries, Watiord, Herts. W ANTED, a TRAVELLER, in the Seed Trade. One W ANTED, in a Iondon Whoricte Omife, W C. W ment, a, Young Man as TRAVELLER, Se.-Must have had
 To Corresponding Clerks. IFSBRS. VOTTCH AND SONS are
CLERK. Liberal and progressive wages will he given to giving person.-Apply, in the frot instance, by letter addresped to the
Roysl Exotlo Nursery, Chelese, London, \&, W.
$\sqrt{\text { ANTED }}$ in one of the lagest London Nurseries, rech and German to be able to Correspond in thone langige o A Forelgoer With good reforences not objected to. - Apply by letter
to A. Z, Gardeners' Chronicle Offle, Wellington Streat WANTED, a CLERK, or CLELRK and SALESMAN, capacity To P Young Man desirous of gettitg on in the Bublous Wellighton Street, W.C.
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 proprietor in in ocosaional reandence ony- the Man AB Gardener,
 W
 Gardon, Horso, sc., and to make himselif generally useful; the Wifo

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N ANTED, in a large Country Houne in Essex, a


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W. HOW, Claygate, near Ksher, Survo

 (TARDENER (HBAD), or GARDRINEB ad

 ARDENRR (HRAD), or good Satis-ARDENER-Age 45 , married,
CARUENKR-B, CooLing, Mile b
 (TARDENER (SINGLE-BANDEM, or when
 CARDENER (SINGLE-HANDED, or what
 (TARDENER (SingLE-HANDBD, or whet


## (TARDENER

(TAKDENER (UNDER), in a Gentlemnia
 Kent, $\mathrm{B}, \mathrm{E}$. (ARDENER (UNDEH), in a Jobleman: (T Garden.-Ago 24; soveral year's experdanea
 T Glasa, and Flower an
good charcter - J. B, $M$
 ynars' excelle
BALLIF F-A Gentleman Wibhes to find Bins Bailifi, who 18 lesvigg bism, and cin well acq
Reygate.
BAILIFF, or BTEWARD.- - Nobleglist
 trom personal knowledge, five a moot ineturet an:



## 



( HOPMAN, (c.-A Young Man,



The Gatmenteg efromitle

EATCHDAF, JCTY 24, 1869.
$\boldsymbol{W}, \mathbf{S} \quad \mathbf{T} \quad \mathbf{F} \quad \mathbf{F} \quad \mathbf{A} \quad \mathbf{N}$.


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DVidLiam B. burton, Gbnbral Furdtshing
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##  <br> The New Geraniums <br>  <br> taw <br> $E=E=$ $x=25+5$ <br> 

## Z2ome Netus.

f 1 bTl Br, wh the Covet For Osbohet --The en seotupisi led by Prineo and Princess Caristian, ancen Claristian Victor and Prince Albert of -ris-Holstent, left Windsor at 9 oclock on Tuesa mer. ut for the Iclo of Wight, and arrived at
s me sit won. On Wednesday the Dean of Windsor mine bisit. Windson.-On Friday the Prince aso of Whas visited the Queen, and remained Their Roval Highnessea left the Cistle
Nor Marlborough IIouse. Sdme. Mdlles, Ralouka and Cassandra Musurus
antle for London. The Marquis and Castle for London. The Barquis and we Mrsed at the Castle on a visit. The Right marday Prince Artbur arrived at the Casble Greenwich Park. Mons, Madame, and Miss Van er and IÍss Alice Tan de Feyer also arrived on On Sunday mornine the Queen, Prince $1 r$, Prace Leppold, and the Princesses, attended
and Noulitam, vicar of Scawby, preached the sermon. Aternoon the Queen drove out, with Princess wa wh Prince Arthur On Monday morning the Prumant Put with Prince Leopold and the rut Mons Madame, and Miss Yan de Tretad Miss Alice Van de Weyer also left the In the afternoon the Queen drove in the irs Privice and Princess of Wairs, - On Tans the Prince and Princess visited the Queen at aches Mare of lRussia at Claridge's Hotel. In the Jluchess Marie of Russia, went to the Royal Opera, Covent Garden, On Saturday the accompanied by Prince Arthur, went to seso lrove out. On Sunday the Prince and haresaltended Divine service at the Chapel Royal, Jimsis. The sermon was preached by the Rev Celvild On Monday the Princa and Princess

 Catmo

 torty to go to Wildbad for the benefit of the subalth.
firtid

Drchess Marte of Ressia was Claridae"s Hotel on Saturday by the Duke of of the arntescracy. On Sunday her Imperial *sattended Divine service at the Russian chape nocess of Wales and Earle Granvilled the Prince suces of Wales and Earl Granville. The Grand ayterwards took a drive in the parks. On cos of Wight.
E Cablekr-i Cabinet Council was held on Todnesday
dmiral Sir George Nartorius has been 7onted Admiral of the Fleet, Admirsl Sir Fairfax at rad Sir Provo Wppointed Vice-Admiral, and Rear-Admiral of the Knited Kingdom Appointuent.-Mr. Gladstone has ap Mr. J C. O'Dowd to be Deputy JudgeLushington, Q.C., appointed Secretary of the Trey of Bishop Jenner, -It is understood Jenuer, who was consecrated Bishop retura to Eneland the synod of the diocese to recognise hito, and both clergy and laity ars prior to his ronsecration held the vicarage kent, and as he was not compelled to resign Tis returo to England.
mossisting of the - Admiral Hornby's Lifey, Endymion, Scylla, and Bristol

Madeira on the lst inst., having performe
 exception of the Briswhand Endy wans, wluth tad to



 the Gueen had extended the Order of st Mie hasel and
St. George to persons who mas tave rendered in-
 Gillomitg apponntments in the Or ler II I: If th.. Cuke of Edinburyla; Viscount Mon h late dinvernor-
reneral of Canada. Farl of Derby, Fatl (ires. an Farl Russell, formerly Secretarsey ot state for Llst $^{2}$ Colonies, to be Knights Graud Cross. Colone Thomas Gore Browne, C B, lste Governor o of British Guinus; James Walker, Keq.: CB. Governor of the Bahamas; Genoral Charler Hastime. Doyle, Lientenant-Governor of Nova Scotia: 1anl the Right Hon. Fredersek l'eel, har kinghthon Charles Bowser Mderley, and sur liredurat Rosers Bart.. late Linder Secretarios of Sinte for the ('olonems. of Caydon; Alexander Tillock Gall, Fisq, lato Minister of Caylon; Alexander Tilloci Gald, Fisq, lata Blaniber Esq of the Colonial Department, and Thonias Frede Esq, of the Colonial Department, sind Taonas Frede tate for the Colomes, to bo Kughts Commanders Charles Cowper Fisq, late Chof Mianter of New South Wales; Willam Charlea Gibson, Lism, late
Colonal Seoretary of Ceylin. Felix Bedingitd, Ema, Colonial Seoretary of Coylom. Felix Bedingfintu, Ean Tnte Colonial Secretary of Mauritus : Jotath lius ay
 Wales; John Sealey, Fsig, Alormes-remeram on of J3ritish Guiens; Thomas Skinmer, Fisq, late Cit Engineer and Commissinner of Roado for Coylon Theophilus Shepstono, Esf., Secretary for Nativ Afairs in Natal: George Mecleay, Eag of New South Wales; and Dr. Ferdinand Mueller, M.I., Govermment Botanist for the volony of Victoria, to be Companions of the Order.

## forcigu

France.-Imperial docrees have boen publighed appointing the foilowing as members of the new
Ministry:- Mi Duverkier, Minmter of Justice, Prnece de la Tour d'Auvorgne, Minister of Foreug Alfairs M. Magne, Mmistor of Finnnee. Marshal

Minister of War; Admiral Rigailt de Genouilly Minister of Marine; M. Bourbesu, Minister of Eduastion ; M. Gressier, Minister of Public Works iM. Alfred Leroux, Minister of Agriculture ; Marquis de Chasso loup Lusubat, President of the Council of State Marshal Vaillant, Minister of the Imperial IIouse bold. The Ministry of State Las been suppressed At a Council of Minnisters held on Monday it was decided that the prorogation of the Lekivative Bnaly should be maintained. No date Was fixed for its re-assembling, but it is rumoured that in will mee Tuesday appoints MI. Rouber President of the Senate for the session of 1s0\%. MM. Durny and Fuitry have been appointed mombers of the Souate. The Iarquis de Lavalotte has been definitively appointed Ambessader to the Court of St. James's. Count Armand, First Secrotary of Embassy at Rome, hus been gppointed Chef du Cabinet of the II mister for Foreign Aftairs, and M. Mure, Secretary in London, has been nomiosted Sous-Chef of the same Linistry. The Empress and the Prince Imperial left Paris for Berck-sur-3ler on Sunday. A meen a proest which he had drawn up against the attitude of the Government towards the Chamber, and at the same time developed a political programme, which was, bowever, rejected by the Democratic Depunes presunt, Fs being in farour of preserving for the present a Favre spore Picard Feratry, and Tachard silent attruderion of the Legiglatire Body. Thin advocatea a dissola view was, was arrived at. The Monitew sajs that the meeting not only led to no result, but revealed, on the contrary, Rerms or divisu, anclive to Parliamentary betweon the Deputies who desire Demoerscy Government and those who of the Tiers Parti who A meeting of the mambers of the wers held on signed the recent interpellation walved on Tuesday, when it was ungnimousid down in their the views and principes to adjourn until the re-aisembling of the Chamber. The Tribunal of Com merce gave judgment on Monday in the cuse of th Société Immobilière, declaring the directors respon sible to the sharenolders, the honds bought by them burse the whole awount of 190 . from April, 1803 , to Apre, appoints three Iquidator to wind up its aftairs.
Srais.-A plot to asossinate the Regent Serrano General Prim, and Semor Rlyeronial certan day, wa discovered on Tuesday. A The Rpgent has left Madrid for the former Roya summer residence at La Gramja, and wil matn hero Carjos, accomanamed by Genernl Elo, has left Pari






 agraed to. The Carter thercuich, is hanabled a jerman cent conimission of esplut metulters, in $x$ tia $b$ all the different politi nil fractsous aro ref rasestmi
Brtuiry. - The Court of Assizes of liruevelk on Tuesday condemoned M Bachalery to six mouths' fm-







 Britinh depertment bataz the mant ferward the
Iracted the greateat attenation, and aflar the Britiab Commasioners and jurove hat tran fromented
 manufictures in wheh wisexal In the memany grand hangunt was givell in the l'ark larals. at which
the Ponce preadel foyers wereland for stin, and the





 rementation in l'arlatment

 consmation fir the proteraliom m, herely h pry with the North German Confederation, and the treaty with Wurtemburg respeotidg the law of naturalisetion The Baden Government has riguifed its willingaesi to send a represealadve due held at Berno on the st. Gothari faitway question. mombers of both the listrian and Hungerian lelega-
 eppresed sentimen on a con Fmperor. Li Rajen, and he hoped the Ifuoparian Melcition, which had Hungarian king lom possesied ower the rommon affairs of the Statc on an equal footiny With the Cin- batian prowinces, would, hy ils unitel of pratically matiog the inslitution of the Jolesations by arluine to ithe cremt of the monarchy strengthening pease and contirming the pabse can fidence. In reply to Prace Carlos Auersperr, his
Wajesty sad it would bire him sincere satisfaction Majesty said it would bire him sincer catishotion
to see the Delegration of the Reirharath harmoniously to see the Delegration of the Reicharath harmoniousiy the power and bonour of the
the welfare and contentment of the daferent neoplea of the Monarchy. II is Majesty addnd that inis would always be the surest guaranteo for the mane inace of peace at home and abroad, for erery sinder to win friends required respect and confidonce to order to who frends has been apmonted Commander-in rlane of the Landwehr in that portion of thr Fimpire which Ls represented in the Anstriza Ren brath doputy in Baron Sohmerling has been spronte the deputy in Vienan on Honday, under the presidency of Privy Counseltor Fourate
HURGARY. -The Bills relating to the sppointment of judges, the Hungarian Western Rniway, sad the Hungarian-Galician Railpay, have ruceived the Roga until Octobe
TURKEI - The Leranf Herald states that the French Mnster of Foreign Affaire has fnewarded protest the thorte against the abrogation of the
 Palace. It is arserted that nomestilt pending. of a lan of ten mallons sterling are stilt pending. first sote taken on the subpect of the ele then of the 92 to 53 . The Chamber bas sumee comrlualed the imi-
fication of the elections, and the majerty of the Gation of the emernment is confirmed
Risora-- 1 letter from Si Petershurs nnnounces



## THE GARDFNERS' CIRONICLE AND AGRICCJTTTR,IT GAZETTE

of 35 . A mere journeyman hatter, he owed to the
chance which placed him in the path of the Czar bi elevation, at one stroke, to the highest pinnacle of fortune, His pleheian name was replaced by that of and He Emperor's munticence gave him of the Guard, and the Emperor authorised the openmng for him of in national subscription, which produced and riches he has committed suicide. The abuse of spirituous laquors is sald to have been the cause of his lamentable end
Abrsinit-Information has been received which
removes all doubts respecting the fate of Mr, and Mrs. removes all doubts respectine the fate of Mr. and Mrs.
Powell and party, Mr. Walter Powell, M. M. the
brother of the deceased gentleman, has just returned brother of the deceased gentleman, has just returned
from Alexandria, where he had gone to deliver a firman granted by the Wherey of Feypt, directing a ctron
militiry escort to be provided for Mr. Menry Powell mnlithry escort to be provided for Mr. Menry Powen
and Mr. .nkins, who have qone in search. It has been
ascertinned that Mr Powell and party wero attacked ascertinned that Mr Powell and party wero attarked
and massucred by the Tekh tribe, and not by the
Bezan tribe as Bezan tribe as first reported.
H1s wife, who was standing a short distance mofnons. speared also, and managed to stagger to the body of her husband, when she fell. The murderers then speared Mr. Powellss little son, and finished the butchery with died. The Bezans afterwards came upon the murderers, died. The Bezans afterwards came upon the murderers,
and compelled them not only to relinquish the booty, and compelled them not only to relinquish the booty, the bodles to the Swedish missionaries, by whom they were properly buried.
India - It is confidently expected that the Kirghese tribes snuth and south-west of Orenburg have risen en masse aganast the Russians. Turkestan is furitive Sirdars of Cabul, Azim Khan and Abdool Rahman Kban, have been hospitable received in Persia, but are treated simply as refugee princes, towards aiding them in any attempt to re-establi,h themselves in Affighanistan. The men concerned in the well-rememhered "Prema conspiracy," shortly ever since, have been released by the Government of India. Cholera has made its appearance among the royals at Nusseerabad, thongh, it is hoped, not in a at the station are free from the seourge. The re-marriage of a younk Hindon widow was celebrated in Bombay Remarriape Association the auspices of the Widow the $100 t \mathrm{th}$ Fons at Stocunderabad have seceded from the Church of England, in consequerce of the ritualistro Crins. - A proclamation hostilg to
been posted by gecret ancieties alno the foreigoers has
 upon the pretence that ther had come for the purpose
of bollog and eating children. The Government has promised to caturestigate chaten. The Government gun-boat Oprossum has anchored at Ichang. A conspiracy
another Tas been discovered at Soo-chow to open it is reported, 50,000 , and $i$ the conspirators number, capture Soochow, Huchow, Hanghow and Shanghai. Several Chinese Hongs have combined together to party have returned to Shanghai.
for the purpose of avolding a preparing to leave Yedio Duke of Edinburgh. An ample apologt made to Cadtain Stanhope and Mr. Robertson, her Majesty's Vice-Consul, for the insult to which they before a passiag noble. The Mikado's to dismount captured Hakodadi, which was oocupied by the rebels. was done. A steam-ship, formenly the Littledamage 22 lives, Tincluding has been wrecked near Cokohama; greater, part of the passengers and were lost, but the Cnited States - Warren and other leaders of the on Wednesday kaited upon seseral Cabinet Ministers the release of Halpine and other Fenian and IrishAmerican prisoners in Great Britain. It is reported edence, While Mr. Hoar deccined, and strongly denounced Fenlanism, declaring that the Fenian raiders and desperadoes The Vnited Statesed of thieves Ryan's Cuban filbuster expedituon, near Hobeken New Jersey. Ryan, with a few others, escaped. The gupposed to be the raped to the President that this is York. No expedition has succeeded in leaving New York for many weeks, and President Grant has York fully to sustain the United States' Marshal in opposition to neutrality laws. The Government American shores has been removed. The cable on have promised to abide by future Congressional legisCavion the subjent.

## the Government has enmm Ottows announces that

 M'Mahon. The lstof July, the seonad anniversaryof the Scuba, - Insurgent prospects in Cuba are dim. scarcoely any tightury in unsw reported, and there is much ingued a proclamation declaring thatall vessels transport-Consul-General at Havannal has cautioned Germans against joining the filibustering expeditions to Cuha, ubsidine since the enforcement of the neutrality laws by the [Tnited States.
Brazils and Pabaguay.-The former news of the two tietorips of the allies is contirmed A body of Opper Parana and effecting a succeeded in crossing the and the position of Lopez in the Corditleras had been completely surrounded. The French and Italian con suls had been declared deserters by Lopez The revo-
lution at Montevideo continues, and the northern deyurt ments have declared in favour of the movement

## Barlíament.

Is the House of Lords on Friday, on the motion to o into Committee on the Bankruptcy Bull, Lord Committee. Lords WEsTiscry and Chrimarord also objected to proceet with the Bull at once, and Iard carefully the provisions as to the trader debtor and judgment debtor summons. The Lord CEANCELLor hoped that the House would not adopt a course which would be tantamount to postponing to another session the reform of the Bankruptcy Law, the state of which the reform of the Bankruptcy Law, the state of which
had been for years a great scandal, while the appoint ment of a Select Committee would seriously prejudice the interests of litugants who had suits before the House. Lord Romilly's motion was then carried without a
division. Several lills were advanced a stage, and division. Several Bills were advanced a stage, and
at 7 p.m. a suspension of business occurred, but the House was kept formally sitting to receive the Irish Church Bill from the House of Commons. On Carl Granville gave notice that on past 1 o'clock, would move that their lordships do not insist on the amendments from which the Cormmons disagreed. On Monday Earl Russecl moved the second reading of pas-ed Coleridge's University Tests Bill, whide majority. The Earl of Carnarvon moved as an smendment the "previous question." The Bishop of GLoccester and Bristol supported the amendment Lord larl of Morley, the Earl of Camperdown, and word LyTtelton opposed it. On a division the bill brought up the report of amendments to the Municipal Franchise Bill. The clause permitting female voting for local offices was resisted by Lord Redespale, but it WRSdefeoded by Lords Kim Berleryand Cainns, and the report Was received. The Archbishop of Canterbury Resignation Bill. After some discussion, in which Lords Limerick and Littericon, the Duke of Somerset, and Lords Redesdale, Harrowby, and Devurs took part, the repnrt was received, with some adutional amendments. Seyerai Bills were advanced masse. On Tuesday, on the consideration of the ments in the Irish Church Bill, Earl Granyirit suggested reasons why the House should adhere to the main provisions of the original Bill. Of the 62 amendments introduced by the Peers, 35 had been adopted by the other House, if re-smended, and only 13 positively rejected. The Government considered that it would be a breach of faith with the constituencies to accept the principle of concurrent endowment, and that the proposed plan of endowment was application of thesurplus would the posten ponement of the like, tendiag to the destruction of all independent energy in the Irish Church itself, and to one continued battle of rival creeds. He moved that the House should not nsist on its amendment by which it had atruck out the prohibition in the preamble against applying the teaching of religion. Lord Cat any Contested the propriety of severing the discussion of the tro the proments and moved that the House do two amendamendment in the preamble. He denied that the House of Commons had paid due respect to their amendments. In adhering to the amendment on the question of the surplus, he believed that ther lordships would carry with them the opinion if not the votes, of the majority in the Commons, and certainl the opinion of the country. The amendments which he considered vital, were the scale of commutation should curates compensation; and those on which he some difforence of opinion on his own side of the House concerning them, were thedate of Disestablishment, and glebes. The Earl of Kimberley and Lord Halifas defended the proposal of the Government to consider the tro amendments in the preamble sepain whinh the amendments had been treated, that the Government attached less importance to passing the into collision with the Commons Hese and bringing it now impossible to carry a measure of cont it was endowmont, but the responsibility wre of concurrent obstinacy of Governmensibility would rest with the details of its own particular in insiating on all the a modification which would be found to be really favnured by a majority in the country. The Marquus surplos. The Earl of SHaftesher reseration of the as the most violent and revolutionary measure but thought it prudent not to inslst on the amendments. Earl Ru'sebl
ment ought to have been atistied with oarying a
measure of practical disestablshment and disendou.
dogmas, whioh insertin entrapping the Legislature therefore vote for the libertune of debate,
violating the decenc object of the Geverctes or
between the two Houses of Earl Russell's Housees. ITs
ITe project for appropriating
implied a partlal applicalish
toaching, and in the second of the House of Commenons,
resolution agrinst itself, like a drunkard takine ing its mind in the futur
Pnly reasnn wlis that H
Prime Minister had bid
bid it he could not sear
rinthine recesses of that mind slap on the face. He beliered tha House of Lords to interpose made the arroqant will of one man. After on the ground of his objections to the Church property, a long dise on the two amendments was terminated by a motion BOROUGH that the House should CHancrllor adjucssed the Hou very warm and bitter rebulke to
Marquis of Salisbury for therr Marquis of Salisbury for their A scene of extraordiarary confusto condemned the speech of the Lar Earl Grex, while acceptiag th Government. repeated his accusath
House divided when Lord Cairas the House should insist on the preamble, was carried by a majorit being 173 to 95 . The debate was th
motion of Earl Gran ville who dec a division he could not take the re: On Thursday Earl Gbasyi consulted his oolleagued with be pursued after therr lordshu
and that they were anxious the other amendments sho
of peace and conciliation. lordships should not insist on th
the date of the Bill from Lord CAIRNs sfated tha Tuesday be had had a conferer which remained were not man incapable of solution. The date at $\mathrm{M}=$ secondary importance accoept the date originally
of curates, too, he advised
up upon therr amendments, an with respect to residences
commutation of annulte gested a compromise whicu
accepted, aud which was, that clergy in a diocese resolved
The only question then remainin 68th clause, aealing with the sur
mise offered by the Goveramen that the clause should bo amend portion of the funds to
unavoidable calamity

## it would be applied witho sanction of parkament. <br> authority of lis party, an

 opinion, much as he dish controversy in suspense for morlbishop of CANTEBBURY, the Earl bighop of CANTERBORY, the Earl of Cibsias
Marquis of Salisbuby, the Earl of Miv Marquis of SAl willingness to acc
Resseci declared t
credit to the leader

## displayed by the G <br> \section*{Iand, Lords IHalifax, Hab}

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    ordshins: 10
take the sa
the Farl of BANDoN and the Bill protested against it and the heir amendment as to the dste was then ance with the compromise
Lords's amendments Gle
(

## reawn in reapect of Hose tho hase had diasmong from which the <br> orted. Yesterday <br> ble despatches from the question of the a a financial stateof railways and made a inancial state- and andian . The House was

on Friday Mr
Gladetone move
Friday, Mr. Irst'part of the Lord

If a million, but should disagree to the
involving the gift of the Ulater glebes. an, in supporting the Lords' amendment, to compete on unequal terms with the thar discipline, and owing allegianoe to筬poral as weli as spiritual Power, Under in lo entablished unless the humiliated Protes-
 Mr Serjeant Dowse, and Mr. MrCli'RE re-
the idea that the Church would bo unable without assistance. Colonel
F. Heygate, Srs NobTHcote,
YER, Mr. Charley, and Mr. Patren Palyer, Mr. Charley, and Mr. DEatEE supported the Lords amendment as an dese a asy would destroy the title of most of the andomners. Mr. GBEGORY, on the other hand when sold, and Mr HadFielo protested against Nes mandment on the Ulster glebes was defeated se apendment capitalising the private endowsubequent clauses up to 67 inclusive were, with cish clause, providing for the ultimate anation of the surplus, Mr. GLADSTONE moved minarving the appropriation to Parliament, and - the surplus would be applied to the support a cfirmarites, hospitals, lunatic asglums, and ared to the motion, on the ground that the views o
ioremment and public opinion were not sufli
matared in refereace to the appropristion of An animated discussion ensued amon of lnit members as to the most beneficial modo o nstbe funds. Mr. G. H. Moore said that not five an would lead to endless jobbery unul waste, and ther coocurred in this opinion, and Mr. W. H. Gitros urked that the fund should be devoted to mance the material interests of the country in railthe which the Government, after the most minute of Hiner plan was concurrent endowment, which the Hshe had decisvely rejected, and the opposition to itheren a the Church. It was repudiated, moreover, by Roman Catholio bishops and Irish members, and 30.d bact the surplus under the idea that endowwould be to leave an embarrassing legacy to matice Parlument. Mr. Walpole urged a 1 not positly have consulted the feelings of those intarested, and that the use proposed to be made wand improper On of landiords and occupiers wat was negstived by a majority of $72-290$ to 218 . ivea, and the contest in cheering was prolonged for 5 mm, иitb a few anse was then restored to its original 0. The proposed connpromise on the Commuta rause (23) adding 7 per cent. to the value of ane interests where four-fifths of a diocese decided axpted it, with was next considered, sion that the Bill bo returned to the Lords, Mr. expressed his doep regret that the House,
mendments of the Lords after the magnahay had displayed in reading a second time a Piodnoements offered to them was the promise of - meronsly considerat their amendments would be ith lords had accepted some of these amondments, maserious spirit which quided the fortunes of that mal on their rejection, with a fow exceptions too tar as to threaten the t. While Mir. Bright had gone
in Dot obey the Government. Mr. GiLadstone erppressed his deep conviction that, though there rold enals to be passed through, the Irish Churob tin Act some future day look book to the passing of mated Mr. day of her regeneratioa. Mr. HARDY manty threatened a dissolntion, and contended that lanese of boen throughout a want of generosity to the wards corde and a contempt of equity and justioe herds the Irish Church. Mr. Briazt disclai ned P. Hantit of dissolution, and charged Mr. Disraena and P. Hard with violating the ordinary rules of Parlis-

Committee whe apponted to draw up rawons for difiter-
ing from the lorda' atondmenls aftervards read from the chant nail firmally approved The Telepraphs lill was read a Menond womo, and House went into Conmmitee of Suphly, when Mir for education. If moved the remainder of the vole
 Eagland and Fales, and conskted for the kreaker part in the number of pupl-teachens, as well as of admussions to tranuing roleges. But. on the other Land, one-fourth of tho be be ween six and luy years, and onefifth between 10 and 12 were reeeming a real education
A loug and desultors converation cosued not so On the merits of the vute as on sughestions for the Euration Bill, which the Government wif introxuce Art Department ( 295,2585 ) mad Britiah Mupum disfranchisement of tho Dublin freemen in farour of so Gorernment measure for firceming by ConsmisDublin Fraemen Commission Bill, Mr Colim Yoved an instruction with the sew of inchatimg motion, which Was negatived on a division by 18 mittee Mr, LOWTTERR moved that the Chairman leave the chair. Afor an suimated discunsion Bill then passed through commithe. Tha County Administration aud the M Mnes Regulat inn Bulta wera withdrawn. The Trades' Union l'rotection of Fund Bul was read a sen realing of helrovelth Buar movad the second reading of the Metropaitan bisari Works (Lnans) Bill, the object of which wes empower the Hoard to rajse money for the completion
of the works entrusted to them, and to consoldale tho of the works entruated thend and insed a stock, with the same privileges of transler, investment, A, ay Govern ment stock, always under the control of the Treasury and referred to a Select (committe. In answer to Mr. Magribe, Mr. Bricem band that the Prison Ministers Act, brought in bions teaching to some Catholic prisoners, had been a failure in the metropohs, and he saw no remedy but to givo the Secretary of of paid Roman Catholie chaplans, On the order for of paiding the adourned debmeo on the slarriake wit moved that the order be 1we,aracel Mr. Bprlatwhis Hope suggested that the Bull, at thas late pariod of the
year, should be withdrawn for the seasion. Lord Year, should ber this gargestion. Mr. GLADSTONB opposed it and sion that these marrianses ought to be egaliesed, and that it should be lot to each religious denomination to detormine their religious aharacter. After some further disionod by miority that the order be dischar of $86-143$ to 57 . Sir JoHi Hay thed moved the adjournment of the debate, whioh was dereated ons division by 145 Mr. Mone - one to extend the 1 ll to CoLlins and Mr. Monk - one the extether, the other marriages with a decessed husband rieoe-were then to marriages with a decasison, and the House went negatived withou The firgt olarse, extending the into Committee. The firgt claush, extend Ig land retrospective effect of the Bin which was prolonged until met with etrong opposition, which adjurned before the clanse Milbank, referring to the language used on the per ceding evening in the House of Lords by the Marquis of Salisbury, asked the Speaker Whather asy apology or redress could be demanded from a peer who had used language iosolent towards tol the party, and insulting also to the diguity or the riose Commons. The SPEAFER said that the question what neither one of "order" nor of privilege, Commons. not whith propot supposed to be cognisant of what had taken place in the House of Lrds. The second reading of the Hypothec Abohtion (Scotland) Bill, nfter a long discussion, was carred on 3 division by lat to not the understanding that the measure would pro County Coroners Bill, the Suburban Commons Bill, and Che Special and Common Juries Bill, were withdrawn. The adjourned debate on the third reading of the Married Woman's Property Bill was resumed by Mr. C. RAIE BS, who moved as an amendment that it be read a second time that day Bebesford Hope opposed $1 t$ supported the bus, third read!ng was carried by 131 to 32 , and the Bull was read a third time and passed. The Railway Construction Facilities Act Amendment and Cinque Ports Act Amendneat Bulls passed through Committee. Oa Thurday Mr. Sabroris asked Whether the trivercation meassure of last year. The in the genembal in said that after the Solicirok-Genestment his Bill had met with at the contempta Lords he had not taken upon himself to ascertain the intentions of the Government. Mr. Brecs withe the Habitual Criminals Bill Was to be the repor Bery alled attention to the dis dropped. Lord Be Kealand, and earnestly pressed the turbel anne od to withdre from it the eympathy
aod oountenanex of the mother country Mr Mosamis. kround of polay, and kad that. havione the general
 we cuitlt to leave them to ratry 11 oh withoul amaist tlep barkuards towards the end patdlie omxinso whinh was at the bottom of sill tic m-detitume of Nem anpply, and agroed to soreral raker in the chase of The Irish Clurch, Buhl, an ameticmi, wis I roukbid domn astin from the Lands an: land upin the labie, amid
 and leasons math Iri-b Churen Bill, Mr (ilametose He deacribed the manner in wheh the Government bad sssented to the amendments and said that considering the morereste afferted by the hill, and the mischef whech would result from its not being parsed, they had concluded to recommend the House he make sensible and substantial nonoessinna Mr. Dhbrazli expresived his opimon that the conpromime had been foelend on a farr. wisp, and conte hankry frinciple, bil weutd be the lase cereanion on whes. the riplis hon
 sion the smenduments were comatered and adomed amid loud cheers. The House was left stiting.

## IItp Inteldegence.

 Consols elnsed at st to 43, hoth for Mnnoy and
Account: New and Hedured Three per Centa, 831
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## fitctropolis ant its Vitintu.

## Tee Wimbledon Merting and Keview-The

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 within ihe enclosure a grand display of firework and a dinner took plece ot night, in honour of the Belgian visitors. On saturany the meoting Whe brought to as conclusion witn tetitors by the Princess Christian sud with a grand review of the voluntecrs Christian, sud with a grand review of The weather and tho fying columa from Alderant breeze, and tho crowds were enormous, larker, it is said, tha on the occasion of the Sult,

## distribution

by the presence or thes was only relieved for
followed made up for all that was wantina. of Cambridge was aceompanied by the Prine Sule in the uniform of Colonel of the llifle fizade. by Prince Arthur, in the uniform of Ryal Artillery, and by Princes Chrisisn and Treck Among the stafl were Geucraismitan, and Husselt. The total number of trops cugaged was between 12,00 and 13,000, the flying column from Aldershot numbering 4000 , and the volunteers being rather more than twice as many; but this number wa reamen who in the separate corps, most of the reximents who in the early days of volunteeriar were the kreat enrps nf the force being scarcely represented al all. tho Wim iedon review having, it is sad. become unpopular amonk thero. A march past the Commander-in-Chier and Prince of Wales concluded the busidess of the day Dr. Liviscistosie-Mit. , who has lust arrived in hisestry Dr. lirnnustone, from whom he bas hal letters of date more recent than hat of his reported muruer. is his opinion that Dr. Livingatoue, having heard o the discovery of the northern portion of his roate in Nyanza by Sur 8. Baker, has direored his rouk in search of the southern boundary of that lake, and tha in the course of a fow months fur

Tho foliowing the text of the teleqram sent from St. Pierre on July 14 to the Emperor Napoleon -
"Sire. - Wic have the han nir tio firward to your Imperial
 Impenal Majesty on tion ontablish, and of teligraphic cemomy
 Duxbury, in shallow water, whil be laid in the next eish
ol 1 days, this completing diruet telegriphir c mmanic ation

The Emperor replied:-" Jo vous felicite de l'heureuse roussite de Fotre grando entroprise, ot je vous remercie WOMAS GUFEBAE-On Saturday afternoon the

Afer some furtizer aitercalion,

# first general meeting of the Tondon society which has been formeil to sevure the sulfage for women was held st the Arehitectural Gallery in Condult Street. The $\mid$ Bourd to teliere was a disposition ou the pantractors from theirt of the   and to carry on the works with the perblic monene ILe thought the Board ought to take some steps 


 Mr. James IIeywood, the Hon Anheron IIembery, and
 Professor Nowman, and Profossor Cliffe Icalie. Mrs.
p. A. Tithlor, on taking the elair, caid that there was
evers reason to be grattited with the prome
 A.sistance given by Mr J. J.
by the opronents of the
boonl was uot a suitablo
not thiti- that that was a sufficient reason why women herself itad taken one womer from the franchise. She the last Leicester election, and many ladies had to her knowledge voted at other places, and nothing objecsaid that women auted from impulse, but in this were determined to work till their said so that they Mive Bisk, the secretary, read a report, which stated that 229 petitions, containing in the nggregate 41,000 different branches of the society, and that another petition, to which were attached 11,000 names, is to be preseuted next week. The law expenses amounted to balance in hand of 1l. 3s.s. 3d. Mr. J. S. Mill strongly advocated the rights of women to the franchise, and moved a resolution that it was in the highest
degree unjust and impolitic to make sex the ground degree unjust and impolitic to make sex the ground The Rev. Charles Kingsley seconded the proposition. which was supported by Professor Fawcett, MI.P., and carried unanimousily. Mrs. Fawcett moved the serood resolution, to the effect that the Society plodged itself to use every law ful means to obtain the extension of the purpose should be introduced into Parlament as early as possible in the ensuing session. Lord Hougbton soconded the motion, which was supported by Mr. Dilke moved the next resolution, that the meeting Society had already made, which it regarded as the earnest of a success which could not be long delayed. Professor. Manion supnorted the motion, which was nareed to with the utmont unamimity. The Right Mrs. Tay lor for presidmge. Mrr. J. S. Mill seconded the acknowledged by Mrs Tast with enthusiasm, and brielly acknowledged by Mrs. Taylo
Commissioners for the Exhibition of Scibnce. - The meotng decided to hold a series of at their last national exhbutions of select ser of annual interindustrial art and scientific inventions at Kensington. industrigl exhibition is fixed for 1871, and as respects industrial works with consist of only three elasses yesterday, in the presence of an The Prince of Wales sipectators, unvelled the etatue of Mr. George Peabody, on the site at the back of the Royal Exchange, is the work of Mr Story, the American sculptor bronse Closing of The Thames Trencing sculptor.
night the Thames T'unnel was finally closed as Tuesdgy footway. Its total cost was about 6000,000 l., but the
East London Railway for a littion more than a third of recently purehased it pany will run their a trains through the tunnel, and \&c., within easy distance of Southwark Pari, Shadwell, SAILOBA' ORpinas Home, - On Park.
Arthar presided at the opening of the Sailors' Orphan made a few suitable reme at Hampstead. The Prince at the north-wast corner of the grounde, adjoining Church Row. The company, amourting to about 700 , The Mortality in the Bareing DisteictAt a recent meetiug of the Metropolitan Board of presented to the House of (lommons, to the return Markist wick, on the subject of the mortality in the barking district. He sald that, though the returm that the acrount of population, he found by statistics greater within a recent period in Sydenham much locangton West-both being considered very healthful That was a fact of great importance, and it shocred. that they should receive with very great care and in Barking by the works ont mortality hard been caused endearoured to cast on the lloard all the odium wid
respect to the increased fact was the contreactors for the works Binks; but the tume, giving them an to $\bar{j}$ for an extension of therr of Works seemed to know, nothing at all aboard ahould it be said that the cast upon the Board
move that the whole question be remitted to the
Committeo of Works fre their consuleration , Whe Chairman cald that the question wansueration. Che the refrin from discusange the subject at present. Me
need hardly remind the Board tiot the fueston-the real tate of the question-was scarcely before the
public at all. It was a matter upon whieh they al must feel strongly, and he was certain that when the
true position of the Boaril in the matter became known they would stand in a different light before the public son said in which they stood at present. Mr. Richard the Hotse of Cominons without perceiving that it
was, in many particulars, franied unon grave misund
 whole nuetrolowls. He gute agreed with the charman hat his question ought no objection to speak upon the return made to Parliament, en it could be shown that the action or proceedings of the Board had not been in any way agreed to

## TM

The Cask of Lobd Cabrington and Mr. Mrenville MURRay.-On Thursday Mr. Grenville borough Street, on the Glargo perjury in the evidence he gave when he charged Lord Carrington with assaulting him. After hearing several witnesses. Mr. Knox remanded the case, and required and for Mr. Murray's reappearance, himself in $500 l$., Conservative Club in 250 . each. At a moeting of tho a majority of 190 to 10 that Mr. Greaville Murray should cease to be a member of the Club. The trial of Lord Carrington for an assault on Mr. Murray took hearing evidence at great length, the jury returned verdict of guilty of a common assault, committed under circuinstances of the very strongest provocation. Lord Carrington was then called upon to enter into his own recognisances to come up for judgment when The Pub
Registrar-General patate.-The Weekly Return of the Registrar-General states that in the week that ended registerod in July 17,4221 births and 272 deaths were registered in London and in 13 other large towns of
the United Kingdom. The anpual rate of mortality Was 28 ner Kingdom. The anpual rate of mortality London, 34 in Edinburgh, 17 in Dublin, 17 in Bristol, 17 in Birminghand, $2 f$ in Liverponl, 26 in Manchester,
23 20 in Hull, 17 in Now castle-uponford, 21 in Leods, Glaszow. In Paris the annual rate of mortality in the The ending Saturday the 17 th inst., was 22 per 1000 . The rate in Berlin was 35 per 1000 during the week ending the 15 th inst. In London the births of 1030 boys and 1021 girls, in all 2051 children, were registered in 1859-68, the average number, corrected for increase of population, was 2106. The deaths registored in London during the week were 1313. It was the 28th week of the year, and the average number of deaths for that Week, corrected for increase of population, was
1116. The present return is therefore 103 below the estimated amount

## zerobincial.

Ald
William Brett, 2 d Battalion 7 th Royal Fusiliers was shot by Private William Dixod, of the same regiment whom he threatened to report for a refusal to perform some Wedniascamp duty required of him. At the inquest Murder against the prisoner, who was committed for rial at the assizes,
Cockeryoctir-A man named Abraham Starkie, a this ther for the lessee of the Derwent Fishery, nea body was found in the Derwent on Monday with had been caused by foul means.
Dancastra. - Tha Archbishop of York has offered the Rev. Dr. Vaughan to the Masterchip of the Temple, to the Req. A. W. Thorold, Prebendar the Thorold has and chaplain to the Archbishop. Mr. retain the ministry of Curzon Chapel, May fair to which he was presented a few months since by Earl 10\%e
Hell.- The Prince and Princess of Wales arrived from Mnnchester, and thorpe Пall, the seat of proceeded to Brantinghamremained the night. On Thursday they ontered Hull, demonstration of loyalty and weleome received with every a 2 carriages, the last I 1 being proces towns of the district The strects wors of the principal triumphal arches, un! fars were displayed in aned with rom the Trinity and the Janish inhabitant the cuamber of Commerce, and

of unsound mind when assertug

## and the bishop have now wade

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\begin{aligned}
& \text { agreeing to krant Mrs. Moretna, } \\
& \text { near Chester, she witidraw }
\end{aligned}
$$

## she lad issued to the temants.

Manchester.-The Priuce an I Mnown-1, mere, on Monday evening. I, eavin the 12 oclock mid-day express
North-Western Railway, the North Staflordshire line from
minutes at Congleton minutes at Congleton, where the.
tion presented an address. A : Ma
and Corporation and Corporation of that borought sented a bouquet to the Princes graciously accepted. The train reached H ls about five minutes to 6 , being
crowd of some thousands of

## greeted the Prince and Princess,

the stat of the train were detached with carr 3,8 है Iunction line to the ofd Manchester andel
 Earl of Ellesmere, the Won. Algerno
Colonel Bruce, and Mr. Edward were at the station, which was fowers and evergreens, and was
of people. The Ear of Ellesmere of people. The Earl of Elestmere,
Princess from the Royal carriage, and by their Royal IIghneeses amd sut Ind four, and an escort of Yeomant
Volunteers. The Prince and Princess cheered by the people at the tatio morning thair Royal Highnesses
culturid Show, going diroct from
Trafford without Traford without entering the city.
and Priace Consort in 1801 , they wel on the Bridgewator Canal,
Patricroft to Old Trafford a-halfmiles, preceded and followed bargo was towed by a pair of horses, ridsen bjperi and the towing-paths werox ept entire cims The bridgos over the canal and eiers vacant plot of ground commanding 8 The Royal people, and wags were Ming 12.15 p pi., whorge the Royal proceeded in four cerriages to the Exh by the sides of the carringes, cheeria Royal Miphaesses inspected
some portion of the cattle sho
 A gricultural Society, of whom about jui mefe Po On Wednesday morning the Prane and
 but a kreat deal was crowdel into in a carriage druwn by four horses, preceded and followed by an encort of carar the l'eel Park at Salford, and were presen addreas from the Masor and Corjoration enthusiastic character. The Prmee and Hroceoded through the streetsof Mane buts of that aty. Their Royal Hiphasses a 0 ack
Royal Agricultural Exhibion at l o remained for upwards

## Council of the Ropal A to a heneultural Socinty in sus

Council of the Royal Agricultural socine froch


## Sparting.

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 nearly 13 , thus siving them au average of noarly
a-half $T$ They hinve declinad the challenge ut the Londone Rowa.half
ing Club hat the raee with the $19 x$ ford Colversity
will

## gotuaxd

Prisce Alossampro amprea Gorzzua, Duke of Martua, Prince Castiglione, \&c., died on the Itth Inst., st Nurwood,

Bunce Bratrectit died on the Eth inst, in Chester 8 treet Gri ationor of cinturestum if the bratu. He wis for rathy



 Isles, died on the 12th ult He whe the chind Ranclife, and was baronet, by the daughter of the (rrother, Caveldidsh Stowart, as fith baronet in 1553 . He entered the army in 1 A37 as enstym in the inst Rugiment, with which reswands exchang in New swith Walns und Tasmania, ho servect in Bengal, the Mnturtius, and cape of Gupd llope. Iu 1Byt he exchangud


 Havelnek, and held the rank of eolone' inense to ancept and

 April, 1801 . alidest diughter of Mr E Hopewell, of The orrure brasox. Haviug no misle fasmbold. Str Henry Bovnton, Barto, died on the gd git, at his seat.

## Sam.

the Privy Counctl: The Biahop of of Natal.-Judgment in thif cave was

 $x=\frac{\pi}{2}=5$
 $\mathrm{Ez}=2 \mathrm{z}=5 \mathrm{ta}$




 the Coptinant" s vule., 1811 ; "Laoturen an Netivaz. 1 inis 4n, ter

##  vie tar on       Mru M 30,160 . <br> 30,600.

## fatarats.



 ENGLINII WOOI.
Yery inttle business dulig of late, buyere having fur) stocke thamseises pretty frealy, Curami Prices or Enohthe


## SukTR—Clutbmy

METROPOLITAN MEAT MAREET.- JUH $2 \%$.
Best Fresh Butter .. .. .. 15 s . per dowen ib.

METROPULITAN CATTIX MARKET
 demand hass, howover, conuiderably uverewerd, atid remer Prifold. The number of Sheop in mearly the same th lat


THF GARDENERS' CITRONTCIE AND AGRICUTTL'RAT GAZETTE.
 Countien.


 Retit Downa and Half brods.
 The supply of fresit Meastats, July 22.
eadily dipplysed of frest but trastate is tenery short, and they arc
 low for Slbeep. Lammbsare rather deaner. Trado is heary fout


 Best Downs and

 LEADENHALL POULTRY, ©C.
THugsDAY, July 22 ,
A falling trade, a heary stmosphere, and full nupply, which caube a general decreaso in price.

| Geese |  |  |  | s, d, s,d. |
| :---: | :---: | :---: | :---: | :---: |
| Goslings | 80 | Tame Rabbita |  |  |
| Turkeys |  | Wild Rabbita |  |  |
| Turkey pulitet |  | Wild Ducka |  |  |
|  |  | Pleasanta |  |  |
| Ducklin | $30-40$ | Hares |  |  |
| Surrey Fowls, couple | -11 | Dotterel |  |  |
| Do. chickens | $58-76$ | Quails |  |  |
| Bart-door Fowls | 50 | Englisherggep |  |  |
| everets |  |  |  |  | Freah Butter Is. od to to sm . da. per ib.

$$
\text { MARK LANE.-MONDAY, July } 19
$$

The supply of English Wheat to this tooruing's market was small, but a reduction of 1 s , to 2 s . per qr. being required by
millers, sales were restricted, holders not being inclined to Give way in price. There was a fair attendance, and foreign per qre binee this day se'nnight. Barley fa firm. Baans and is no altcration, other deacriptions 6d. per qr. cheaper. Flour is unaltered in valuc.

Price per impfrial Quartrr.

$$
\begin{align*}
& \begin{array}{c}
\text { Wheat, Essex, Kent, Suffolk. White } 51 \text { s. } 52 \text { Red. } \\
\text { - } \quad \text { - fine selected runs.. dv. 53-55 Red. }
\end{array}  \tag{40-50}\\
& \begin{array}{l}
\text { Tala } \\
\text { Norfolk } \\
\text { Fordign }
\end{array}
\end{align*}
$$

 Of'Ts, Fberex and Suffolk and ............ing 24-30 Malting

Rre

I3EASS, Mazigan $\qquad$

- Pigeon .... i3s to 4 is .. Winds. 42-4 Harrow Peas, White, Essex, and kent. Boilers 40-41 Suffotk
Maize Mapie 4le to 45 .
Flotr, bestmarks delivercd . .perasck 39-431 Foreign ditto 28-40 Country.
barrel 123-27, Per eack


## - F'oreign ..................per barrel 123

Excepting one or two cold nights we have had hot and forcing weather since the loth inst. Dnder the influenee of a the growing crops, we have hid progreas towarda maturity of throughout the kingdom, and prices bave given way from ls to 3s. per ar, buyers generally holding back in bopes of of the Jeading places hulders preferred looking on, athit woul not submit tu the offers made by millers. Barley was a a/valiced about 2s. per qr. Onts moved off slowly, and prices 18. to 2s. per sack. The arrivals of grain and geed, and of which, with those left Friday last consisted of 19 cargoes for sale last night 14 cargoes. Bualoess in Wheat amived of the coast has been inactive diring the past week, and th Maiza and Barley shotsed an imploving tendency, and werc firm throughont. In Rye no busineas trinspired. doing in Wheat; Maizo continued in there was but little advance: Barley unaltered, Rye firm in tone.
The arrivals of all descriptions of English grain are small attendance at this morniog good. There was a very smat and only a moderat at barsly Monday'n pricen, both for Englikh and forelent
Bpring Corn of all dmecriptous was firn, and Matio rather
dearer. Whgiah. .
Irisil....
Foreigh...
year, the agricusturat seed trade is now quite inactive. An
descriptions of red and white Clover sed are held with great
firmaems, and hinher salues are confidently anticitpated. the new crop of Trofoil seed, the acernaty anticipated. Of both from home and abrond are exceedingly bad, the stocks rood deal bottor then whe the new Now English Rape seed will, it is stated, be in short supply Mustard and all other kinds of seeds are whthout change in value. New Trifolium fs offering at moderate rates.
Jonn SHAw \& SoNs, 16, Water Lane.

| June 12 | Wbeat. | Barley. | Oats. |
| :---: | :---: | :---: | :---: |
|  | 46s 0d | 3761 d | 26s* 6 d |
| - $19 .$. | 462 | 322 | 278 |
| - $26 .$. | 461 | 327 | 240 |
| July 3.. | 479 | 358 | 268 |
| - 10. | 4811 | 308 | 270 |
| 17. | 502 | 320 | 200 |
| A verago | 4 | 33 | 27 |

WANTED, A HEAD GARDENER, aged between
 Kitchen and Flower Gnedener. Two Men under htm Wagas
2ls. \& \% Wol, oottage ard rates frec, Apply to J. H., Cruchaeld
Hovas, Mnidenhead, Berkg,
WANLED MMMELHMELY, as GAKDENER, respectable Man, to take the entire ehnrgo of a Flowet Garden, Conkervatory, Gretthouse, and Lawns. He must be of A matrled Mint, ant Member of the Church of England preferted.
$\overline{\text { ANTED IMMEDLATELY, }}$ a stout, intelligent Managenent of choice Exots Ferns and Rosen. Apply by letter,


- ANTED, an INDER GARDENER, who must know MEARES, Hedley Lodge, Barnet, Herks.
D ANTED an intelijprat and active Man, as PALMER Land Agonts te, Only to Massis. BLUNDELL, ATD

W ANTED, as JUNIOR CLERK, by a leading leulars nf ex perlence, salary requirad, \&e, io B. Aply, Gardeners

W ANTEl, an intelligent Young Man as ASSISTANT VANTED IMMEDLATELE in a Gentleman'

WANTED, in a Gentleman's Family in the Country


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TXPERIENCED GARDENERS (or as GARDENER


IL Wh. YAUL begs to announce that he has made Gencements With the NA Fill be enabled in future to
 qu to services requirred and wruea given shonid be forwarded with
application -PAUL's Nursentes, Waitham Cross, London N. To Cardeners and Ballifg (Head, Foremen, or Under) $\int$ for Will eond NAME, ADDRESS, nd COPIES OI TRESTIMONLAIS Any Lady or Gentleman requirng GARDENERS or BAILIFFS


## WYM. CUTBUSH AND SON hep to state that they

 Whose chareatalera times on their books MEN of sarious qualitications, pating application would save time by clearty stating the duties to -nighonto
## (TALDENER (HFAD), - Ige 25, marricd; understinds

 Early aild Lnte Forcing, Finwer and Kitchen Gardening, theCARLENEK (HEAD), -Age 36, marnied ; thorough Carly and Late Fintcing, also Mavargement or Mowns, Cucumbers, Fruit Gardens. Kight yeara, good character-A. F., J, Stnadish,



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ARDENER (HEAD)-Age 35, married; thoroughly
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Gardener Satisfatory reaman in want oi athoroughly practical

(IADENER (HPAD, OT gnod SiNoLF-llANDFI), -
 (latu of Weat Hal. Higbsate), wi, he hapoy to recomen Rhad, N W.

##   <br>  <br>  <br> |  |
| :---: |
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|  |  |
|  |  | <br> $\mathrm{G}^{\text {ARIDENERR }}$ Hher Tio or mote <br>  <br> $\mathrm{G}^{\mathrm{A}}$ <br>  <br>  <br>  <br> $\mathrm{H}_{\mathrm{B}, \mathrm{a}}^{\mathrm{AR}}$ <br> $\mathrm{F}^{\text {OREMAN, in a Nobleman' or Gentlem }}$ thbs, Orinhtham, Hionodomatro. <br> F <br> Well up it io Forinis <br>  <br> F <br> aerri' erceillong and Recigato.

B madom FAnter
IA AND AGENT or SULitherion


CHOPMAN,
To the Seeaf Trade $\mathrm{SH}_{\mathrm{n}}$ (SEcovn,
$\mathrm{S}^{0}$ 
$\mathrm{W}^{\text {b }}$
He off. or turc prey. vio pro
CORNS and BUNIUNS -
Dow protecored by Her Melver by
Free for
tho Lon
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## Thr Gatomerg' Chromicle 

§ $1 T$ TRDAY, JCLY 31, 1869.
CHSSTOR'8 PATENT GLASS BLILDINGS f


 R AN-MITER PHPES EAVES, GUTTERS UREE
 OTATER P! FE~- Dor yard sat out on recelpt of favoice. Prices equaliy low for ons





 a. Banside, Eouthmark. Lomdon, S.E Ton Net we tent on Appluation.

Beard's PREEMHOCaEs CRzapra Thay woou


















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pans, of the ontlay therean repan to Landewnere who profer -xecutug the Wort by therr pro Aloots
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I EGAL and GENRRAL LIFE ASSURANCP

## The Rlyht Hon. the Lorustel Cince




 Anvull Inenme

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## 3 ${ }^{2}$ ontc

The Coubt at Osborne-On Fridgy afternoon the Queen drove out with Princess Beatrice. On Saturday ler Msjesty walked in the morning in the grounds rith Princess Louisa, and drove out in the awernoo with Princess Christian. Earl Granvile arrived on al Fisit. On Sunday morninp the Queen and Royal amily attended Dime Canon frotberoe eimar visited the Queen and remsined Duke of Saxe-W eimar visited the Queen and romained to lunoheon. In the afternoon her Majesty drove out with Princess Christian and Princess Beatrice. Wart Granville left Osborne. On Tuesday morning the Queen walked in the grounds with Princess Louisa, and drove out in the affernoon with Princess Christian and Princess Loutisa, In the evening Prince and Princess Philip of Wurtemburg diaed with her Hajesty: On Wednesday morning the Queen walked and drove in the grounds with Princess Beatrice, and in the afternoon arove out with Priacess Beatrice and Prince Lebpold. Prince Christian visited the Grand Duke of Saxe-Weimar at Sandown. Pincess Louisa laid the foundation-stone of the National Cottage rosmorning Princumd Princess Cluristian left Osborne on a visit to Colonel Losd Lindzay at Lockinge.
Thir Princl AND PriNifus ot Waifs-On Friday Maneion House, and afterwards unvented the statue erected near the Royal Exchange in honour of Mr. Pepbody. The Princess drove nut. In the evening their Royal Hizhnesses dined with the Marquis and harchioness of Bath in Berkeley Square. On the Council of the Duchy of Cormall. In the aiteraon the Prince and Princess were present at the féte Sund Dramate Come at the of the Cambridge, the Prince and Princess visited her Royal Highness in the morning, and in the evening dined with the Duke of Cambridge at Gloutester House. On Monday the Pruncess drove out. In the evenng the Prince and Princess, accompanied by Prince Arthur, went to the New Queens Theatre. On
Tuesday evening the Prince and Princess, with Prince Albert Victor, Prince George, Prince: Iouisa, and Princess Victoria, left Mariboroukh Wurtemberg, where the Princess has been recommended to take the waters for an nuth or six reeks. Their Royal Fighnesses travelled to Duver by the matl frain, from Charing Grose, crossed the Channel ta the night to Calais, and.proceeded thence to brussels, where at the railway station oy the King, whoconducted them of Le palace. At to visit the Royat family of Belgium. In the afternoon the Pnnce and Princess, accompanied by the King, paid a visit, which lasted two hours, to the Exposition of the Fine Arts. In the evening a State Thursday their Royal Highnesses leff Brussela for Germany, the King accompanying them to the rallway
Prince Hassay, thir 1 son of the Viceroy of Egypt who las been living at Inondnn for his education, has
arrived at Aleyandrin Pron England, having been arrived at Aleyandrin Prom Englain
suddenly ordered home by his father.
The Cabinet.--A Cabinet Council was held on Saturday in Downing street.
Parliamentary Morements.-There is a vacancy at Sallsbury, caused by the rotirement of 3 r. Hamilton. the Minsterial interest, The Ministerial Whitabait Dinner is appointed to be held af Greaifwich' on the 5th of Allgust
Illness of terb Perairer- Mr. Gladstone was suffering from severe indisposition when he delivered and has since had a smart atteck of diarrhoes which has prevented him from attending Parliament this veek. He has been stayind at Liord R. Cavendish's fir way towards recovery, and is evjected to return

Lemter of Thr Queex To Ma PEM

 left England, and sher lin concerried to
in batl health She now writest him al
that
she nay than have to thats oppountry.
beerr deprived. of seeiug and ofin mil
The note was transmitted by Mr. Arthos of the Privy Council, who add that
oreport himseli on
to report limseli on
fiered the Deadery of Dusar.master of liugby School, who has
into operation, and that he ough
K Nicutitution oyer which be presides
KNIGHTHOOD.-The Queen bas
of Kugghthood on Peter Coats, Esq, of Ps James Cockle, EsI,

ORDET Of TIE B
Anthony Panizzi Esq TH.-The Queen her men Anthony Panizzi, Esq ${ }^{\text {So }}$, late Practpal Seoretary to the British Museutur, and Live
The MbTropolitan-ELECT or Mosm Thursday a meeting of the Society well of the Rev. Ashton Oxenden bishop of Montreal and Metro the place of the late Bishop Fulford. The waken by the Arcibisinop of Canterbur sulpe
 Ryan, Rov, Canon Greqory, Canon Hater Grezett, de. The special oflice of prayen lar: read froin the form in use
together to give expression to the C'b
and hoarty good Wishes which they ail
friend about to depart for his arduous sp
abroad. Ho regarded the even
the colonial Church, for the Choreh
the unversal Cburch. The office had bee unsought by Mr. Oxenden, but be had expre God a reat diftrulty had ber
call to the position, and he had then lail sonal considerations, and agred to beyond the limits of the diocess writings were known and spoken; in fact, nothing appontment. It was the e tawed, wholly or in part, altogether, 90 in the colon Canada. Iis Grace
 of Loridon, Gloucestor and Bnistol, and C expressed simular sen mens, The consecrat new bishop will take piace in Westmunske 1 to-morrow morning.
Tralal of $\triangle N$ Election Petition-Ths
 vacuacy, it will be reinembered,
 Segnour, QC. The former was eleckid on renult of organised violence, the "Ismbs at Seely's pay preventing Mr. hearing endenaz \&
going to the poll. Atter goons to the poll. Aiter hearing enco
leagit the inquiry was adjourned, and is lit for some dass.
 const Commissioners appointer tolartian in and the present system of pu otfences, has theod publteration





powers be


## fForsigh.

fure-The Coincil of Ministers gnd the Privy asme das the first telegram through the erame Cable to President Grant. The were the terms of the message :-


rivisu
rrived at Toulon on Priday mornas of llopts arrived at touion on Priday mornJlaroussa. The official journals contradiot that the Government had determined to the Legisiative Body; tatat the Prince de la respecting the Ecumenical Council to ar ent note respectior at Rome that the troops in ari reocived orders to hold themselver in rédi4 arrived in Parrs and that M. Benedetti y yised in Paris, and that M. Benedettio was of France at St. Petersburg. All these steto14 are deciared to be wholly wishout foundation.
semu-olicialiy announced that after the inspection
thwps is at an end the half-rearly furloughe -. ne Rranted, es is usuany done each year, to about seo be furloughed on the litt of October, in anticiano the regular time. According to the Fiyaro
4. Santus Oowsultwm will oontain the following Whatus Consultum will oontain the following irng any official origin:-
Graditun of the law which ramkes it fnoompathle for a



## State tu propose dis wect tow Burea ctulation of the <br> onter; th

 difect interpureaur, and
to be eleeted by the Legislative Body Gon Girat of the Arnyy, and Virector-Admiral of the ant uf the Court of Appeal, Rrocurator-Geperal or tivn, to bo compafibly with the miter be aule to hold any offre paid by the witate in wit he elected by tue Congerils Groperosal that the bet 4 ut m increaser
Conitour of Monday evening geys that Don Coplos asered in oludity the Flglance of the Frenoh ishes, and has entered Spain near Arema. A suit the Civil Tribunal of the just been brought ien Scuoll, wife of the journalist of that name. Mcers in the firm of Barclay, Perkins \& Co., the ncwn London brewers. Her demand is hased Wher are of such a nature that the Paris Jaw
Wars refram from publishing them. The court mod that 38, up to phe present timo, no shifioient ros bad been given to wrarrant the geparation, ame scholl should he sdmitted to farnish proofs alegations, and appointed $\%$ judge to hear the Clisdad Renrasement oceurred on Saturday night, iss, under Brigadier-General Sabaruge, and the
under Commanulant Formaseti defeated and dispersed, with considerable in killed and wispersed, with considerable has been discovered and defeated by Colonel Hiber, a marqurincipal Carlist masent was killed, $T_{\text {soner }}$ in artsllery captain, only 15 days on retired xisrament retired aray official, a priest, and a to bas appeared at Tarasson, and boegn defoated by rorerni in Gupuscoa, ope of the Basque provinces. fi troquits took place at Lerida on Wedaesdas, Hat band in the province of Lard, The rest of the which were *mon The and are believed to be returang to their 4. Ioro Carlusanish Consul at Perpiguan telegraphs

Po -_-


 by her physidian, sedvioen rideaninitely prolous her th. ictor Emmanuol If the Dapish Mhevan Cramils, acoompanived by their


 King was celebrated in Stemen was afternuon. Thear the Cisstle of Hege whero they will remsin gome time. An immense number of persons were presents at the Iestivitiee, which were celebrated smid great rajoioings A grand fote wa to be hold yesterdey ot the Cantbo of Drottningholm.
 Denmarls, in Northert, Schlewnig, hyse beon to the is an epormoun silver cupp, on a column 2 feet hish. The pedestal is surrounded with the aphers of the bride and bridestoom sud the wom of the prinoipul towns of weight of the vere is 14 lb .
Holland.-Rumqurs have been, curreat the the Hague thati - Beval Dutch offioers and aiflore had bean masseorad by netives on the coust of New Guinem Intelligerce has been received which proves these reports to be incorreak. It appears that ope oftioer ha beon drowned by accident, and that another oflicer with some sailors is in ssfety. The natives, however, have power. Three sailors have already retrarned on bourd a Dutch steamer off the const.
8wirzerlasid. - In the gitting of the National Council on Baturday the Government was interrosatod respecting the course it had pursued in forbiading Itslian frontior. The Gorerameas justified its conduct by the revolutionary doctrines professed by Iaw. The Council of States his postponed the con sideration of the conogession for the Bt. Gothard Splugen R ailway until the meeting of the Fedaral Aseombly, Which is to be oonvoked for aspeciel session in September or October.
Austalia- Ia the sitting of the Toreiga Budget Count Beust ppoke on the foreikn relations of the Empire, and specially stated that the best posibie Ausiria had relinquished her ltalian territuries the intereste and intentions of both countriea had become identical. In reforence to Eastern politics, Coun Beust stated that be did not strictly insist on his prothe option of Turkey to folloo tis counsels as regarded concessiona to the Christian inhabitants He would exercise no pressure in this respect. Speaking of exercise no pressure in this restared that he had heuluestly striven to establiditmore cordsal relations with that Povyer, but had hitherto been unsuecessful, as he had not been met by Prussia in a stmilar syirit. The speoch was received with satisfaction by tho Committee, and the estimates of the Forel
Galicit.--In consequence of au anonymous ietter a Judictal commission, assisted of the clergy, forced an entrance on the 21st inst. into the Carmelite Convent in Gracoow, where liey fous a par who Sh been locked up in a dark hed utterly neplected, was quite naked. and haif mad, Bishon Galecki, who was present as Papal delegate overwhelmed the abboss and the nuns with the most velement reproaches, asking thenk whether they wert women or furies, and thanked aus inguiry for bis timely and eurgetic interference. the inquiry for his timely and euergetic internded by the bishop. This zutelligence created the mreatest the bishop. Throughout the city. The door and window of the sonvent were broicen open, and a atrong body of military had to be called out to disperse the rioters. On Saturday eveniag the disturbances were renewed. The people asam emdeavoured to break into the conveat, put were driven baek, and thereupou Jesuite the rector of vhom was ipsalted. Forty-one ripters yere arrested.
Russia. - Prince Charles of Roumanis is expected
at Livadie, in the Crimes, on the 14th of sugust. Large numbers of influential Jews of St. Petersburg have addressed petitions to the Muister of the Interior and to the Minister of Public Instruction, praying for an extension of religious and educstanal rights.
Pmpsich-For bome time past an organised gang of English pickpookets have peen comanitiog depredations at Ems, Homburg and Frankfort-on-theMaine, and other Gorman towns. One of them, a man named Henry Keen, attempted to rob Fazil Pasha, the brother to the Vioeroy of Egypt, of 25001 . While be was at Homburg, but was immediately appreaended, gard sontenced the police at Frankfort-on-the-Maune, under the direction of Dr. Rumplf, have been tuost energetuc in their efforts to catch the members of the gank, sud have sucoeoded in taking 16 of thern. have givarnier, Leroy, Roberte, Middleton, ta, but the most important capture is that of a man naraed

##  



 the mounkin
Papal Statea-Count Masta-Ferreth, ihe I'ope's clder brother, died kuddenly liat weok at siacraplia
near Ancons, whero Pius IX, who wes warmly atholised - hum, visited him zome year age. On fooenving the ateltigeace of Lis duatis the pupe performed the
 an
Creper-Y. Claridtides, the Minipernt andideta


## iceroy Bum lirit ir of the

 tinction by tho Eultan and hit Mrntisteret ...l bas been apponted s momber of the Council of Niturest Touloa on Wodpeday. The forciga coanule meme Hement at bis recention, and promnted an eddrem to f night. It is rumpoumed lisan the Tiseroy ill gaty tay in segyt for sow daya, and than procosd to Con tantinople. M. Lemeps, duriog tha prourens of the o the Deas at sucz, despatched a number of onginame
 epa now suggente the possibility of letting the wsters of the Bod siea into the intarior of Afrima by meane of ranal, and thus conrerting thic almost unexplomend dewort into a large inluad lake, which would afforl leany acess to the fortie counirnes gurroundig it the Cupe
 on the northern border of the colony. The Korman: bushmen, excellent markamen Fithe frearme, were boofveg them and the police In the first the Korana oes 80 killed sad mareral prisoners; but in the seoond the polioe retreated before orerwhelming aumbers, sud the police would be able to ohative the Korannes. An Chartgr, by introduoing in a modified form the prinNale of rasponsible goverameat, hal comamaced az Counoil. The pmepects of gold digging wera gatd to be mproving. A Natsl minung rumpany had lithed out 10 Australian digcers to Work. The atrivatof tue ormed under the su-pues of the Prusalan fovera-
 Potuhelatroum, sind althouzh vars mar at ane limen to would not parmit btm to go thare Dinmon is were beng constantly resesver at fihe frontier townt of the colony from the up-coudtry distrieta, atul lal wewome staple of auction sales The Tran-val fovermment olaimed to have sercured, thruugh Mr M'Ciormlwale, a snoper The Boer Command os asainst tho natree continued. The prisoners thas made were distributed among the frrmers, nod renianed enslased. The Orange Free state had deciared it bian or, federation with Cape Colony. Tue colonial Parladient was to meet on the $23 d$ of $\begin{aligned} & \text { June. }\end{aligned}$
India. It 15 believed that Mr. Maine will leare India un October for Europe. The supremp Goverament is beleved to have reanved io that genction whll Chortis be given to the construction of a ratray from Calculta to Darjeeling A gentleman bas arrived in India, deputed by the toternment of $s$ rith Aintralis
 to make arrangementa importat on of All-tral.ath urram for rempunts, frc. The throush irant rma hay ish ult to Bomabsy met with an acrine by which 11 native between Alameuabari sad and seven wounded. The passengers Fere killed is aaid to piave boon cauned by che engine coming in cortent rith a bufflo. Reporti from Nusthe troons there
Japax.-The recapture of Hako ladi by the Mik ado's dapar.- Lie recaptare of is confinmed. The fineos of the oomatry are very dsorsalived, aud paper mones is buing force 1 on the propie udiar fatu al teah. and foreign, is parmy Fokohsma, Bevoral kuroneans been totally lot

Ľvitap Statrg. - Prasident Grant and Mr. Winh have nope to Washington from Longbranch to attend are orkanizing opposition to Mr. Debt, Who 38 One huadred and forty of Colonel hyan's men have been dimoharged under parole not to violto the neutrality lswa The Preas generaty throughout the country cxpresa great satisgation at the
succens of the Frouch Atantic Oable, and ytrongh William A Daris, the head of the barza. Ampartm

 and all the mars but one were burnt. Six persoons wer Cavada- - Mr. Rose, the Canadian Finance Minister,


West Inples, - The yollow fover is demreasiog : in Guntalnupe and Martiniquew, butes the opilil ocourril
 have deatroyed much property about Trinidad
Recently B large insurgeot force attacked Puerto Princine, but were repulsed with a heary loos. The The newripapers there insiet on it. The Cathout Cabo volunteers who were ordered to guard the Ureritas Railfoed have matinied, refusing to fuard the Genoral Inetonam, rofnoed to accoode to the appoliscation, and ordereof the colonel to be artested. The thay fiberted the colonal and impremoned General Chot him. Megillones guanno hede had beeon reacinderk by the
Chilian Grvernment. A new proposition by Senor Gaman was likelyment. to Ao ne new proposition by Neno
 ment, the telegrams to be transmitted free; and the line The publio works and building deastroyed by earth. quakes at Arios and Iquique, were being actively
rebuilt.

## Đarliament.

Is the House of Lorda on Pridas, the Duke of Ararlis made bis nunual statement on the Indian rovenue. He showed that in the ten years sinoe the milliour sterling, ahout half of which was due to increned on new taxation, and the remainder to the thin 1 nol retomp. and the Customs, the increase of prof Th.. buriton on the taxpayer. LJord HALIFA, the DFV, and Farl Fobriscice expressed a genempl approval of the Goveroment polioy in revpert to public morks,
ant espenially railways, but agreed that there was hitle Thm Assessed Raties Bill and the lion of expenditure. Thin Assessed 1Rites Bill and the lindowed Ilospitals On Monday the Ronal hasent was xiven by Commiseson DE LITLIE and the Eirl of WINCHILSEA asked for
information recpecting tirce pietures hought for the Nat onnal Gallery, on the supposition that they were Whiph were now believed to be spurious. Lord OTBR-
sTONE, as a trustee of the National Gallery, said that the supposed spurious pictures had been purchased on the judgment of the direator, with the noquiescente of the trustees, who were therefore jointily responsible, farour of the genuineness of the three pictures. These explanations were recceived as satisfactory by the
 HaRDINCE, who expreased a highopinion of the general
manament of the National (iallery by the director and trustees. The Marquis of CzalricaRDF called
attention to the ineffloiency of thepolioesand impainerial arrebrements for the provention of crime maristerial of criminals, in Ireland, and contended that the munimation with the local readen more in motnDrerraris, in reply, reprettod that he could do no that the Government would neqlect nn messure to irita the perpetrators of the rmepnt rrimes
 Hil pasiad thrond (he Imprisumment form Dinht Bill. and Bul, the Medical Superamauation (Iraland)
Bether measures


 ulinh Ints as thate ultimately be noquiasced in II rarnmusended that a Commasioner
 Jarnaca, and the Ionian Iglands, should be canada,

New Zealand, Ear! Granvilue acoepted the criti-
atms of the noble ear! as caleulated to strengthen The pohry of the finvornment, and jowlated on maknik the enlony feel that it must adopt for 1tself a
lecided course, whother that course were war, or, what le sliould advige, a 4 stam of wite couciliation of the udj znent advantage should be taken of the "King
movement" to assug a certain distrist to the native ine, accompanied bi legal powers to frame laws for
l.4 s.urmamt of his people. He belsered that the colonists were powerless to auppress the bands of a clear claim on the ruother country for maintaining neace and the supremacy of the Crown. hur LabFibly deprecated any devistion from the non-
interventon policy, and said that so long as the colonv
rould rely on subventions of money and troops from could rely on subventions of money and troops from
England it would never put forth its full strength for its own defence. On Thursday, Farl De Grer moved he second reading of the Contacious Inseaves
Inimali Biil Ie explained that to consolidated and Sif He explained that it consolidated and a. foreing cattle from supperter gountries would be
ent, and removed the restrection on the removal of home-bred animals beyond the metropolitan limits The Bishop of Gloocestre suggested sn extension of the olauses respecting the trestment of ROMNHP conourred, and, after some remarks from Lords Colonsay and EaERTON of Tatton, the lijl was read a second time. The Bankruptoy Bill was Lord Rovilime who passed, after nome remarks by of future earaings, in asses where the dividend did not amount to 108 . in the poond, would The Bishop of Gioucrster, on behalf of the 4 dices. of the of Cinterbury, moved the semend reading Catholice Bill, the object of which was to repeal an old Catholics Bill, the object of which was to repeal an old enatment imiting incumbents lresented by Univerf forfeiture of their proferments, and to allow them, like other clergymen, three months' holday. Lord CAMOrs, as a Roman Catholic patron, urged the propriety of abolishing sltozether an invidinus disiqualitiof allowing foman Catiolics to present to bencifires : hut the Bishop of Giotcestra, in the absence of the Primbte, refranem frot civine any opinion on this barl of Shaf trabcre withlrew his Ecolesiastical Courts Bill, wod a large number of measures were the second reading of the Married Women's Property Bill. The Duko of NORTHUMBERLAND moved that ho Bill be read a gecond time this day three months. he Bill, expressed s hope that himself a supporter of the Bil, expressed s hop
denied that the 13.11 revolutionised the marriage lapo In the Commens on Fe
ments in tommons on Friday, after the Lords amendMr. NEwDRGATE railed attention to the recent arrest

Murphy, the No Popery lecturer, and moved resolution condemning the adtion of the Home Secretary in reviving an obsolete statute for the purpose of forbidding, under penalties, the ripht of ree speech, and the holding of meetings of a controcalculated to lead to a breach of the peace. Mr. Brives in reply, said that ho had acted in accordance with th advice of the law officers of the Crown, in forbidding the opening of rooms for Murphy to lecture in, forerunner long dizcussion, in which Mr. Dixon, Mr. MuNTr Lord C. Eamelionord Sandon, Mr. Downing T. Chambers, Mr. T. E. Smite, Mr. Holt, and Mr. HENLRY took part the motion was negatived respecting the reoent ohaninty asked for information pontrang the recent changes in the system of making oontrate for the navy. Mr. BAxTER, in reply, satd departmeat saving had a ready been effected in various purehmeats hy the new system of contracts and purchase. With regard to contracts, he had discovered Housensive system of tipping both at Somerse fouse and in the dookyards, and his short officia experience had convinced him that, without putting might be made in or sailor, immense reductions Sir J. Har ant Sir J. Elphivstone susthe new sistnal unitl it had been tried. Mr remmmended the inflision of and Mt Mreviella buainess man into the management of these departments. Mr. Lidpbll congritulated the Government defend economical suooess, and Mr. Childzrs, in had given Enalsad astration of the Navy, said that it aessed since the French War. Mr. MUNDBLLa said that Mre Army purchase system was devised for corrupvirtual? the model fire the changes being that it was Atmiralty. Mr. HeNley concluded the debate by the Government as nupopular as any and speedily make Several Bills were forwarded a stage. On Mouday the bouse was surcomoned to the T ppar Inose to benr the Spramerens official announcement oreh Bill, and the Mr Berce lously cheered by the Ministerial benches Mr. BBCCE appealed to members who had prelininary.

Thureday might prese them, b



## complants whint had hans mad

## mover for a Selert Corm

mosaics in the central hall of
Fas madi with Dr Nalriaki
the contraet had been made beto
or, and without the anaot Layard's connection with the appearing in the orignal lins as having transferred his there to the eredit of the II nuase and these rumours should be reari reply, said that th Venetran enmpany
speculation, hut representad
through his active exertrons
to prevent the ghass and mans
clowed. Ine two pawsins of
Art, and he lad getend from a
Filapord to our cintiste After
W. IICNT and Lar 1 Eife il 1 , wher which had been current withdrawn. The liouve then wan Supply, and agreed to the Ira Telegraphs [3il], Mr
terms of the agrpements with lise provident. Mr. K Tharebsa mone for the purnose of exammon ne evidmnce as to the calcalutnsann min the Postmaster-General wore lize sion the amendment was re
to 23 , and the Ifsuse went in
of Hartington moved to str the words anserted by Mr Mu
mittee, limiting the monop) motion was supported by Mr I,
Mr. Bot VERIF, Mr. WMTER. of the lull it divion hy lo3 to ments. Un Tuesiday at went into Committer on


Manicipal Franchise Bill were bo. At the evening sitting, the I

ann the legislative union



## Citg Intelitgence．



## Atropolts antd tts Vricimity．


 Fin tin alvise of eminent surgmons． 19 quak this year the hometar it whaten wolled have beon miti－ H．in it however，that his hea of

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ohanges it was argued by Mr. Austen that "we hav a band of coal measures compride, with und may some Thy be reached along the line of the valley of the as cortain overfying and limitel busins, may nonner alang and benfath some of the Mngitadinal foldse of the startled the ranntific world with hepropasitions, the
boring was made at Iarwhen, and Mr Prestisim, who had proviousls been cunfilent that the lower greensand Was rontinuous under Lombn, cardidly acknowledged
that he was at lenght constrained to adopt in ereat
part "Mr. Auten's hyothesis, and to acknowledge part" Mr. Au-ten's hapothesis, and to a aknowledge at all events, of the London tertiary area a fract or sidge of the older rock momediately underlying the
chalk and gault on different portions of wbich the three wells of Calais, London, and Harwich have tonched; the obe on the carboniferous series, the Flate rock" The idea of a connection between the entertained by the late Sir H. T. De do beche, in one of whose essays mar he lound the germ of Mr. Austen's appeared as a witness before the Royal Commission on this question ocourred during the construction of the London, Chatham, and Dover Railway. While a tunnel was being excavated a few miles distant from Dover the workmen came upon a great mass of some black substance, which crossed the line of ine tunnel in the very midst of the chalk. The ongiveers were obliged to cover up the exposed strata speedily, and the discovery could not be made the subject of delite-
rate investigation : but a specimen of the substance is preserved in the British Musenm.
A first-class ship, fisted up in yachern Latitudes.A first-class ship, fitted up in yacht style. is to leave England about the 1sth May. To avoid the winter the ship will oruise in the finest, latitudes of the North and South Atlantic (from $30^{\prime} \mathrm{N}$. to $30^{\prime}$ S.), including visits to Oporto, Cadiz, Gibraltar, Madeira, Toneriffe,
Cape de Verde Islands, Bahia, Rio, St. Helena, The highest medioal authorities recommend the cruise as the best opportunity ever offered for recruitin health, and no expenses wil be spared to make it thorough pleasure trip. The party will be quite select, and the unmber limited.
Deates by Porson.-In the five years 1863-0. the number of persons who met with violent death by the description of poison is recorded thus:- B arsenio, 83 ; mercury, 58 ; орium, 114 ; morphia, 33 prussio acid aud cyanide of potassium, 151 ; essent 41 oil of almonds, 31 ; oxalic acid, ef; sulphurio aoid, 53 ; of mitic acid, 1 lf ; muriatic acid. medicine, jz ; Gioldres's cordal, 56 improper fond 8 ; hartshorm, 3; ohlorodyne, 4 ; vermin killer, $2 a$ turpentine, a; phospoorus, 15 ; sulphate of copper, 3 colchicum, 3 ; disinfectıg fluid, 3; nitrate of potash, fungi, 6; mussels, 8.
HyDrophobiA. - Many fatal eases of hydrophobia, With all the friphtful agony which sccompanies the several parts of the West Ridıng. At Halifax several men who had been bition by dogs months before have died from hydrophobia, and a case has occurred at Windhill, near liradford
The Public Health.-The Weekly Return of the Registrar-Genera states that in the week that ended on Saturday, July 24, 4337 births and 3239 deaths were the Trited Kingdom. The annual rate of mortality Was 26 per 1000 persons living, being 26 per 1000 in 14 in Birminghan 17 in , 28 in Salford, $2 ;$ in Sheflield, 21 in Bradford, 25 in Leed 21 in Hull, 20 in Newcastle-upon-Tyne, and $\$ 5$ in Sasturday the 24th lost, was 23 per the weok ending duripg the seven days eading the lfth inst, 37 per 1000 and in Vienpa during the week ending the 17 th inst, 31 per 1000. In Loudon the births of 1076 boys and
1043 girls, in all 2119 children, were rexistered in
the week. In the corresponding weols of 10 yents 1850-68, the average number, corrected for inoreasse
of popalation, Was 2030 . The deaths registered in week of the year the week were 1600 . It was the 29 th that week, corrccted for increase of population, was 151\%. The present return is therefore 86 above the estimated amount.

## Brohimeial.

Birmingham. - The damages in the action by Mr Murphy, against the Mayor of Birmingham, are laid supported by several prominent members of is Protestant party in the House of Commons, and that instead of will be made to have the case tried in London, imptead of Warwick. On Wednesday evening Murply delivered an address on "Popery and Protestantism of his speech he said that if the Protestants of lizir mingham had any pluck they would rout every Irish and send them back treet, and out of Brmingham they did was bo redice their own land, for here all craving subsoriptions for his defence concluded by oome in xery slowly.

3ristol.-An absconding bankrupt Mr. W. J. Lamb, pritnerin the firm of Morrss and Lamb, wholefortuizht siocre at Rotterdam. Mr. Lamb had Ianded was at once taken in custods. Frous Fhu-lung he was

 effectual. In the roeantime some dinguised policemen
arrived from England, eagaged quarters in the same hotch, aud succeedel in naking his acquaintance one morming 1 r. Lind and his now frisends walked snot where the Finglish steamer Waterloo was lying ready to start for London. Mr. Lamb was invited by
his friends to visit the steamer. At first he declined. but was eventually got on board. The British standard was at once boisted, and the vessel started. The Dutch papers protest against the arrest, and demand that the
Governonent of the Netherlands shall ask satisfaction or such a violation of its territory. or Women, lately held by the University of Cambridge are as follows:- In Group A, ineluding Relinious Knwledge, Arithmetic, English Bistory, Literature, and Comppsition, ten ladies were placed in the first class, eight in the second, seven in the third. In Group in the second, ten in the third. Several ladies obtained special marks of distinction in Religious Knowledge Arithmetic, English, French, and German. One passed n Mathematics, three in Political Economy, two in drawing, and one in Musio. Thirty-six ladies entered
their names. Of thes. eleven were either absent from the examination or failed to satisfy the examiners.
Hertrord.-A strange case of obtaining money under false protences has been before the maristrates in this towa. One evening last week two strangers were
found prowling about the passages and corridors of found prowling about the passages and corridors of
Matfield House, and as they did not satisfy the inquiries of the servants, the police were sent for, and they were taken into custody. One of them, who was dressed like a gamekeeper, and who gave the name of Gearge Burton, had endeavoured to obtain a gardenmonger, under the metence that he was one of the Marquis of Salisbury's mamekeepers, and had been sent for the articles by his lordship's stemard. The James Moore, said that he was a Londoa cabdriver, and had been induced by Burton to drive him down from London. When they were tskea before the Hertford magistrates, the charge of
being in Hatfield House for a felonious purpose withdrawn, and Mouse who proved to purpose was cabman, of respectable character, was discharged from custorly. Burton was then charged with endeavourina Mearss. N- impardrom-rongers, of Hertford, on false pre-
tences. He was alsn charged with obtrinigy is of an oflicial on the Great Jorthern Railway at Barnet on the shme evening, while be was on his way to Hatfield, gamekeepers, and had had his pocket picked of $15 l$ The prisoner, who had nothing to say in his defence Was committed for trial on both charges.
Holl.-The Wesleyan Conference, which is now in session at Hull, elected on Thursday the President and Socretary of that bory for the ensuing year. The votes 16, Dr, James 22. Thoms. Vasay, 42; John Farrar 87, Frederick J. Jobson. D D., 120. For the Secretary the votes were:-Luke Wiseman, 14 ; Dr. James, 39 John Farrar, 208. The President then declared Dr Jobson to be the President, and John Farrar the Secretary of the Conference for the year ensuing. Information has been received in this town of a fata collision in the Baltic between two Hull steamers tove Nobe and the Clio. The formerly that bows crew of 26 only siz wera saved. IsLe of MAly weire baved
lace in Douglas. An amestic trasgedy has just taken price in Douglas, named Stuart, resided with his wife and one child, aged five years. The family were wretchedly poor, and were obliged to sell their furniture pieoe by plece, even to the ohild's bed. The wife, who is said knifo, and out the child's throat from esr to enr almos severing the head from the body. She then rushed from her hoase to the beeoh and cut her own throat.
She lies in the hospital, in an almost hopeless con dition.
Lincoln.-A farmer's son, ramed John Wigglesworth, has been committed for trial on a charese of shooting, with intent to murder, his mother-in-law, at Girton hiadsey, on the 1 th mst. The affair seems to have arisen out of family differences. The prosecutrix received five wounds, but none of them are considered angerous.
LIVEBPOOL-During the past week the new church of a serargaret, Princes Park Road, has been the scene on the 20th inst, and for eight days there have been with ens on the highest Ritualistic model twice a day men. There by the most eminent Ritualist clergylarge nrowds assembled aurberous congregations, and On Friday night the preacher was the Rev. Mr Bennett, of Frorme, and his strictures on the Reformarising and caused quite a sepie in the church, many rising and leaving the bulding, some of whom called a disturbance, aull fined 20s, and costs. On Sunday and Monday the preachers, including the Ber. Messirs.

Mackonnchie and Stan
versial subjects. and the
to a hitte hooting from
conchuted on Tupe hat
 constant vick-nault


Hall. brook, the head keeper, hud the poachers, one of whom wraszen tude for 15 years, the other to to $1:$ until Sunday week was a member of the Metropolite Kingsland station last under a warrant dated attempt to murder. He Nrit to to the assizes for tro oung man, named Whe -On Thur Thomas Newbi occupation of Mr. Scott. farmer head being nearly severed
frock were found Mobhs. The police upon going to he clothes which he wore on with blood, Ie was taken befot OxForD-It is stated that the the University, as a member or October term. His Highness panied by a suite. in the same mannet Wales in 1839.
Mrorary deureo of Doctor in Ciril La a very short notice, the Cob University being present than expected in the midst of the lonar $T_{\text {si }}$. ST. ASAPH - An important laity was held in this cits on Thur-dy best mode of this diocese. Farl Powls pre-ded, art Bislinp of St. Asaph, the Dean of
large number of clergy and laty arge number of clergy and laty
exerutive committee, appointed read, containing a number of sion on the sugyestions occupied
meeting ultimately resolved that the importance of the subjects met tione, : but that they were tor momett meeting in October. Much diva Chureh questionz was expressed Willam Murray for the murder of Frajer has been commuted by the $I$ nate serrei penal servitude for life. on the ex
of Tord Chief Justice Bovill, wh VENTNOR. -The foundation-stone of the m? of buildings designed to form a pa hereafter known as Diseases of the on Wednesday in a beautiful 5 sithate Undercliff, about a mile weit of reatro The Princess Loulsa arrived froun tion before z p.m, in an opea lanibur or ponies, with postillions and outrid the Prince and Princess Chrisurat L Governor of the Is general and luncheon had been
inside the cottages, a pr marquee which had been oundation stoue, Viscount Erersies ptes i from the authorities of the ho been offered un


Ludies then advance their offerings of pursee chanted 3 pital. The choir then chashop Ryan followed. add to brought the proceedings to a close. the interior of the day.

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 －an su－honti the ote of the aiont and harater jumable．The ingutat fin weth，und as likey to last for －lis Jirrs，the submior of Fansus

 T－a miviurs whpatwe the soalya－of
 I．An whetuaf of the prisouer．

## Errland

Th Lear，In buis．－The Board of Trminy Theday，and came to ${ }^{8}$ resolution If Hectil they will hot oppose it it ， is and nit a state of bewilderment and ni．re ted rompromise which tonk I．Tht but are now beg．tuatus to tio they ought to take in order and adant the Church to her A－sociation，representine the Mer Prutestant of alnost all shades o
 Gh．Fremhthop of Dullin－


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E 3 －was directed to forward a copy of the －an cleras mann It Irclan 1，and to eaeli anc

 tare 3 stive cstates，was pouncoed upont by four w．with revolvers，who sagrched him thot 2； 14 ：innd they would shoot hira．They $i$ ，rwe p lle furce was sent to tho spot，but Asmerp made

MV Mr．Wambrrion tno
The latest acentutamay that Mr． at．rat of datarer．Twe mo hatw hanh Fira（\＄4ans Cambert，who whs siot at Atheurs， far respernaz The prisoner，Peter bentrend apilsed that there must have been che waperou concerned in the untrage． is in acinlean－The kev．of if inksw，has If rusut to pasy tos the platititl 111 aut action the moth nelol，ratber tortant，as shandig fin，the hanbler classes of a deter－ remst the exeresse by their clerigy of the －read Heapon of altar donumesatron．The A3－Was turunsht by i uational schoolmaster， Futiar Hubing incurred the displeasure of that，a whose parmis the seliool was sifuated，
 \％$w$ d the curees of the congreration on the E 1 Li prazed that＂the curse of the Fatber，
st is tibot might fall upon him，and adhere ad arcowpany bim day aud night in every To this he obliged the people to respond a，o declared that the plaintiffs right I was prayed that Almishty God may lay dis 401 fult tas person to the hour of bis death．
en wry that he be forguen，but that he may
it A．wishts may oven then withhold his c．and as the defendant submitied to alleged grounds of the （if may be assumed that the plaintifi＇s renos could n it be disproved．When the case asad been ofttled on the terms of the defendant 4 lo the plantinti 300 l．for damages and costs．

## Ecotlans．

1 Tib Thistre－The Queen has appointed Norman Macleod，DD，to be the Dean of the Thistle，and Dean of the Cbapes Her． in．Cithleever Shirld．－On Saturdas the ceremony of handing over the Dtoho annld to the Lord Provosit of Edinbargh，is i，was performed in the Parliament House，in －ite ni a large assemblage of volunteers and ＊an of Parliament was lined with yoluateers Ednaburkh and Leith；and the shield urmasien of the shouders of five men Himburg Highlaud Corps．The Edinburgh，with the magistrates





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Hi，Mr．














 the 97 th Regiment，onse litule Ritl only io jeans old，and theo
 threw her over cossenpoaro montancod i．1 Manal mervitis］ with the murder of Willam Borzes＇T1．tria lier Xis ？

 in the same regiment，were in one of the anta k ranhit i．．
 that he was not ing jach roturnets as verdet to that effect，the Mranuet was ordere．

## Eporting <br> GOODWCOD．

Treanati－Eratm sunken－Btr J．Eiawiey＇s thlue guwn beat Seppasta and Lamlash．Lavint Sinta－Mr Mcrt in funahiuc Onatwate Staket－Sir J．Hawlez＇s siderolite teat Midnimane




 Cracovigone




 adventure and Cracorienne．Korlima，King Cophetua，and
 Artermatis．Siritarius，ChateWherault，and standard Bearor





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LEADENHALE POLLTRY，\＆
A bad atmombere and falting trmie．Al goods artive in rery bud


METHOPOLITAN CATTLE MARKET．
Wo have much shorter bupply of Beasts，tra he 2 s ，how over，dull，and it is dffactult to obtain an acratece on the

TIIE GARDENFRS CHPONICLA AND AGRICTELTHRAL GAZETTE



## metropolitan meat market,-Juy 3 i .

Best Fresh Butter
mall Pork, As. of
18 s . per dozen lb .


Mark Lane, -Monday, July 26.
Thero was only a moderate supply of English Wheat to the minning's market, fre which the reduction of ls. to 2 s , per
qr. noted as required by buyers lat wevk was fin many intancess acce forcion when wroceded sowly at ance, and prices of this day se'nnight. Barley, Boans, and Peas were firm. Oats \&d. per qr dearer. In Fluur no alteration,



Barley, grind.d dist, 289to33s. .Cbev.


- Scoth and Lincolnshire.. Potato 2.55-33 Feed


 Maizs Llaple 418 to 455.
Fi,ul R, bestm
$=$ Id Hitto
$=$ Ioreskn .... ditto ${ }^{20}-40$ Countrg.. $25-40$
A few showers have fallen, July 30 .
A few showers have fallen, but wofth this exception the
weather bas continued hot and forcing since the 23 , Whe growing crops are reported to prokress favourably, and we hear that io sume focalities early fields of Barley, Uats, and
heneat hate leen cut, but ten days of fine dry weather will be required before harvest call be general in the countios

 agriculturit mirikets of the kingdum, supplices were moderate. in the value of Whent Spring corn of all descriptiona has been a fadr celle at furmer rarea, any change to the value of tine
 1s. per sack had to be aylumittod to Since Friddy 1. hat 39 of which, with those left over from last week, there remained for sale hast pight 17 cargoos. The amotnt of business but the tone was steady; Wheat, Haize, and Barley mafin tained ubont previous ratces. Of July and August ghipment bard $A$ zow wheat same purcuases were mado for Purthgal, very little in demand, aud it, Falue remand nutumal. Ryans, uly $2 y$-The supply of Wheat has continuth amall, and the
 The arrivals of forcign Wheat and Flour this weeic have boen large, of Oatin fair, of other Eradn small, There was


Englanh..
Irish ....
Forelgn..

| beat. | Barley. | Oata. | Flant. |
| :---: | :---: | :---: | :---: |
| $490 \mathrm{qra} .$ | $20 \text { qre. }$ | $1000{ }^{\text {qrs }}$ | 二 sk. |
| 43,580, | 2330 , | 23,300 " |  |

Lilerrool, July ${ }^{20}$ - We had a fuit attendance at onr was done, at a decimme of ldo to 20. per cental for inforior Was in sluvy request, and without quotable alterath nins from
former ellrencyey Indian Corn steady. Peas very Is dearer Beass in fur repucst, whd © ©d. dearer. Untracal,

## SEED MARKET

There is but little frassing just now in the agricultural sen,it

 of new Eaver dwarl Rapeoeed have becn sill on ourr parcele
of which tho quality has for the most part been verg gnod.
Casury geed f firm Hemp sed wo noto 1 s . per qu. deares. New Trifolium bas adsanced 2 a . to 9 g . per crit. ; ther appears to be a fair crop of Eng ish , With regard to Freceri of fine quallty, but that in conseluence of the long continued drought the second crop will, it is thulight, be very dofimiont
Frencis hons es apparently expect much Ligher prices, for jue now they noem to be unwilling bellors.

Johs Shave \& Soss, 18, Water Lame.

| averages. |  |  |  |
| :---: | :---: | :---: | :---: |
|  | Wheat. | Barley. | Oats. |
| June 19 .. | 48 ec | 32 s 2 d . |  |
| July ${ }_{\text {- }} \begin{aligned} & 26 . . \\ & 3\end{aligned}$ | 46 4 4 4 | 327 35 38 | 29 29 28 |
| Ј $10 .$. | 48 n | 306 | 270 |
| - 27. | 502 | 920 | 230 |
| - 24. | 5011 | 303 | 273 |
| sverage | 48 | 32 | 27 |

W ANTED, it FOREMAN and PROPAGATOR, an

W AN TED, an vexperienced FORESTER, wha can aise houne, coors And fuel. - Apld, with coppes only of testimonials, to
S. M. HUSSEY, Esq, Edenburn, Tralev.
W ANTED, by a Gentleman reaiding in Sussex, a Lo cannot produce satiffactory testironoidile as to character and

WANTED, a GARDENER (SvaLE-HANDED), in a and Kitohen Gardon, Vanery, and Orchard house OOne nceustomed to a Gentioman's surrice None neod npply fio hnve heun miot
than a few weeks out of situntion, and cannot have unexceptlonab
 teer only, atating full particularg, to A. 3., 0, St. He'en's Mroo, E WANTED, as UNDER GAKDENER, is a Gentle-
 WANTED, as FARM SERVANT, an actire, intelli-
 generally ulaetul. A mertiod Man, Fitbout jincumbrance p proforred.


WANTED, a TANAGeed Srade
 W $\frac{\square N T E D}{}$ as SMUPMAN, Retail, a thorniphls


Saleaman.
W ANTED, a middle-aged Man, of good address, and
 W $\operatorname{ANTED}$, ns ASSISTANT, a Young Mhat. He must


WANT PLACES.-Letters to bo Post Paid.
HXPERIENCED GARDENERS (or a GARDENER
 Gaideners and Dnder Gardeners.
W M, CU'HBLSH AND SUN lieR to Athte that they


IIR. WM. PAUL begs to announce that he has made


To Gardeners and Bailifi (Head, Foremen, or Under).



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 (TARUENLR (Hgad), - Meserb. Paci. \& Sux, Thr U/3
 ( ARDENEL (HEAD)- - Ige 28 ; thoroughly under


CARDENER (HEAD)-Age 45, married, no incum-

( ARJ)ENEK (HFAb, -Has a thoroigh knowledge of



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## The Gatoeners' Chromicle  <br> 

Eaish ax (1) Covart Garden Market, LoDdon, WC aderractidje Terra Cotta Plant Markers.


 Horticultural Glass Warehouse

 URCHARD-HOUSE SIZES

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 whil shers squares, 1502 per 120 foot
 Fer 100 foet.

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 MPR. IED ANTI CURRUSION PAANT, 288, to 34*. per ext


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antid brespar FER Exchange. aro Net, for Cash, and as such cramot bo
Lista or any of the above on application.
 Deg to Gubmit therit priceap af followt:-
GLASS for ORCHARD HOUSE
 ha bar contuina 100 feet. The prices onty apply to the nisess stated Squaree 20 by $12,20 \mathrm{by} 13,20$ by 14,20 by 16.

## Fornt quasity <br> By milut




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 Lu Lhioa of GLASS. of the best Manuficcture, et the lowest
${ }^{44}$ PhiLuligs avo Co., 180, Bishoperate Street Withouto E.C

## HOUNTAINB, ROCKB, FBRN OABEB, and 

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THE TANEM LEATEEB COMDUN


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 ELitimater given for outade SLIOP BLINDS, stled on the improved
 SEED BAGS and BACRS, and BAGS of every

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The best Shading is "Frigi Domo" Netting:
 PROTRCTION FTOM the BCORCHING RAVA of the BUN.
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Cantion to Gardeners. - When you ank for

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Agtratturil Improvemente of an 5 kind are oxteviad by the con

 Estate, and pald off br rent.charg
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 the grounds uill Primeen 1rince Arthur arrived from Woolwich. Prinos and Prinmes Christian arrived from Lockinge. The bean of wexminster, inis Aukt. In Stanley, and the man of home out with Lady Augusta
 Stanles Primen Arther, Pas or it yuets is it cesseswent monn han Alherta fin C aldal

 Windar left (o)barme in the aft, rum the (tyenta drove cout nith Prime Leopild and Primpose Beatrice Princess Chriatian wrot in ligde, atul hid threntor dation stone of the bew fariall charen in flat Eloare P'risce Arthur went ha Cowhe luezatis. fon time day morning the chaten walkel in the grow counct Princess lolles. The quen anpeided thas her co-day at U-borne Mits wileare atborme on Majeaty and the linyal fasmily, for the where or about the lith or a few dass prevtous to their departure for scostlaud
The Priney ansi Pbiveeas of Wales and their childrem, after leaving brussels, paseed two or three daysat liumpenherm and Darmanadt, and armicmi B Wildbad on Tuestay evening. On thoir return from Germany their Royal 1 Highnesaes wil sroflid, who short time Gunton Hall, the peat of the Mediterranean is a bout to crulse the his 3 ar
Perwer Artios.-Tbe Gazette of Tipday an-

 which be is about to jomin Connda On. aturasy the departure of has Roval Hequess roml mado the occasion of a reviem of ail the troops in the garrison by the Commander-in-Chief, and in tae eveniog a banquet was given in the gens-ropy which the Prince, the Duke of Cambridge, Prince Teck, Mr. Card well Secretary hand wood, and tord Grant, Lord II Paulet, Sir Nand hood, and dor Srdnes (lord-leatenant of Kentl, and a number of ditstinguished mulary oflicers wi me present. The Prince left the Ranger" ho.25en at aremntan day for Osborne, where he will rem wa mid to Liscrpuoul, Queen til the 1;th, when hat
and there embart for Canad
ME. GLabstonge a kond deal weakened, was abie to noon, a Cabinet Councul on Saturdsy, and to take a

 Commons at the meeting of tha Hanke fithe proro to Walmer Castle for a fer wrehs
go to waimer Cabinfi-A Cabinet Council we: held on

Saturday at the private residence of Mr. Gladstone on Carliton House Terrace, Another Council was held yesterday.
Pabliayentary Movibsents.-In the House of Lords on Thursday, Earl Granville atated thet ParliaThent would probably he prorogued on Weduesday or House of Commons paye his customary dinner, before the prorogation of Parliament, on Wednesday evening to the prinaipal officers of the House of Commons. Mr. Hamilton, took place on Thursday, when Mr Alfred Seymour, the Ministerial candidate, was
returned by majority of I 3 over Mr. Granville Rvder, The Conservative candidate, the nuubers being 56 ? to to
549 . Mr. Marsh, the second Liberal candidate, who was formerly member for the city for several years
only polled 82 only polled 82 .
ham petition was abandoned on Friday, Mr. Serieant
 sirong belief that the empentontosenten landsi" was of them were roters, hut the evidince lind hown that were known to be voters. They had also been unable to establish bribery, and though it was cloar that porward. It was then announced that Mr. Seely would not ask for costs. Baron Martin expressed his approval of the course adopted by both sides, and said that he should report to the Hnuse of Comemons that Mr. Seely was duly elected. Mr. Justice Willes has ordered 5000 . to be paid to Mr. Russell Gurney as his costs of the
Southampton petition out of 1000 . deposit, The costs of the respondent to the Tynn petition, the Hon. R. Bourke, M.P., which will have to be paid by the petitioners, have been tased at 1071l. About 200k. Was
struck oft
The Eigction Commtssions.-The Commissioners Por inquiry into the Beverley election have fixed Tuesday the 24th inst, to commence the inquiry.
Commissionera are Mr. Serjeant O'Brien, Mr. T
Barstow, and Mr. Homersham Cox. The Bridlcwater Commiession will be opened on the 23d August. The Commissioners are Mr. E P. Price, Q C., Mr. Chisholm Anstey, and Mr.C. E. Coleridza.
Consbecation or The Bishop of Montreal. The conseoration of the Rev. A Ahton Oxenden as room of Bishop Fulford, took place ou Sunday in Weatminster Abbey. The Archbishop of Canterbury officiated, and was assisted by the Bighops of London, Rochester, Ely, Gibraltar, Columbia, and Labuan, Bishop Trower, and Bishon Smith. late of Hong Kong.
The sermoon was preached hy the Rev. G. H. Sumaer. Tee Deangry of Durbar. - Mr. Gladstone has conierred the Deanery of Durham, vaaant by the
death of Dr. Waddineton, on the Rev, W. O. Lake, death of Dr. Waddington, on the Rev, W. O. Cake,
formerly tutor of Balliol, nod Fellow of Exeter College, Oxford, a preaoher at the Chapel Ropal, Whiteball and a Prebandary of Wells. Mr. Lake was a dis.
tinguished punpl of 1 lr . Arnold, and was a member of tinguished pupll of 1r, Arnold, and was a member o
the Duke of Newcastle's Education Commission ENDOWED Schoots COMMISBION.-The Endower Schools Bill having received the Royal assent on the 2d inst, a Royal warrant was issued on the ad appoint ing Lord Lyttelton, Mr. A. Hobhouse, QC., and the
Rev Canon Robinson to be Commissioners, and Mr Rev Canon Robinson to be Commissioners, and Mr.
$H$ J. Roby to be Seoretary to the Commisioners. The Commissioners held their tirst meeting on Thursday. Thr Doat TAX. - The dos licences are now issued by ${ }_{381,478}$ Ticencee In the first quarter of the present year 381,478 Iicencess were issued by the Poit Office in
Greas Britain, viz, 340.613 in Enyland and Wales, and 40,863 in Scotland.

## fforeign.

## M. Ravce, -The Senate assembled on Monday, when

 M. Rouker, the President, delivered a speech, in which impartant modifications of the Constitution of the Empire, which had been brought about by a fortunate understandingbetween the Government and the Legls-lative Body. No Sovereign had followed the movement lative Body. No sovereign had followed the movement
of public opinion more faithfully than the Emperor, Whio had al ways considered power as being the property of the nation. A continual movement had been going Empire by the initiative of the Emperor himeelf, za Was proved by the amoesty and the reforms of 1860 , 1863, and 1867, the whole now terminating in a perand a batter distribution of their rights and privileges. both equally unjust To wish that France should remain at a standstill while Liberal doctrmes took possesession of the whole of Europe, would be to disFrance throughout the world, and to weaken the sacred ties shich unated the Napoleonic dynasty down a decline which but to gidde with inditerenco forget that Traroe had a right to require from the mad wishes, and implacable hatred, for, volent passions, Augustus, The Empire is sufticiently popular to of preserve it and with liverty, and strong enough to preserve it from anarchy." The Sengte would, tutional reforms witbout axperiencing a misplaced timidity, sind, at the same time, without yielding to a thoughtless impulse; bat with the firm jotention of
interpreting and conseorating the will of the country, the will of the country.
Goverament znd of the
more fruitful solidarity between the powers of the State nu the mst Consultunn was then read, proposing the following reforms:-


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18gued settling the relations between the 8enate and the Legisis.
latisc Bocly, betweor the Counctl of State and the Emaporor The eon we members of the Council of state "
The oommittee appointed to examine the Senatus Consulttum is composed of MM. Devrenne, Delangle,
Boudet, De Maupas, Visount de Lagueronnifere, Bouchard, Lacaze, Behio, De Casablancan and Suin It is assertod that an Imperial deorea, granting an amnesty to political offenders, will be issued on the promulgatiou of the Senatus Consultum. The rumour that the Empress intends during her visit to the East to support the deruands of the Roman Catho. ice with That question having been settled by an internationa convention, there is no intention whatever of again broching the matter. The trial of M. Taillefor, cashier of the Union Assurance Company, on the charge or having, emberzzed nearly lisou,000 irancs, obarge of having recelved part of that money. well Jay in a verdiet of Guilty. M Tautlefter was sentenced
hard labnur. M. Laferriere, une of the Editars of the Rappel, has been sentenced for attacks againgt the prefect of police to ong month's imprisonment, and a
fine of 200 franos. The Court of Appeal on Saturday quashed a judgment of the Tribunal of Correctional Police, acquitting the Rappel, for publishing false M. Lokran , and sentenced M. Barbieux, the manager, and M. Lokroy, one of the Editors, to a month's imprisonon Thursday between M. Paul de Cassaguaso and M. Gustave Flourens, in which the latter was wounded
three times, the last wound he recoived being a very seríus one.
SPAIN.- It has been currently rumoured this weak bat Mr. Forces, an eminent merohant of Boston, who s at present at Madrid, had been empowored to make Cubs , The tere recognition of the indapendence of recognize the independence of Cubs, and receive from the new Government 100 millions of dollars ( $20,000,000 \mathrm{l}$.) in bonds to be secured on the revenues of the island and אuaranteed by the United States. As, however,
the sisland yields g, 0000000 . sterling por annum to Spain, the amount offered would only amount to 10 years, purchase; it was, therefore, considered very
doubtful whether the proposal would be entertained. The rumour has since been categorically denied. Gencral Iziquierdo, Captain-Goneral of Madrad, has acdressed a louts communication
General Prim, in which ho says:-
"I took prart in the revolution of September in the hope of
 which it is absolutely necossary to put an end. The Conati-
tution laving proclaimed the Monarchy, it is indispensably tuan baving prociaimed the Monarchy, it is indispensably
requisite that a govarelgh should be chosen without lose of
twe. If the Govermment doss not shortly consider the
question, I shall abandun all illusion si to the consolldation of the revolution and ahail definitively retire into private life.
This communication was read on Saturdig at the Council of Mintaters, and created a deep jmpression The Offctal Gazetfe of Sunday pubishe id which the Minister says that the moment has now arrived for completely renowing diplomatio relations with foreign Powns. The Carlists, eummanded by oripadier General Sabarengos, liape reached the moun Carlist bands have also appeared in Pontevedra sind of Don Carlos and A frila have pronounoed in fayour Navarre, Two Carlist leaders wers shot on Tuesday heir expcutan, by order of a court-martial. After their expcution the band to which they belogged peth-
thoned the Government for an amnesty. The Carlint bands are successively dispersing throughout the bolerar on the part of the commander of the Voluth teers nf' Madrid, the sigho, and several other jourmale pormerate politics, have ceased to appear.
Bordeana yesterday corvette Stephania eailed from Portugal, her health being worse. In the eithar to President of Saturday the Marquis Sa da Bandera the Mininter of Finsnce and the Miniter of Thatioe
 measures taken for removing Maxini to
of Switzerland. This result is of the good understanding exigation SAXONY Italy weather, occurred on Monday in the Bat Acoording to inquiries made br Goud was 269. number of coilier kilial bo the PoLaND.
investigate investigate the cage of the Coxprimision an over the convent in compans with in In passing through the refoct medioval instruments o
guilty nuns had to wear on
chest, and a number of
and sharp iron nails. There
were worn next the sking by pent
knout for flozging the refractory.
four coflios contaumer the hodie
The corpses were well preserved
through the upper Eurface
worth The inquiry lasted all
Acstria.-The recent speocl
Foreiga Committee of the Hunarian respecting the relations with despatches lately published is said that there is no fonndation Count Beust has issued a oirouls. representatives of Austris abroad, explainioy reiteratiog that the Cabinet diplomatio correedom of action. It is si diplomatio comrespondence mittee of the Delegatin
The proposed tinnstry
The proposed expenustu
were also the estimates for
and other war materjal. Dur

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IONGARY. - The wife of Irideco hirganary
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Malta An araordiuary arendent 1 se fow ien pliment the inhalatants of the Ahif on tat 4 great festivals, that of the
at ded to the nlluzuations

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& \text { which pero alnuy } \\
& \text { nose of hatatine up }
\end{aligned}
$$

 delivered a storm of grapesbot. Furtunates, , it The oillicers, seein! the mistake they hal na, a, forward at the risk of sea, whe Water with a tremencous noise suadron of arts arrived at Naples on Sunday. Darnat a re bes mant of the cathedral of Tro ment of wood, covered with doore whe made and in the confusion a numb woman and chidren wera thrown dom and on, sixteen of whom ware killed, and mat seriously injured. The fire eventualiy o-camp of the Grand V1zier wes to start for Tuesday with a letter to the Vioeror, grievances of the Porto ggain
cludiny that, in case no satis given, the Porte will con-ide
the pr,vilegse granted nu tat
Cobart Pasha left for Eng.an Lobart Pasha

## of tie Vuceror of tigypt, zad Halap Pa

Egypr. The Ficaroy lelt Alers Ismaila, intending to promeu Mectmed TPacha, has been appotnte
with laghib Paoha as cul
bark has been sppointed
$\rightarrow$ Lentare asgembled on June 23 The



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## : - Intel that affairs in Japan are so un-

 1:bat an bhostlity contiauss to be shown I h. hama, and the regiment whuch was ou t 3 ving has been ordered to romain.
 Jine The name of Profemor frififth, of ,umtionah an arandidate frir the vicant 3 run tuer trams into Deithis on thete 1 at of
 Ammer of Mysting and the manaifan ture


 Haul He tiso brothers have arived at the - Comernment at Lathore, where they will be 1 for.

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treacurer and nearly all the Min the state treasurer and nearl allt the



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 the Tr.ted tateen ausequrnities ha hi ther departure to attack Peru, Lend a spociai Cantibet meetiox The s.ecteary of the Treasury
monthly state
 are been $\dot{2}$, $181,550,0,000$ dollars, being
 Cork piparz notice with approbstion ${ }^{2}$ ds held abroad. $A n$ attelenpt is making
 A pentleman of Louis sulle bas of ofred, if
 Ad orteat Are oceurred on Wedneeburnt in the Goremment warelbouse. mounted to six millon dollars. Seren Th. A terrible tornado visited the hilled, and great diamage was done to rous trado ostikes have taken piace ountry. Pive hundred Danish Morequence of the.
T- In eonsequence of the rumours to the effeet
2in firn hate been opened at Madrid for the ha by the Cnited States, the Cuhan
York have formally protested azainst losargent accounts from Cuba state under Jordan are rapidy ficreasink asurrection attacked Puerto Priacipe but were repulsed
from Mrxico report a great . snees in tnat country
L. Tome erevtemanent thansten. created in the





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 Funds Bill. Lord St. Levonanys oppoed lhe Bulo the ground that it involved an undue inter ference with the Sultors' Fee Fund. The Lozd Chanewlion exylunod that the only way in whirth the sultore
 The bill woe tuon rem in Comeond huwe ververa buin
 were zannow diare fon the ordar for the neoond


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 capposed upon the cruluranies furf the inst thme The aniendment "1as not perst tell su, avd the bill lased On the ruotuon for *uld in to Commiteo tone the

 ut it or the National Gallery not to purcchase any more Eari GRa NVILRE opposed the motion, and said that hie (oulld nut entrourago the hope that the Government

 of Bullo wian and anel a staze On Trur- Als the Armon.


 motion for the third reading of the गmblin Freen.en oummistion Bill the Farl of INNGFMRD Dzann matred he rejen ino of the Bill. Earl GBas iturf connlatine
 hat seereal veers had iot tho hoine on the minar-
 blame, they were the Governvent themedrea who had turowr over impportant business antil

 ment, in the beliet that to rojecting the melasure thalr Orasaips would bo su-taned by the ophynon of the


 Lerra Dcherrix exp aned hath to ouly wo ropot hat had taken place;

 against presingy Bilis at thit end of thie sersion, Lord Lovarop whithrew bis amendment, and the Bil was read a third time and paseed. Yegarday the report and amendmentison the Seais Adurarmon the will reci ved. The Telegraphs sir and orta were exan a turird time and passed. The haciosure of Lands suit and otwer haid



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 urnose n f forminz marke wat rene well, ant on a divisinn. her clavee garriod on Saturd dir Mr Tarrens,


 He mal satement on the nasacalat pomtion of Iodia He sald that the general result for the pant saar, was me to sir $R$ Temples calom lat ions 1wt harnh

 of aboot 49,80,000, , and an expendifure of whin 1, h
 tion, zud State railmass, and at the same time to tiona tain the cash balanoces at their present height, a loan mould be nereasry; and as the borron iog powern of the Indian Gorerment were on the pint of
 expining tireft Marb $8,000,000$. In cenclustion bo




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ment, and it was ultimately withdrawn. Mr. LaMCEASNCELCOR of the EXCUEQUER, in reply, said that CEANCELLOR of the ExCEEQUER, in reply, said that
the resolution only aflirmed a policy on which Parliathe resolution only aflirmed a policy on which Pariationed that between 1859 and 1889 the National Debt
had been reduced from 832.8300001 to 795000,0001 , motion was withdrawn. After some conversation
on the conduct of the Metropolitan police in a recent on the conduct of the Metropolitan police in a recent
case of excess of duty, the House went into Committee
on the Parochial Schools (Scotland) on the parochial Schools (Scotland) Bill, commencing
at the 24th clause, with 250 amendments on the paper After more than two hours had been consumed in a preliminary discussion whether the Bill should be
dropped or not, Mr. Eifics moved that the Chairman should leave the chair. On a division the motion was negatived by 98 to 63 . Lord Elciso then moved that
the Chairman report proprees. On a division the
motion ras neratived by 102 to 24 . After a third motion Was neratived by 102 to 24 . After a third
motion by Mr. KNigET to the skane effect had been
rejected by 100 to 24 , the Government rielded to a rejected by 100 to 24 , the Goverament yielded to a
fourth, and at 325 consented to progress being reported
without the lill being forwarded a smyle line. On Wednesday the CHANCELLOR of ihe ExCHEQUER, in answer to Sir G. JENKINSON, declined to pledge the ing with the Malt Tax next year. On the contrary, view benefit the landlord interest exclusively, in and afford no relief whatever to the agricultural community, Mr. Broce moved that the House should go into Committee on the Habitual Crimainals Bill. which had come down from the House of Lords, Sir C. ADDERLEE, Mr. Newdfgate, Mr. HFNLEY, and Mr. HadField,
opposed the Bilt; Mr. G. Hardy and Sir G. Jenkinopon supported it. The Bill, except the schedules, then passed through Committee with numerous amendments, the most important of which was the omission,
from clause 10 of the words, " making seven years" from clause 10 of the words, "making seven years"
penal iervitude an imperative sentence on a third conviction for felony." The Appropriation Bill was read a third time and passed, and several other Bills were forwarded a stage. The Real Estate Intestacy Bill
and the Marriage with a Deceased Wife's Sister Bill were withdrawn. On Thursday, in answer to Mr. M'JaREN, Mr. Gladstone stated that the Government would make inquiries during the recess. with a
view to the appointment of a Parliamentary official to oonduct Scotah business in the House of Commons. Mr. Watein Whlitas gave notice that next session he would move a resolution for the disestablishment of venues to undenominational education. On the motion for going into committee on the Bishops' Resignation meet ar. GLADSTONE explained that its objeal was to vision in the event of bishope being permazently incapacitated by old age or mental or physical infirmity. In the event of a prelate resigning on
account of these dicqualifications, he would be entitled either to soopl per annum, or to onethird of the incoree attached to the see, and possibly to appointment of coadjutor bishops, with the right of succession, whose remuneration should be paid out of the balance of the salary attached to the see. Tbe Bill, as surgested by Mr. HEEMLEY, would be limited to two
years. Mr. HaDFIELD moved, as an amendment, that the Committee on the Bill be postponed for three months, contending that the time was rapidly arriving fluities of fluitios of the past, and that their presence in the
House of Lords was antagonistic to the interests of the public. Mr. D. Dalermple seconded the amendment Which was suphorted hy Mr. Dickinson, Mr.
Bouverie, and Mr. Krnnatrd, and opposed by Mr. Mowbray, Mr. Acland, Mr. Bowring, and Mr. M'Laben, On a divisino, the amendment was negaCommittee. Mr. STaNsfeld moved the second read ing of the Canada (Rupert's Land) Loan Bill, the object of which was to guarantee the loan to be raised by the Canadian Government for the purchase of the ameadment that the Bull be read a second time that da DILEB, who anvendment was seconded by Sir C. W Views of the Government on the subject of colonial Ruarantees. Mr. Gladstone vindicated the fransand said that it gros entirely on British considerg, WeLL, at greater length, explained how the pledke had beengiven to the Canadian Goveroment Imperial policy, from which this country profited as SYEES, the amendment was negatived by 63 to Colonel the liill was read aecond negativer by 65 to 10 , and of the Metropolitan Board of Works (Loans) Bull. Mr hCollagh porbess renewed his attempt to limi for the purpose of of Works; but sell lands acquired for the purpose of parks; but, meeting with po
encouragement, he did not go to a division. The Bill was then read a third time and passed.
The adjurned debate on the Indian Budget was
then resumed then resumed by Mr. J. B. SMITH, who pressed irrigation works and cotton cultivatiomportance of Sir D. Whdir. Bizley, Mr. Platt, Mr. C. Denison, and Mr Kinyird, the usua 1867 - 68 were acreed to. The Government for the year Amendment Bill, and the Guvernor-General of Indin Bill, passed through Committee. The remaining
of ia Committee, and several other Bills were advanced a stage. Yesterday the House again went into com clause 24, Lord ELcHo moved that the chairman do very member to suport the Ministry in winding up the session, but the House onght not to be called upon to consider what was really a new Bill, after the
Appropiation Bill had been introduced. The LorD ADvocatr defended the Government, and after some cemarks by Mr. BRIGHT and ohers, 9 to 27 . The mill was then proceeded with, and clauses 24 to to 45 left sitting.

## Money Marter Fidigence

onsols or Account; New and Reduced Three per Cents., 927 to 93 ; Bank Stock, 243 to 245 , Exohequer Bils,
to 7 s. pa. for Maroh, and $5 s$. to 10 . pm. for June;
India Five per Cents, Indin Five per Cents., 1112 to 112 -Forkign : Spanish,
$29:$ Egyptian ( 1864 ), 91 to 92 . Ditto (18fis), 96 to 97 Ciceroy Seven per Cents. $81{ }^{2}$ to $80{ }^{3}$; Ditto Nine per
Cents. 97 to 97 ; $;$ Turkish Five per Cents., 43 I to 418 ; Ditto Six per Cents., 66 to $66 \frac{1}{2}$; Argentive, $79 \frac{1}{2}$ to 80 ; Peruvian, 78 年 to 791 ; Honduras, 83 to 84 ; Portuguese,


## Atetropolits and $\mathfrak{t t s}$ Fitimity.

Accident to Sir Augustus Clifrord.-On Sunday evening as Sir Augustus Clitford was proeed-
ing along the passage at the foot of the staircasoleading from the House of Lords to the river front, his foot accidentally caught, and he fell heavily on the stone
flooring breaking his kneecap. He was immediately removed to his residence by the Victoris Tower, and surgical assistance was promptly at hand. He is going on as favourably as can be expected under the care of
Mr . Prescott Hewett and Dr. Way, but as he is in his 32d year, much anxiety is felt respecting him, and from the nature of the accident some weeks will elapse before he will be able to walk.
The Channee Passage between England and Frasce.-The report of Captain Tyler to the Board of Trade, on the improvement of the means of communilished. It says that the steam packet service between England and France, which is in fact a service between East generally on the one band and Europe snd the improvement. There are now, exclusive of the routes by Ostend and Antwerp, 310,000 passengers a year to the mail route; and those numbers are capable of great aumantation on greater faculities and increased com fort being afforded. The existing steamers, restricted barbour accommodation, are not proportionate to the impartance of the service, but the existing harbours at Duver and Boulogne might, with certain modifioations, improved construction at a cost of $100,000 \mathrm{l}$. at Dover, and 500,0001 . at Boulogne, if the two Governments are Mr. Fowler, for constructing, at a cost of two millions of money, special harbours for special steamers. It concludes by saying that the immediate object should
be to provide an improved fixed service, irrespective of be to provide an improved fixed service, irrespective of
wind and tide, between London and Paris in eight hours; and that the French Government should be invited to concur in the appointment of an international rommission to consider the question.
The Volunteer Artillery at Shoeburyness, -The annual meeting of the National Volunteer Artillery Association commenced on Monday at Shoeburyness. The competitive trials began on Tuesday, and verified yesterday morning as follows:-Ouen's Prize 7 th West York; Lords' and Commons' Prize, 2 d West York; Prince of Wales' Prize, 2d Cinque Ports (Sandwich).
Payment of Dividends at the Bank.-A corfespondence has taken place between the Chancellor of Eagland on the expediency of transmitting by post the warrants for the dividends on the Government funds, the result of which is that the Bank has agreed to
make arrangements to furnish this facility to all make arrangements to furnien this facinty o all
holders of stock who mayy signify their desire for it.
THE NEW Law Courts:-The majority by whioh the Selpct Committee appointed to consider the site of the New Law Courts reported ou Friday in favour of the Carey Street site was 9 to 7. The real majority one, as Lord Stanley, the Chairman of the Committee, did not yote
Sitr of NEwgate Mabiket.-Mr. Horace Jones, me City architect, on bebalt of the Markets Improvements Committee of the City Corporation, has subutilising the site of old Noard of works a plan posed to form streets on the site of the market by the ereation of four blocks of buildinga, divided by cross atreets, one of 20 and the other of 30 feet in width, and surrounded by a narrow passare. The Building Act improvite, constdering that by the plan proposed an plan be approved, and the Board, under the circumstances, set aside their standing orders os to the width of new streets berng of 40 feet, and sanctioned the plan.
-On Mondinking fountain in Regentis Pare.
naugurated a ne Princess Mary of Teck, formally

Mr. Cowasjoe Johangent's Park
Parsee gentlemen Real of Sicilian marbile and Abuntan,
high, and the fonts into whicen reached by roiss of octagonal address on behalf of the proceer, 1,75
the Metropolitan Drinking requesting her Royal Hlghness, artar itan
of the Queen, structure, which had been erecte Parsee families of landed prope th the express purpose of shoming
country for the protection country for the protection which
countrymen had enjoyed under B
At the conclusion of the adire
Kinnaird, M.P., requested the Pri
 addresses read to her, adranoed
western side of the sented to her by Mr. Kinnaird water, her Roya! Highness ssid. "I declare this fountain on sai those who accompanied the band of the Queen's then National Anthem. The public approach the fountrin, and for som stormy cont
Decimal Coinage and the Metbir The second report of the Standards Con pubisbed yesterday. It states that 10
opinion of the Commissioners the time When the law should provide, an metrio weights and measures in For this objeot metric standand the Uxitod I relation to the primary metric standards is 7 deposited in the Standards Departme
of Trade, stould be legalised; and veri of Trade, should be legahsed; and
official metric standards shouid be authorities for inspectors of surk
require them. The Commissionerst nomenclature, as well as decimal system, should be introduced in this be permissive only, and not made after any period to be nows specified, the use of metric weights and me lag that during the concurrent imperial systems, it will be expe from being accidentally or fradu
authother, the Commassioners
which each series may be readily and eas.-2 forms or marks for the several mined upon after due inquiry. mhes the expedjent that custrims weight and measur :
to be levied by metre
as by imperial weigbt and measure na of the metric system,
system, should be adonted by other g especially the Post Office,
the principal results of the
Trade, as well as for the admeasurement scia thon of the tonnage of shippin
the Commissioners say
the Commissioners say that, esen
at present an internationat une decimal cos and system of coinage, which is 18 the pom ment, would be very useful to the p.b.c.e.
FREE LIBRARES. The Hon Auberon who contested Berkshire in the Liberal intem in last election, has addressed a letter newspapers, stating that as all the expenses urn Mr. Walter, who cannot be persuaded as Mr. Herberts share or to the encount proposes to devote that sum To Readnn, s: Berkshire town, he offers 250l, and hom to five towns (including Oxford) Han amoun comply with the condition thased by eartatis being done, Sl
 to the course to be pursued will be finsl at ens: part of the 1000 , be uncian may seem
monthes, it will be dealt with 85 mat the circumstances.

 Exchequer to call his attention on Epping Fores

## encroachments. Mr. Samuda

deputation, which incin
Mr. Reed, M.P, Mr. J, H
ton, Mr. E. R. Cow, an
district. Mr. Lowe iu r
of securing places of recreation for the pespant hat
the ground of justice and rigt des
the ground of justive and rigit inister of the
would not be fair for him as a Alice, for sothe
adrise the Crown to enfore,
? rasts which had boen given epecially to
h ithsing of doer. If the copybolders riphte
adasing of doer. The lord of the manor they mpelf st law. it was not the business of the
parfere sad protect them; the Courts were rrmee of asssting the people he would no the crown, and he could not therefor Is nanis of tyranny and oppression to revive inee oid ruthts in force in order to prevent as they pleased over this property when Hose rights were granted had
Hansard said that the rigatso
and others who enclosed this the manor and others who enclosed this asd that they were not obselete, though int be neonvenient. hrought forward.
milphizL. - sir the oses Montefiore has obe ailowed to plazo in the Guildhall Court of Common Council the gift was h tuarks, and the 1 ecessary arrangements complete the intelnal decoration of the ad will be placed, here about the same elarge west window, e ected by the Corporaof Alderman Salomor s. The stained-gle ow in the great hall were contributed hr the Lancashire oparatives in commemomine. by Alderman Wilson, the senior of the Court of Alderm n ; Mr. Cornelius Lea
Prime Warden of the Cooldsmith's Company: Company, the Sadders' Company, and Co
OF
OF
N IIITOY of City Che cheiss.-Two churches is of London are to be demolished, and partly of St Middred, in the $P$ yultry, where there has en 8 congreation of mo e than two or three for ara past, and the oth $r$ the churoh of All-
saining, which has not had a vicar during the or four years. Both these churches are now en down under into adjacent parishes. It is not $y$ aunounced what arrangernents will be inection with St. Mildred's, Poultry, but
oos on which Allhallows Staining is to be are that out of its large revenues three kez are to be built within six miles of St should be built out of the fuads realized hition of St. Benet's, Gracecluurch
Thitworit Scholarsirps AND ExHibrcompetition or the practical work for Mr. Manby, secretary of the InstiIril Enelopers, and Mr. Marshall, secretary experholar hips tenable for the present year,
hrorth has just offered to the Science and Art ment No exhibstions of thc value of $25 t$. each, to ols. public and private, in the United Kiagdom wethibitions are to be held for one year, and the an cal sceence, and drawing.
timiraty from Ad Atelegram has been received ist tating that the Bermuda Dock arrived safely mand on the 98 th July. The absence of dock oinse on the North American and West Indian to of below beoverhauled home for those purposes.

## POMA TOMB THE

surveyor in the City, wrote to the Times that in pulling down some houses in
Roman tomb of brickwork has been onderneath the foundations. On opening conss at the head. He adds that there was a to tomb, which was deciphored as B C. 407 Excursion. - The Earl and tan working men's clubs to make an urstbourne Park, in Hampshire, on Compans.-The prospectus has Family Laundry Company, with a
14250,000 shares of $2 l$. each, fully only 50,000 are to be issued in the other shares to be issued as branch opened. The company propose to a with laundry and bleaching grounds,
to farnuly washing on s large scale in districts round the metropolis, at the seasplaces. They state that in many
seeds of disease sre carried into mules in the washing-basket, many,
laundresses having no means of lothes, especially in wot weather, districts favourable to the oncouragesease The company also gusrantee that the
ane be done entirely by efticient labour, and eurcals shall be uaed which, though giving a earrance to the articles washed, only tend derable the material. The list of directors is,



 of Mr. Blake's suspension, and his rexumptinn of his guardians to suapend ay nther ofthier durng the re-
mander of ther term of oflice a storay debato
 sunce they could not "suspend" any offiendink officer
they would go farther nest time aud "dismiss" latn
Eventually a solemn Eventually a solemn motion what carried, that the letter
of the Poor-law Board and Mr. Goschen's order THE DETECTIVE Police - The Codimisioners Police have apponted go sergeants and lito constables as a divisional detective police, whose duty it will be to
make themselves acquainted with all tho criminali in thelr districts, and their amociates, habite, and residences. They will also be amployed, under the ordera of their superintendeats, in tracing crimes committed in the diviston, and Renerally in the detection Thences which the police have been unable to prevent each, and the constables $24 x$, muli an allowavee of 2. to each man in lieu of uniform

Fatal accident To A Clzraiman on thr Alpr. by a fall from the Schreokhorn on the 2 fib ult I Fhas travelling in Switzerland with the Rev. P. W Phupps, with the object of asoending sevaral mountains torether, and were accompanied by Franz. luner, of by Josoph Isauner, of Yermatt, as porter. On Monday afternoon, the 26 th July, they left Grandelwald to sleen Peler Baumano the Kiastenstein, taking with them Peter Baumana, of Grindelwald, as an additional porter. On Tuesday mornink they commeneed to was effected with comparative ease. As the rock became more difficult, Mr. Phipps and Baumann put on their rope. Mr. Elloot, howeser, declined to put on his, as he thought it was unnecessary. He ascended very rapidly, and went on some dstance in advanco with
histwoguides. When Mr. Phppsand Baumann resched histwoguides. When Mr. Phyppasud Baumann resched were just leaving the snow about half way up the final peak, and were cutting the last steps to reach the rocks of the summit. They were in great spints at their sucoess, and the two parties shouted in congratuiation one to another. At this moment, in
springma from the snow to the rocks, Mr. Eillost slipped and fell, Lauber was on the rocks, but not firmly placed, and could zender no assistance. Binet
caught hm by the arm for the instant, but fuled to hold him, and being unroped Mr. Eilsott glided rapidly down the steep snow slopes of the north-east face of the mountain, rolling oocnsionally over until he disappeared rom their sight 1000 feet below, near the Laver-at Muhel, were sent off to discover the body, which they found on the Lauter-aar alacier on the 23th, and took back to Grindelwald on the next day by the Grumsel and Strahleck.
The Betting Holtses Prosecctions - On Monday the prosecution of Mr. Wright, of lork Street, the well-known betting akent and proprienor of "Wright's Racing 'Telegrams, was brought to a close, Thomas Henry inflicted a fine of 1002 ., sad settled a case for the decision of the superior courts.
Abson in the Bobocih.-On Monday a serious charge of arson was preferred at the Southwark policethe aganst a publean vamed Cusack, An alarm of fire was gen but before the brigade and engines arrived the flames had burst through the roof, and were raging in every room. Their progress, however, Wras arrested in time to leave diatinct evidence of the premises having been fired in 14 different places. In each of the parlours the furniture had been piled in a in every direction of the same liquid baving been used. Tha prisoner made no delence, and was remanded.
Thr Pobito Healthe - The Weekly Retarn of the Registrar-General states that in the week that ended on Saturdsy, Juls 31,4313 births and 3453 deaths were registered in Loudon and in 13 other large towns of Frs 28 per 1000 persons living, being $2 \bar{i}$ per 10010 in Loondon, 21 in Edinburgh, 20 in Dublin, 21 in Bristol, 22 in Birmingham, 30 Liverpoo, ar in Manckesuer, 27 in Salford, 25 in Sheflield, 26 in Bradford, 80 in Leeds, 17 in Hull. 26 in Newosstle-apon-Tyne, and ending Glasgow, the slaus ult,, was 22 per 1000 ; in Berlia during the seven days ending the 29 th ult., 38 per 1000. In London the births on 1060 boys and 1076 girls, in all 2142 children, were registered 1859-68, the average number, corrected for increase of popalation, was 2101 . The deaths Yegistered in wook of the year, and the average number of deaths for that week carrected for increase of population, was 1654. The present return is therefore 8 below the estimated amount.

## 3robincial.

Biryingham. - Mr. Josiah Mason, 8 Birmingham manufacturer, who has amassed a large fortune during s sucoessful career in this town, has just made over to trustees a magnificent building at Erdington, near

Sution Cubltield, to bo und an an orphamene for 300
 on towmost, consatitip of haided extulom in ind around

 Bulat along with the ofy haringe
Bbisfor - Mr. Lamb, the Bristol marchand, mone and bankruptoy warrants, is consileradi is, he a poluce of international law, wat oharged betore the borough helonging wo the partuershif of anarris d Lamb What, ot aeenunt of the dith ully yf blathong ervidence, and
 ruptey, by whom he was commaitted on the lat ult. bankrupt, or to enswer any questions The benkrupl now surrendered, and, on the appleasisan of has counell, concurred in by the counsel for the assigneen, he rail
discharged from custody, and protection granted tull the loth Septamber.
 hasi week. .under the preathery of the Marouns of Bristal. Murang the mort.ng excursions were maide to several mherentink churches, mannous, and townan in antiquarian interent wero extibited by the Mayor and Corporation of Bury, the Maryuis of Brastul, the Mayor tpsweth. hady Collums, and otbera
Dewosproht - On Saturdey Arthor Skullon, a corgoral of the sith lingumemt, Was shot in iazalan regiment. Raytur was anie of the defulians of the mormina, and hat beret dritlest by dermased. During the detil the dereseal disenvered that, insthad of being in marchink order, 1 he man hal hiv kuapsark empity, and reported lus delin quene! fa the entjeant-major. loaded han Snidor rifto and nhat deseaved through the head, kiling ham instantly. Taylor, after commitung the murder, attempted to destroy himself by cutting his throat. An inquest was held on Saturdng, and a had in the interral bepn handed over to tha civil power. He was taken befure the magstrater on Saturday, and remanded untit Tucendes.
Fanny Olver - The sentence of death parsed upon has heen commuled to one of penal servitude for life the prisme
l.efis - On Wednesiay night, nome men were en suyed at llarew ood Huse, the readence of the Earl Wharfe for tish, a number of young cormorants being gamekeapers, pemed Kane, got out of his dopth and Was drowned ater gallant attempts by two gentlemen
visiting at Harewood House, the Hon. Gerald Latscelles and Major Fursby, to resue him.
MoLD - On Monday David Philjpx, Robert Jones, and Thomas Gibbons, eolliers, were charged before the magistrates with combination and conspracy in driving out of the county Mr. Young, underground manaker of the Leeswood Green Coal and Cannel Company, whose name was prominently before the publie in connection with the late riots. The magsistrates committod the defondants for trial at the assizas, reflusing to socept in the result were in the wha. In antimpation of disturbance the authorities had brought two companies of the sth Regiment from Chester, but all passed off
peaceably. It was expected, however, that disturbacioer might occur on the removal of the pritoners, and as a Guards passed throun Warrington on Thursday on their way from Manchester to Mold, io convey the prisoners to the assizes for trial.
NBWNCBY-James Heath, a shepherd in the servioe of Mr. W. H. Duan, of Inglewod, neser Hungerpoison bis wife. It appeared that prisoner left his cot tage for his work early on the morning of the 27 th , and thit his wife and child, with Mrs. Taylor, a nelghbourp down to breakfast together. The child and arrs. Taylor became sick son after drinking a small quaning sensation after she had tasteil a sponnful, but the ffect upon arer less powerful than upon 3irs Taylor and the child. The sugar used at the meal was afterwards exsmined, and found to contain small portions of bichloride of mercury, which the prisoner was in the habit of using to destroy insects in his master sheep. Prisoner denied his puilt, but was remanded in sheap. Prisoner denied hiskide o might be procured. Oa Thursday he was again brought before the magisrater at Petty Sessions, when it was proved that the tobloride of mercary must have pronsoner was then committed for trial at the Assizes.
PBNZATCE -The dangerous pile of roaks lying of the Cornish coset, known by the name of the Great Woif Rock, is now about to be converhad from a sourco int miles SS. W of the Land's End, and are in extent 56 by 38 yards. They are nearly covered at low water immediately beside them ranges from 30 to 40 fathoms. Plased at the very commencement of the Channel navigation, and their existence almost completely con and of many hundreds of gallant sailors for nearly and of many hundreds of gallant sailors For nearly
eight years the Trinity Board has been engaged in the
prection of a liphthouke upon them, but, from the difficult and the progress slow. The time available for working on each tide has boen reckoned by minutes hours during which workmen could land has been

 Who followed up his formal task by a brief expression
of thankfuiness for the completion of a great work under unfavourable circumstances, witnout lose of life
or serious accudent. The lighthouse tower is built of
 it is hored that they will speedily be completer.
Prestov.-The entton manufacture in this town
continues in a very depressed state. attogether stopped, ond ant several. otherse aither shollst
time has been introduced or portion of the machinery only is kept at work. The effect upon the labour
 RYEE.-The foundation of a rewe parish church for parish of New Church, was laid on Wedoesday by the Princess Christian. Her Royal Highness and Prince Christian arrived at the site of the new building at by the mayor and corporation of Ryde the churchbuilding compmitteo, Mr. Morant, Hight Sheriff of Hampsaire, Sir John simeon, member for the island, the county and borough magistrates, and others. The
dedication service was oonducted by Bishop Ryan, dedication service was oonducted by Bishon Ryan,
nespisted hy Aroldeacon Jucoob, and the Rev. A. Poole, Vicar of Ryde Her Royal Highness having adjusted the stone, deolared it to be duly leid. A number of
ladies then presented purses, after which a lunohoon ladies then presented purses, after which a lunoteon
Wha given at the Town Hatl, presided over by the Wha given at the Town HEil, presided over by the The ohurch is to be finished with hin two wears from the present time. Mr. G. G Scott is the architect.
ST. Arbess..-The annual meeting of the British
Archeological Ansociation wns opened in this towro on Archzological Association was opened in this town on
Moudaj, and bas continued daily during the week. On Mondoy Irord Lytton, as President, dolivered an inaurural address, which was followed by a déjeđiner at the Town Hall, examination of the Abbey Chureh and Monastery and a dioner at the Town Hiall, at 7 P.an. -the president in the chair. On Tuesday there were and Dinstable, and an mspection of the Icknield Way. churches and town and Sopwell Nunnery, followed by a vist to Verulam and Gorbambury, On Thursdayy there was an exoursion to Hatfoid House and Knobworth. Yesterday an excursion was to be made Manor Hinuse. To-day renrcions to Abhot's Langliy, meeting took place on each evening, except Monday st the Town Hall, for the reading of papers and discussions.
SCARBOR
SCARBOBOUGH:-On Tuesday week two men, named Jahnston and Williamson, were charged bofore the
magistrates mith baving wilfully get fre to the heather magistrates with having wilfolly set fle to the heather
on the moors near Harwood Daje, on the estate of Sir on the moors near Harwood Dage, on the estate of Sir
Harcourt Johastone, M.P. O』 the previous Sunday, at about 9 ocdorik, two servant men of Mr. Snowhall. a farmer in the neighbouthood, saw the prisoners on the moor and a amoke rising from the spot. On approaching
they sayy Williamson addiug furze to the fire that was they sawy Willianoson addiug furze to the fire that was
burning. On being remonstrated with, Williamson bergan to trend the fire oot, but it rapidy spread, and during the day a number of keepers ant others were employed in endeavouring to extinguish it. The prisoners, who waiked off when they found themselves they were taken into custody. At their examination, on Tuesday, it was stated in defence that thamen mere meerely gathering bilberries, and after lighting their ground, thus setting fire to the dry hasther. Both grisoners were comnitted to York dor traal.
hurglarionasly entered a few ofice at this place was hurgiarionsly cutered a few nishts ago. Mr. Whitield, stampast and $8 l$, in money in the office when pe olosed
sta stampe and $8 l$ in money in the office when he oloosed
it ; next morning he discovered that the stainps and money had been stolen. Nothing has been heord of

## 升xland.

Election or Lopd MAYos-The Corporation of Dublin on Monday unanimously elected, Conservative Mr. Purdon, proprietor of the Farmers' Gazadtere, and a
large practical agriculturitat to be Lord Mayor for the next year.
Meerring of Inish Brshors.- A meeting of Iriah Bishops took place on Truesday io the Bilton Hotal, Bublin, to consilder what steps should. be taken in pres ded, and dall the Bishops, were present except the Bishop of Cashel. The nueeting sat five hours, and then then
adjourned till mext day. The proceedings were stritily adiourned the next day. The proceedings were strictiy
private. The Conforrice was resumued on Weduesdiy,
when the When the Bishopn onanimously resolved that a qeaeral which the elergi and laity should be fully aud equally represented, and that as the existing representation of
the clesgy in their Provincial Synods Nas mperfect, it was desirable that these Synods should be convered to to the preant circumstances of the Churet.
tur Inse Cerence Comanseros.-Lo

Mr. Justice Laswson, and Mr. George A. Hamiltou, which became law last week, will onmmence their duties without delay. Judge Lawson will vacate his ceeded by the present Solicitor-General. Mr. Mamilton will also vacate the permanent secretaryship of the Dismigsal of a High Sherifk.-Captain Coote, the high sherife of the county of Mouaghan, has been the desire of the Lord-Lieutenant that he should dismiss his sub-sheriff for the partial manner in whioh he
prepared the jory panal for the spring assizes of the
county. Shooting of Captain Lambert.-Peter Barrett, the Lovdon postman, who is charged with shooting at Captain Lambert, has been comrnitted for
rial. He was identified hy a gunsmith in Tottenbam Court Road, as having bought the revolver from him a ew days before the outrace.
Desecration or a Crubchyard,-A shocking sast. The Privy Council, having issued an order for
closing a part of the praveyard where the bodies had bean buriad near the surfoe a crowd of peopio believing that they could ovade the order by so doing, assembled and dup up the remaing, for the nurpose of re-interring them at the required depth. Upwards of aver the ground. The H tayor and police stopped the
one proceedings.
THe Cobr Poutct,-The Corporation of Cork having recoived a letter from the Chiof Searetary announcing that half the extra police should be
charged on the city, have protested against the force as charged on the eity, have protisted agsingt the force as
unnecessary, and on the motion of the ex Mayor have adopted a resolution that the Council should petition Parliament to supprees all celebrations in the north offensive to Catholics.
Threatening Letticr to Lord Clonbrock. A threatening letter has been received by Lord Clonbrock, througg the Ahascragh Post-office, acoompanied
by the usual coffin, gkull, and cross-bones, warning his lordshin that in the event of his not dismissing his land-steward and gardener, he had better make the necessary arrangements for their fucerals.
Ter Frnian Conviots.-Meetiags promotad by the amnestr committee were held on Sunday in Limerick and Gamas, to take measures for procuring the relesse of the Feniad convicts, At the latter plare the High
Sherif presided. Resolutiong of the usual dhargeter were adopted.

## Scotland.

The Pringe of Walbe and the Scottige Freme Mssons.-At a quarterly meeting of the Grand Lrodge of Sootland, held in Fidinhureh on Mondsy eveniog,
the Earl of Dalhousie, Grand Master for Scotland moved that the Prince of Wales be elected patron of the orsfit in Sontland, in succossion to his great unole, the late King William IV. His lordship stated that and that his Royal Highness had expressed his wilingness to accept the honoar. The motion was cordially adopted.
Jrdbutger Abbey.-The Marquis of Iothian has agreed to build the now chureh entirely ath his own experse, instead of apcepting the sum of 900 , from

Grieat Cappurg of Whales.-A letter
Grrat Capturg of Whalks.- A letter from
Stornowry saye, that on Saturday week an immense shoal of "eaing whales" ware seen deporting themselves off the bay. A fleat of $B 0$ boats, manned by about 140 men, immediately put out, and getting to beaward of the shoal, drove them, after twelve houns' labour, into
Stornoway harbour, when they were all driven on shore Stomoway harbour, when they were all driven on shore
iike sheep. Every descrintion of weapon was brought iike sheep. Every description of weapon was brought
into use and 185 whales weresoon harpooned and ready for flieehing. The whole of them were sold by publio auotion, ramlising 650 l ., whioh is to be equally divided amonget the eaptors. The largect whale measured 20 foet in leesth, with a girth of 18 feet, and fetcoled 198. , the rest averaging about sit exch.

Murder in Gremanock.-On Sunday mornine the police of Greenock were called upon by two brothers Morris and Walter Barbour, and informed that as
washerwoman had died suddenly on the previous night Washerwoman had died suddenly on the previous night
in their house, at 13. Nelson Street West. An offioer of poliee visited the house, and found on a bed in the
kitolen the dead body of Mary Reid, a widow, aged 50 . The corpse was fally dressed, and in a half sitting
posture. No sipus of violence were st first visible, but ox exaraination of the honse blood-stains were diseovelothing in an adjoining apartment were found gadurated with blood. The brothers Barbour were at once arrested, and in the course of the day a po.st mortem examiagtion of the hody showed that the woman had
been riotated, and then murdered in a horrible manner She had been enghged in cleaning the house of the wocused. Morris Barbour, sged 32 , is a locomotive Foreman, and his brother Walter, aged 20 , is an assistant druggiof. Their object in calling at the polioe-office Fas to have the body removed by the authorities, They wera brought before the magisirates on Moxday, and remitted on the capital oharge.

## 

Colligion on tar North British.-On Saturday night the express train from Carlisle to Edinburgh engine of the express frain was thrown off the rails, and several wapgons broken to piecess
sengera wers ivjured Among thom
mont cereraly


 Collision on
poot. On Friday a
heath Station of t
belonging to the Che
belonging to the Cheshire and 11, , purd
into a goods train which was beinz s.
a few passengers were in the tra,
were injured. Tho damage to the considerable.
 from Sunderland and South the high-level bridue. Mr. H
of Messrs. T. and W. Smith, stea
out, and one of the carriages falluphiv, iniured.
The Fatal Colliston journed inquest on the body of Y . CR . collision which ocourred fatai imynis passenger train retarning from \& licaend conoluded last weot when that and
conoluded last week, when the jurg
of death by misadventure: but
Brighton company to lay down more the for the requlation of the tran
and New Cross, and to adopt the block tost
AbANDONMENT OF THB Watrezoo 40 IJ were sunk three wers aso in the Tham Hungerford and Westminster, for the panal Biructing a tuanel for the use of the lize pany having been dissolved. Out of ne of $160,000 \mathrm{l}$, the conapany has expender formation, about $50,000 \mathrm{l}$.
COLGISION ON THE LANCASHIRE AND Y Fins -On Madnescay alternoon, as the \&10 Fowinz ing the Bolton station, crossing the lines, ran into it with qreat mumen
cut it literally in two. One composite cut it heraly in two. One compasite ase and freman of the pilot-engıe jumpet at collision, and escaped unimur
passenger-train sustained serious
Mr. had to be removed to the infirmer?. Mr.J. Parkinson, oil merchapt, of Precton, wh
laceration of both legs and iojury to the pim Morana, sailor, of the United States, who er Addinon, factory operatıve, Opersham, whe rai daceration of his leps and severe co
Others who were injured but able
Mr. T. H. Winder
Mr. T. II. Winder, solicitor, and Mr. accountant, of Peston, both of whom sustanh from the Manchester evidence in the case of Mr. Chatsond
Lancashire and X orkshire Railway Compaos Comprasarton Case- At the Manchesia on Wodnesdsy, Mr. Chatwoor, the sal Torksurt
of Doiton, sued the Lancashire and Company for injuries sustained io a colliso plaintiffes forebead was cut by the rim of traveller's hat, and though no bad elle brain had been injured, and partal
It was stated in evidenoe that the an It was stated in evideno the plantit affected his mental faculties. His aversy Was 420 l per annum. The jur
for the plaintiff, damages $2000 l$. Mr . Footer, an accountant, recovered from the company

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|  |  | 6d. per qr. dearer. Arrivals.


| Englimh Irish <br> Foreign | Wheat. | Barley. | Oats. | Flour. |
| :---: | :---: | :---: | :---: | :---: |
|  | 930 qrs . | - $\mathrm{qrgs}^{\text {g }}$ | $18 \mathrm{qurs}$. | - $\mathrm{sks}^{\text {g, }}$ |
|  | - " | - " | - " |  |
|  | 23,590 | 1460 " | 5580 " | $\left\{\begin{array}{l}1440 \mathrm{brlis} .\end{array}\right.$ |
|  | 24,520 | 1480 | 5760 |  |

Manchester, Aug. 5.-At our market this morting English Wheat was held tor an advance of ls, per qr., and forergn 3 l . por contal, Flour was in some ingtancea $\operatorname{dd}$. per sack dearer but
langurally
last week's rates could not be exceeded in the little businens tranaacted. Onta and Beans were fully as deanr, while Indian Corn was about dd. per qr cheaper.

8EED Market.
During the part week we have had some fine showeras, which have inpmarted lifo to those kind of secds soom at this season: consequently we have a brik demand for Bowing Rspe at an
improvement of 2a, per qr. ; aleo an advance of 3s. to As. per
 rench itulan Rye grass, for present
Trifolfum 5 s. to 6 s per bag gad vance. In red and whito clover at presente but littlo is doing, the hish prices demanded having prevented speculative purchases. Trefoil $a$ little new French All kinds of bird sedf in fnir demand, at full rates. On the holders uro very conifident in the expectation of much higher prices as the season advances., Shaw \& Sows, 16, Water Lane.

\begin{tabular}{|c|c|c|c|}
\hline \& \multicolumn{2}{|c|}{ayerages,} \& <br>
\hline \& Wheat. \& Barley. \& Oats. <br>
\hline June $26 .$. \& ${ }^{46 \mathrm{E} ~ 4 d}$ \& 3285 id \& <br>
\hline July ${ }^{3} \quad 30 \cdot$ \& 48.9 \& 35
30
30 \& 28

27
0 <br>
\hline 二 17.0 .0 \& 50 \& 320 \& 260 <br>
\hline - $21 . .$. \& ${ }^{80} 11$ \& ${ }^{30} 3$ \& 273 <br>
\hline - 31. \& 519 \& \& <br>
\hline Average \& 434 \& 32 \& 27 <br>
\hline
\end{tabular}

W STTED, in an Olla-etablibhed Nuraery


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WANT PLACES.--Letters to be Post Paid. E XPERIRNCED GARDENERS or as GARDENER

whorma
WM. CU'RUSEK AND SON ber barderiers. bthat they


$\mathrm{V}^{\text {R. WM. PAUL bege to announce that he has made }}$


 To Cardeners and Balliff (Eead, Foremen, or Under). J AMES CARTMER AND CO. having many applcations Whil Eond $\operatorname{NAME}$ E, ADDREESS, and COPIES or TESTIMONIALS

 CIRNENER (HRAD),-Age $30 ; 17$ years' experience GARDENER (Hpad)--Married, no incumbrance ; ${ }^{\text {a }}$ Earry and Late Forcing, Fruits, Yegetables, sud Flower nnd Fitconen
Gardening. Three yenrs good oharactor from last emeployer.C ARDENER (HEAD)--Age 30, married, one child
 CTARDENER (AEAD)--Age 34, maxried; thoroughly
 Gf ardenis the (Head).-Age 28 ; thoroughly underForoing, Sove end Gragnhouso Plakto Mlower Rad Kitchon Gardop
CIAKDENER (HEAD) $\rightarrow$ Middle-aged, married; steady UT act.ve, thoroughiy practical in every branch of the profession not so much an object as a confortable elturilon. - M. N., 54 , North

To Noblemen and Gertiemen.
G ARDENER (HEAD).-Age 40, married, no family; Erectur of Nep Housees and Hotwater Apparatus. Tbree yoars good obaraoter.-R. T., The Gardena, Chlidworburs, sto Alber
CARUENER" (HEAD), -Age 32, married, one chuld
 teestimonaili and reforencos,-E. C., Mr. W. Linnes's, Oatlands Park CABD
GraDENER (EEAD)-Age 24; has a thorough

 (YARDENER (HEAD), or FOREMAN in a bientle-
 GARDENER (HRAD, WORKTNG).-Thoroughly experi-


 GARDENER (READ, or good Single- HaNDED).

(ARDENER (HrAD), where one or more are kept.
 CARDENER.-A Gentleman wishes to recommend his
 Honse, Wintecuars as




(ARDENER, in a small Family, where one or two are
 country preforred, -H. W. Y., Mr. Tuitergh, sodewood Lathe
(TAKDENER (SECOND), in a Nobleman's or Gentle-

## Tbetford, Nortolk.

## GARDENER (Szoond), where two or more are kept,

CARDENER (UNDER, or SNROLE-FANDBD).-Single

GARUENER (UNDRRE).-A respectable Young Man;

(TARUENER (UNNERS)- Age ${ }^{24}$; seven Years
Shepherd's Bushi, Loadon, W.
GARDENER (UNDER).-Age 19, aingle; served his
Bath.
ROSE FOREMAN (OUTDOOHE
ROSE FOREMAN (OUTDOORA).-Age 32; 15 years
FOREMAN, in a Gentlemans Garden.- Has had good

PROPAGATOR (Grikrall, InDoor).- 1 horoughly


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RAY BOCTETY.-The ANNUAL GENERAI. TL MEETING of the RAY BOCIETY wll bo bold at RXETER

## 非ome Nems.

The Court at Osborne.-On Thurbday, the 5th instr, the Grand Duchess Marie and Prince Sorge of Leuchtenburg visited the Queen, and remsined to luncheon. In the afternoon the Quepn drove out with Princess Louisa, Prince Archur, and Princess leatrice. On Friday morning the Queen walked in the grounds with Princess Louss and Prince Arthur, and in the afternonn went oat bin 1 moesh day the Queen held a Counchl, at which iscount Monck, Lord Northbrooke, and Mr. G. A. Hamilton were sworn Board Earlde Grey and Ripon and the Lord ChamberBoard. Lari de Grey aud Mor aba lain had sudienoes of Wuesl conerred of wish Whe Hail chairman of William Wripht, of Ji\&s er the Hav, chaiman of the Hull Dock Compsay. The Duk of Argyl was present as Secretary of state, of has ance of the Home Secretary. 1 we Queen with Princess Louisa, the Duchess of Argyll, and the Duchess of Roxburkle. Prince and Princess Caristian, and Prince irthur, visited Lord and Lady Henry Scott at Beaulieu Abbey. The Dean of Weatrainster and Lady Augusta Stanley leff Osborne. The Duke and Duchess of Argyll arrived on a visit. ()a sunuay The Queeu and Rngal famils attended Divina service a Whipprugham. The Rev. Georke Protheruotilisted and admanistered the Sacrament. On Monday morning the Queen walked in the grounds with Prinoess Louis: and Prinee Arthur. The Dike and Duchess of Arzyl left Osborne. In the afternoon the Queen drove out Princess Christian, Princess Louisa, Princa Arthur and Prince Leopold went to an amateur concert a East Cowes Castle, the seat of the Dowager Lady Gort in aid of the bulding fand of St. James's Church. On Tuesday moraing the Queen walked in the grounds With Priacess Louisa, Prince Arthur, and Prince Leopold. In the sfternoon the (queen drove out with Princess Chri-1 ant and I'rincess Lothisa In the evening Prince Albert of Salms liraunfels dined with her Majesty. On Wednesday mornag the Queen went out in the grounds with Princess Beatrice, and in the afternoon drove out with Prineess Loulsa, Prince Arthur, and Prince Leopold. Prince and Princess Christian drove to Shanklan, abd visited Prince and Prinoess Philip of Wurtembarg. This Juntge advocato General had an mudnence of her Majesty On Thursday morning the Queen weat out with the Prinoess Louise, Prince Arthur, and Prince Leopold Yrince Arthur afterwards took leave of her Majesty, on his departure for Canada. The Quear ami

Royal family will leave Osborne for Windsor on Thurs－ 1 Austria and Hungary，under one Sovereign，the King｜present a satisfactorn（Avoun
diy next，and on the following ovening will leave THy
Princeese prinder and Pbivcerse of Walis．－The Princess．under the advioe of Mr．Paget．Dr．Burcokhardt， and Dr．Hausamann，took her first bsth at Wilabsad on the Eth inst，Therr＇Royal Hizgnesses and the children
can take exercise in tha prizate eroundo to the lute can take exercise in the private grount of the hote
without being incommoued by visitors，and aro said to be much pleaced with the beauty of the scenery． Prince AbTrur arrived in London on Tharsday evening from Osborne，and loft town yesterday for
Brkenhead，whence he will sail this afternoon in the
 His Royal Hivlliness was last night to be the guest o expected that the Prinoe will visit，previous to his
embarkation，the ironclad turret－ship Captain，whiob has been built for the Royal Nuyy by Messtrs，Laird，， pool on this occasion．
 town on Tuesday for Warner Castle Which Frit
Granvile Las placed at their diaposal．Mr．（riad tonet
isatil is still in much Deed of ropose after the fatigues of a share of the labour necessarily dovolved on himoelf．
Ter Cabingt．－A Cabinet Council was held Monday，at the private revidence of Mr．Ghedtone， on Carlton House Terrace．
Pabilamritaby Movemberts．－A new writ has beon issued for Caithness，in the room of Mr．Traill， who has accepted the Chiltern Hundreds．Mr．James Traill，barrister，nephow of the retiring member，if at preaent the only oandidate in the field．The nomina－ dates are Sir Shafto Adriir and Captain Seymour，thio former in the Liberal，the lattor in the Conservative
Thi Bishopbic or Shisbbug．－Mr．Gladstone Rev．Dr．Moberleg，Canon of Chester，and Rector of Brigstone，in the 1 le of Wight，the late Head Master
of Winchester School．Dr．Moberiey 18 understood to bo a sound but tmoderate Hrigh Churchman，and to be ree from all Ritualistic tendencies．
The Brishop of Lundos will leave London on Monday next for the Continent，for the purpose of
administering oonfirmation at a few plaoes fo Germany， administering oonfirmation at a fow plooes in Germany，
and will be absent from England for a fortnight or three weeks
Ministririal Mòmbirnts．－It is understood that Mr．Masuire will suoosed Mr．G．A．Hamiliton es per－ rainent Secretary to the Treasury．This appointment
will create a vacancy at Cork．Mr．Stangeld，of the Treasury，is about to visit Edinburgh to inquire into the economy and efficiency that would reatult from the
various Boards now sitting in Edinburgh on the Por Law，Lunecy，and Pducation，belig plabod utder tho direct control and management of a Seoretary for it 13 expectod that Mr．Gladstone will oonfer it on Mr Bat tep．The report that Mr．Chicheter Fortescue ir ing Earl Spencer as Lared－Lieutensat of Ireland，is contradieted．

## TForcign．

Maiencer－The Emperor if alighty indiopewed，His Majesty held，bevertheless，on Wednesday evening，a prosent．His Majesty has posthoned his departure for the samp of Chalons thli todiay．The departure of the Empress for the Liast has been fixed for the essth Majeaty as far ase Corvina（pueen Ixabolla loft Parr or three weeks．The Eimperirr，on the eve of hor departure，pald her a visat whinht lasted more than an nour．The beralth of Miarshal Niet has becone worse． Gennuilit has been apponter Mitniter of War aed
 press oflences anmest the cailthan parmons＂muvectel of has appointed a comnu ittee of ten nimembers to draw olooted M．Rouher as 1 senatus Consmbtum，and has bean apposnted its reparter．In the Devienae has commitree on Thureday an amendment wes moved by should reject a bill whopted by the in oase the sataste raized committoe of sopted by the Legislative Body formed to sottle the pointi in dimputs．The Comett twtionnel of Jeatorday asserteg that the project of the merubar of the Comern to eleot henceforth anproval of the majority of the commitsion The action itgningt the Ductung，one of the M，Maltet，the manager，and M． Dormer to one of the Editors，were condemned，the 500f．，and the latter to iwo montnand to a fine of M．Gustave Flourens，who was wounded in a due！Inst． week，is out of danger．A duel with plistnls was founht of the Pams newrenaper delat Inthterie，politimal dire tor Editn Pams new－paper，and M．Gustave J auequet，chnef Editnr of the perple，of Marsilies fae adversaries Were placert at 1,5 pares：ona shot was exchanged，hut district，who took part in the recent riots has tormi Ioted．Sixty－fto were condemined fo izprisonment or torms varying from one to 15 monthes 10 other EPAIK，－It
ener arown to King Geners Prim intenda to othir projootgpain and Portag portural．Acoording

Austria and Hungary，of the yearr in Madrid．In con sequence of a fresh Carlist oonspiracy being discovered，
in Madrid numerous persons have been arrested， among whom are 3 priests and 17 gendarmess At
Burgos 30 pergone， 12 prieste，and geveral canons of the Church．have been arrested．Balensaequit，the leader of the C．rliet band in Leon，has been shot by order of
the sergeant who arrested him；and nine persons have been executed in Barcelona，without trial，on the mere suspioion of having taken part in the movement． I bayd of Carlista bas appested in Catalonia，but has insurgente being killed in the encounter．Tho Carlist eader．Cobecill Estartus，bas sinoe ororsed the Prench head of \＆band of 500 men．Other bands of Carlists are expected to entor the country fron differente point to have instruotions from the Thited Sutes Goreen ment to negotiate with the Spaushl fiovernment for the （eneral Prim and Marshal Serranis if Wuasinuller the represontative of Mowr filstimithat，has has frequent aud long interviews with Gene
Benor Ardnnas，the Minister of Finance．
Portooal－The Marguis Sa da Bandeira aunounced Ministry had tond the Chamber of Deputied that the accepted by the Kiag．The Duke de I culte was entrusted by his Majeety with the formation of a new treside which has beor cinstituted as follows．－ Duke de Loule；War，General Maldonado；Pinasnoe I．A．J．Brasnoamp；Public Worka，M．Lobrouvila Poreign ATrairs，3．Mfendez Leal ，Marine，M．Riboludo

Belatun－M．Victor Hugo is now at Brusela， paying a visit to his fumily．
ITBCLE
Marie gave birth to a princens．－The Grand Duohese Marie gave birth to a Princess on Tueday morning
ATSTBTA．－In the sitine of the Reidhand Al＇stris．－In the sitting of the Reichsrath Delega－ mates of the Ministry for Foreign Affairs，Count Beust，the Chancellor of the Empire contrad？ ated an avsertion that he had meddled with German affairs or Sxercisel any kind of pressure for the formation of a assertion that no alliancos whatever existed between Austris sad other European Powers but he nidded besides，a queetion whether Gearmany wonld help her if she required it．The French（io－ vernmont up to the present thime had alwaye cerely entertained kindly sympathies for all tho peoples of Austrim．Most of the disagreements with Prussia Baron von Werther，the Prussian Ministor in V，and was not an impediment to the establishment of better． of Austriat was the two tomethe－The true policy home．In the sittian of Tuescay，afler sererall ppenters had demanded the suppression of the Lexations in the mail German States，and the appointment of a Charg6 Beust made a gpeooh，in whioh he explained the neops－ sity for uaintaining the Legations at the small German
 were now taking up towards the Papal Govern－ ment tho same attitude as the Cathotic Power
The Austrina
Government The Austrian （invernment pran resolvod to
ailew
answer madhe answer made by it to the lat las Papal Allocution whe deeved in tone，though cour hed in diplomation terms．
 that the fact of the Papal prostu at the Courta of Vierna alknuficance．The proposale of the Commite politeal freas the Inagtions at Hamhurg，Intheek，Mremen， Othenbank，and istrunawick wore addepted All the hie diphanat，vervice mid the extraniluary expeodi－ the diverumion was olveed，and the extumates of the Monntry for Poreizm．Mfairs and Finance were asreed
 ministrires has beon appointed to draw up a Bill sub－ Which is to be onlarged in ordor to bring tham under

## itg guryenlanoa． HuNGARY．

 ing the frontier diapute with Rom inquiries reepent－ Orizy，in the name of the Gorerpment ，Horr Von Iiolation of the frontier had benen cominitrod by was sending The linamisian finvernment，however， frontier，a jurocreding whuch mander artillery，to the starces would loe met by the Ilunder，given circum－ with the reruisite encraptic actiong．The Govermment alterwards refusite entirsitic action．The Delogation



 Huggarians in Roumonis，and that the Government Whe now engaged in discl
Italy．－It is cemionficilly meted that Count Cambray Digny does not intmin to make any fresh
of Parliarnent．
Hossia．－A now autiferoun statom
 from Tenissoisk．
Gresce．－The discusion in thy
address，in reply to the terminated in the adoption of the oflde ti majority．All the country villas arke
usually oocupied from the month of ampty，in consequence of the gen enal Tile PHinctpaliciks，－Letters brig diminished，and is encouraged by Jom The Jows are non deprived of the some
the＇ir tralen，are disubled from acquiber and are not nllowed to reside acquirin？
Eovpt． contents are on Mondap．It is the cypected，aud that the viceroy mall Csiro on＇luesday，notwithstanding to bo presuestay，notwithatanding the annual festiva，of to pleare has cubuects step was atmbuthen to plosase bis subjects，who attach s inf
umportalies to tho splendour with which Yicound this ceremony． Viceroy will afterwards ro to lsmata to bo pa
morrow ut the lettiag of the watera of the pul the Bitter Lakes．
Prraia，－At the recommendation of
and Russian Embessies the Porte visionsl agreement with the Persisn imit tion of the Turco－Persian Cory line until for axpeoted from Loudon．
Indta．－Mr．Beton－Karr will go to Eio Oetober，and be succeeded in his posis 4 in the Druly Gazette from Peshaw Shere 4 li hat bean shot at and woundech Conflioting reporto are onupats aspeating treity of this news．The Delhi Gazette syjt lias been wounded wou of ats statement that $L$ $\boldsymbol{P}_{\text {roneer }}$ leciare tho news to be a of the astractions at Agra during the Doke burgh＇yisit in I anuary is to lo an ajustron operations in the isnanda coalfields have beea With the most enoouraging resulta One comal been discovered 3n）teet in thickness，sund of extent that it alone could supply
ways with fun for 30 years to come
CiIis $4 .-$ It is believed at Hone
 0 Mir Rutherfirsal Aloock that the Dulsiof R
 footing ol equality．Sir kutherlord Alcark pases mand en aff approfler ail Consul Gioson＇s acts in the of the Hong Kong Association a strong expit opinion was pronounced against the ramomil fibson from his post，The
have raturned to Shangai．
AUSTRALIA．－A good deal of discussion ylaces sume tho arrival of the last mat in the annolimement that the Imperial Pan been asked to vote Prinoe Allred 3000 ． sal lint the artwo in tha Austra kind，atad that when all the present otherr publu，parasorns are reckoned u of the 3 jowl can bo accounted for mokison
recelved the bulk of the gifts．The Victo
Imrlament was to meot na september of preserving meat

peon brought forward for paying tog
rasmania rich quarts dssooveries and be
 wia roportod and five privitea，and hound Whaporved that lok
Wint had NTarne－Ireowdent Grant a Fish have retarmed Admiral Porter has b

## Cabion is tuas ban

 <br> \section*{shall not be releasod． <br> \section*{shall not be releasod． <br> shall not be relessad．of Spenish gun－tonats}

## Cubsir

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a mark of ignorance, and a wanton insult $t$ the return of four Democratio and two representatives to Congress. At the tions on the 5th inst. Mr. Seater, Con There is now a Conservative majurity ture, and it 18 almust certain that the late Ir Avdrew. Johnson, will be returped to pe pendeon as their candidate for the ren. Mr. Pendleton immediately ion, General Turbee, Secretary Republicin Conmittec of Mississippt kom he rereived ansurances that the the Admunistration were on the side of
Misissimph. The President expressed Missis-ipp. The President expressed of Misusismi wern ton much connected
Rocrals. The leadreat press assorts that sexpression of sympathy with the Radical apply to the entire South. M Marisoal the apter, in presenting his oredentials to Pronade an acknowledgment of the great Mexico to the United States, for assisting don Thursday in consequence of the gitation of the question of subjecting bonds received from Europs. A serious riot Radical Macks and Democratio whites is
from Mobile, in which large numbers from Mobile, in Which large number Coolie labourers have been actually The eclipse of the sun on tbe 7 th inat. was Che eclipse of the sun on the 7th inst. was

Great darkness provailed : and in
Hest the sun was totally eclipsed.
ngreatiy alarmed the black population. parts of the crops in Western Canada to adopt measures to check the emi-
Canadians to the United State D.-The steamer Germania,

Hambura, was lost in a fog on Satur Trepassy Bay. The passengers and crew saved, but the mails and cargo, including in specie, "ere lost. Un Sunday the mutp Cleopatra, from Montreal for London, was med ared. Both vessels were totally loot.
Himm-Advices from Mexico stato that 10,000 wownua oi Juarez. The Jlexican ted against tho rot Commision for the settlement of pendup ad hosote of the Unated States
Mrril AliERICA, -The Government of Nioaraqua aired any ald that may be required by the mongineers for exploring the route of the proin eotive eruption

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The House of Lords on Saturday the Consoli verine lill end passed. On Monday the by commission to the lank and other Bills. The Commons
Habitual Criminals Bills and Habitual Criminals Bills and measures were agreed to. The Dute of sual Shools Scotland) Bull be considered. Lord ale considered that day three months' on the beat completelely Bill left their lordships' House it in rampletely changed by the Commons, and
jo of scollo to late to communieate with the Fol scotland in order to ascertain their winhes
tapect to it. Lurds MELille and SELitik avering whh the
that such hurried Mispainded not prove satisfuctory, Earl Gras-
Rouse that earller in the sestion athad thast the Committee in a siogle night, and Comp
 After wome oran, the motion was agreod to lh, the Commons were summoned gaing Parlanerlent, as followa the

 rave basis of friendship.

| II the tamon <br> Irts the puting an on 1 to the Establidinent of the |
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 ${ }^{4}$ Her Maj Hotracted labtours on the ninbjects of bankruptey ind im "The law which you have framed for the better go
of endowad schools in England will render the large resunurce and more efflemt for their importent "It may resaonably be axpucted therpose.
Vidion of habitual criminals will contribute further to the
"The measure which hing been passed with respect to the contarintir disereas of animalh will, as her Majasty belileves, and feeding cattle at home, without unneosessarily impoding the freedug of import from abroad.
"ny the repeal of the tax on fire insuranos you have met a of the duty on corn her Majesty sees new evflence of your
deatre to extend industry and commerce, and to enkarge to tho uttermost those supplies of food whech our insular position in
-Her Majesty trusta that the measuro for the
mound to faclit of the clectric telegraphs by the purchase and rapid, cass, and toe great cmmercial and aocial object of unworthy sequel to that system of ehbap postage which has parsed with ra
civilised world.

GEyTlusirg or cue House or Comyons -
 emablot ther at oatco to liquidate the charge of the Abyadiatan apedtion.
"Mr Lords asd Gentipars.

## Her 3sajesty refleets with pieasure that, in ret irning to

## notic

 esiflatitive aptitude; and her Majesty forvokes the blessing of or the public weal
The Lord Chancellor then, in her Majesty's name,
In the House of Commons on Friday, after progre
In the House of commons on riday, after progress had been made with the Parochial Dchools (soothand) Bill, as far as the 49th clause, the Government of India Act Amendment Governor-General of India, and Habiual Crimivals Bils were forwarded a stage. In Committee of the Whole House, a resolution was passed athorising the Admiralty to expend the sum or $10,500 l$. on astronomical observations, to be made in various portions of the world, in 18, , on the transit or vens, Mr. Chllders explaining that the oppor cunity would be a luost interesting ono for ascertaining the distance of the sun from the earth, and taat the expenditure would be extended over Ive years. Sir $\AA$. Pacmer called attention to the report of the Marriage Law Commissioners, and asked if th Government intended to introduce next session a Bil establishing a marriaye law as nearly as possible uniform for all parts of the United Kingdom, upon princıples of equality as between all Churches and religious denominations. Sir. BBECE admitted the scandal of having diferent marriage laws in the three would brine in a lill next gession, as they were already deoply pledged in the matter of extradition treaties, foreign enlistment, the Irisb land question, and educahe carlhest possible attention. Mr. J. B. Susim calle
attention to the report of the Master of the Mint ou
the coudition of our gold coinare, and asked if the Government ware prepired to recommend the sdop drantares of the International Coinare Convention of December, I8fo. The Chancellob of the Exceeqter, in reply, said that the gold coinaqe was in a most under our present system was enormous, for Mr. Jevons' calculation, H, (hen, (1)00 had disappeared aitozether from crrculation. Unlike other countries
 material brought to the Mint without imposing
mintage" or "seigniorage." As a result of this egular trade lad been established (the chief seat o世hich was at Brusseis) of micking out the heavies sovereigns and ruchting then down, and the 18 year
an average, a sovereign became so reduced in weight a to be no longer slewal tender, but we tomk no pann to half-sovereigns were not of the legal weight. To mec

Mis evil a charge of 1 per cent, shonid be made at the ralue of tha the cost of coining. This would raise the proosss of depreciation, which had now attained such extent that de cost of calling it in and reooining it ringe the Frach Mint regard to an international iece whe the coin a 25 ? gold sovereign, and if we were to take 1 per cant than our value of our soverergn for mintage, the value of the twe would about correspond. As the Spanish doubloo the American eagle, and the Prussisn Prederio would en nearly idennical wital tis est. pieco, the why woul nothine now to gronase hut enfilated in the country during the recess Mr H. Hoore complained of representations of crue convict prisom at Chatham. Mr Roosa, at the
HLikB gave paid to the prisoner in question, and Mr. Brece fon ted the asgurance be had ross the statemen the alleged cruetty was ver for the charge that the priener no ruth whatmanncled behind his back for prisoner had his hands II B. Sheridas all part of the railway companies in providing a means of ommunication between passenger and puard in epress trains. Mr. Brtare explained that the comthe lasy but system of communication to yet had time to apply a tock used rosolved itsolf inse Cor trattic. The House then the remaining inta committoe, and went through Scotland) Bill On Satomay the Candal sohools Land) Loan Bill On Satarday the Caneda (Raport's time and passed, The paroch, was read a third Bill, is paed The Parochil Sehools (Scotland) almost erclusivip to Smabiel iscussio, contined, and orderad to heren, Fobstre withdrew the Endowed Schools (No 2) Bili explaning that 1ts object was to extablist a Council independent of the Government, for examiuing and a hope that the subject would be ventilated in the recess. On Monday Mr. TT. Chamsers gave notice (ill all sity of some ohange in the Church of england, consistinto harmony with the feelings and to bring her more mass of the people the feelings and wants of the great Bill was Meopla, Parochial sohuols (Scouland) overal new amendmente, and was then read a thir time and passed. The Steam Bollers Iuspection Bill Was withdrawn. In Committee of the whole House Marine Law, and Mr. Mr'Larens brought in a Bil Bootiand. Lord ElcHo, in a house of eight memhers call the Government simet on beblf of 30000 minere prever a the invir bor accidents in coal mines. Mr. Beuck, in reply, said that he did nat agree in the necensity of a special inquiry, as the canses of all these accidents in a general way were perfectly woll known wrom the pren business it had been found impossible to legislate this On Tuesday the To take up the sabject nex session.
 (Soctinl B (109) A In reply to Mr. Mons, the Chancellor of the ExCHEOCER stated that no steps would be taken by the Government during the recess with regard to the new Coutto of Justioe. In answer to Mr. KinNaimD, the LORD-ADVOCATR expressed his regret at the rejoction of the Parochial Schools (Scotland) Bih by the Hous of Lords, and deolined gay absolute pledge for nex session, though he hoped the Bill might be reintroducel with eetter hopes of success. Mr Wednesday ir. Min the Government had determined upon introducing the system of religions equality into the island of Jamaios, and that the governor hadd been instracted to avoid, as fat as qoesible, even the appearance of eiving exclusito
favour to any one denomination. Mr. Vernon Ha COUPT ritro notioo for next scssion of a resolution for the abolition of the ratepaying clauses of the Reform Act. The House was theth summoned th tho Uppor
House to hear the Queen's Speech and the session was brought to a close with the usual formalities.

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## Monez Marker, Friday. - British Funde:

 Consols closed at 98 to 928 for Money, and 981 to 93 to 98 ; Bank Stook 244 to 2.46; Exchequer Bills,

 Nicolas, 6 it to 69. . 3 noccon, 814 to $82 t$. Turkish Five
 Illinois, 04 to 94:
fletropolis and its TVicinte.
THE AFTT Lord MAyor.-The in-health of Adermaul Whan is aumitted on all hands as a good resson
Why he sbuld be passed over for 1869 and 1870 . The
alderman next in succession for the Chair is Alderman Betley, who is prepared afice and will ask the Livery ou September 29 t return him
CHE RAR OF INDIA - On Friday the Companionship of the Star of India why confured by the Duke o sentuemen who bave beea receutly mouidered worth posed that the decnrathons sbould be bestowed in th midimately abandoneit. Only five of those to whom th honour hidd hemn assarded appenred in person at the
India Ontice on Friday to recepve their badkes from the Duke of Aryyll. They were Synd Abmed K han
Captan Meatows Taylor, Mr. Rinhard Prue Harrison,
 where tlie terretary of State haoded them their badkes, maoms afterwardx lunched together in one of the THE Of the Troran Otice bout halfopist 12, while the House of Cunmons was sitting, a loud explosion was heard in the enclosure on the east aide of the tower, near the Speakers landingstairs. The Dolice, on proceeding to the spot, found an empty canister which had contained gunpowder, and a sard and a-iald of fuse, which was on are at on into the Thames by a gentleman who happened to be on the spot. che canister, which would hold about a mischievously dropped from wipposed to have been the grase rlose to the bridge wall had tho appearauce of be us burnt
Gciave Dore in London.-M. Gustave Dore and Mr Blanchard Jerrold have beers raking a Keustmelon, alloog high and low, with the view to a great work on the metropolis. It is said that M. Dore as made a mont interesting coilection of studies.
ppointed to inquire into the present state of the laws apfecting the salmon fisheries of Eagland and Wales, and to report whether any and what amendments are equired therein, bave reported that "in consequence of the late period of the session, they have been ubable to complete their soquiry into the matters referred to them, and they have accordingly aareed to report the evidesce takell hefore them, and the recommend io the bext session of Parlisment,
Stnday Trading Buri-Mr. Thomas Huphes, men, wated on the Home Secretary on Friday, and presented a memorial, signed by upwards of 20,000 persons, complaning of the large increase of selling
 this subject helur. Pariamemp, and prayere that durims the recess her. Mise-ty's Minsters whild take the Government , futstion
New Royan Catholic Cecrce-On Thursday week the Coundation stone of a new Roman Catholic Church in Eder, Grove, Holloway, dedreaterl to the
"Spored Heart," was laid by Archbishop Manning. At the conolusion of the ceremonial, which was of so elaborate character, the Archbishop alluded to the obsage of publio opinion with regard to the Catholio religina, and argued that the current of feeling shomed and a Rradtual uprising in favour of unity practioen, which wranal lattimately bring this oounitry under the Way of the rathule Church The new church in to Eaklish stvia, aud will be of red brick, in the early Enklish stvia, aud will be of red brick, with a tower. thickly-populated part of IIolloway, and is to have lerxy-house and achools attacher.
London Baibur - The Court of Common Conuncil, at its last mertios, sanctioned a report from one of its Lmadori Bridke will be effertel. Thas step has been taken in consequenie of repeated complainta from
persons who are obligell to croas the bridye daily and persons who are obliged to "rroas the bridqe daily, and the most neglected public way in the cits, and Feport of the committee being brought up, as petitinn Londna Bridge Railways, urgina that further provision slould be made for the frot tralfic over the bridue. In scondance winh hae remommendation of the cimmthaved, the lathon repalced, the gatios and ralloge at the top or the seseral seta of atare remminted, and ot her trafic across the bridse whlt be enturely stopped fur 10 or 14 days duriog the progress of the works. New Finseury Pare-On Saturday Sir John politan lioard of Works, formally openel? an I Metroo puble use the new nark near Hornapy, wheh is to
bear the namp of Fimary intereat int a short thue, and appeared to excme litule on the southern ante of Whe Grenn, with the Musar House on the east and the whole park was yh, inul, in whe whest. The coot of

83 acrets, and the Gicren st, Jamesi $\%$ Park is barely
the new park is more than a fhird larger than either
anil is, in fact, next to Hyde. Regent's, Battersea, and Viptoria, the largest park in London. The designs for ay ing out the park, the plantion, and gardening opera-

 Wrotect the inventons that might be exhbited at the
Werking Men's International Exlubstion to he held
next year. Mr. Bright expressed bus enture symputhy next year. Mr. Bright expressed bis entire sympathy
with the ohjpet of tho deputatiou, and promsed to
 excursion of the Lomuden Workur Men's Clubs nat Whatchurch, Hampshire, the seat of the Earl an Comntess of Portsmouth, will be joined by a very larer
number of persons. Amonk the illubs whose members

Ciub, ('lerkenseli C'lat, (ireenwieh ('lub, Jackney
Working Jen's Instatute, Holloway Working Men's Club London Artisan's Club (Newman Street Peckham Working Men's Club, St. James's, Soho, Club, St, Anne's, Soho, Club, Southwark Working
Men's Cjub, Bedford Institute (Spitaliolds), Stoke Newington Working Men's Club, and Cliristeburch, Claphat, Club. The members of these clubs, together trade and co-opert join the excursion, will probably bring up the number mouth have expressed their readiness to prowide tea in Hurstbourne l'ark for 2100 persons, Sperial traina will leave Watarloo Station at 910 and 930 a 4 on Herbert, claarman of the Councal of the Workman Men's Club and Institute Cnoms, as well as many leading patrons of working men's elubs, will accompany the excurstonists.
The Condition of the Thayss.--The report of the conservators of the Chames for the past year was publisised on Tuesday. It says that the condition of the Crossness has continued to receive their anxjous attention. Repeated survers having convinoed them that shoals have been createll br the deposit from these outfalls, the conservators tu de a formal comulaint to the Secretary of State for the Ilume Department, and although no further decrease of the depth of water or
acturl impediment to the navization has yet been aotual impedıment to the havization has yet been
cuused, the conservators find that the deposited matter now spreads over an mereasumg extensive area the bed of the river, and thrs fact must
regarded with considerable apprehension as
 sumare of the metropman horti ut the Thratwes Cnelsea and the Iste of blogs. The extanmon of the syatem of steam-towing has made it obrions that the ohstruction to the navikation, caused by Battersea and Fulbam Bridges, ought no linger to be permitted. Without the authnrity of Parlaanent nn effectual imore be songht in the ensuing sestion. The conservators have not, they say, omitter any opportunity for improving tha condition of the wator. They have given refuse into tho been stopperd, and in many others non-enmplanion has arisen from the uncertanty su to the heat moxde of dispooing of tha rewage In nearly ewery rase the loweal authorities and others have now dreided to adrput some practieal scheme, so that in a short tume the ronserraard hope they may ho able to annoumer that sewake and oilimpurities no longer pass into the river west for the better drainake of the country near Orford, hy deepening and alterink the channel of the river, bit deepening and alterink thin channes of he ronservatora find it will be ofesary to obtain parhamentary powers to enable them to carry it sut satisfactorily
Mestivo on the Depersegd State or Truthe On Wednesday evening s meoting of working menn
was held in the Shoredtch Town Hall "tn take into consideration the present critical state of the colnntry, the depression of trade, and the general want of em-
plogment consequent on the importation of foremp manufactured goods, and to petition Partiament for commission of inquiry as to the working of cur commer-
cal puicy" The rhatr was taken hy Mr John Owen

 Rnd Mr Roas, all of shicon adveated a return th Protertion from then nwn and mixat asamine panst
of view. They oondemmed emigration, bectuse English men might be wanted to defend their country: and endernnert the l'remet "treaty, an the arount that 1 gave protection to Franee, an tho produrto of Fremen induster. They disapproved, in fact. of all mommeremal
treatice, and referrel to the examble of Imuram treatics, and referrel to the exaumpe of Amursua sidered no af the most alranerd countrimu in the worle protected the native manufacturers, or those whe souxht her shores, whin stringent prohibitive duties, in order that their own maduatries mizht not he subjeater trade, the merrease in the number of hankrupts, then increase of pauperisin, the numerease of emagkration, were Trade. Mout of the sprakers admettorinimites of from should be allowed to enter the kinadom haty free. but vame
duty should be levied, while all were anannome
denounciag a policy which gave to the forelom Inlvantave which was refused to our ore foremporem man azainst the arnstorratio owners ofled the ladde,
und, anid continued
antos





What ex
romivedy
lialse Weigits and Meastres - at the in persons were summoned lor having in on Tuschty licensed victuallers and measures. Of thase is licensed victuallers; beershop keepers, four, ohandler's-shop keepers, two; greengrocars, twe, chandler, one; fishmonger, one, iron merc faulter could not be fouses. The adjourned, ard of Proposed Frnian Demonsthatioy for sunday, the 20 th inst. "The committ advertsemens, "request that every intelligen the who hoves God and Fatherland will rals sontative of the several London districte will pin patriots. 'The latter will meet at the centra, puat of Irishmen and the noble daushter of E panied by bands and banners and outriders, whase proceed to the appoiated spot at the charmn interestugg village of ILampton. The names support and countename form a sufficient gum that the excurvion will be carried out in the trum undying sprsit of natinnality. Jts ohect mull make the influmne and the power of our countrm vimble in the beart of the enemy, sad to ralie upon Enclish soll that glorious banner mhise aravin over the crtardel of ime tyrants"

Fatal Explosion on the kiver - Oq Thu morning sil explosion occurred on the fiver, op the Custom House, by which three persone
 samenco of the ensumer, who had rone ashore fart, the boner suddenly exploded shattern into fraruments
neariy ? Wons, was driven
and the raptain and stoker wero bow Some portions of the budy of the stoser recovered, but thome of the captain bave
found. Cinsiderius the crowded state of t and the close proximity of the tug to olaer resse remarkabie that only one olher caserd the A recurred This was B, sallor on buard the hit on mirh infurnd that he ded snon alter Iiny's Hosplatal. If any of the murround
 pansenzera wuso unhur
 night tha Nortn (jerman Loyd steam: fand, on her passage from Bremen (i) Mary Bottwood, laden with flints from afhomer was cut 1 m two, and ank inw.
the maptati, who wis on deck at the time. by the Deutseliland, wheh stood by for un hour, but could neither see nor hesr any boy. It appears that the schooner Sam not put her helra aport, zecordiax while on the part of the steamer

## कhen if. was on late to avert the aocdent.

## 




## tealine from ham a golil Aleert clas a

## foulwich, and was wraceeding slong Kond, by Coombe

## amine tomaris bit

## Is makr

sunguni held him down, and, holdiar larye knife or dacger, threaiened

## 佂 HBspon Mrstreqy-As far back as June 28, Wo Hull, was found in an insensible condition mulb of the Midland Railway, at Crickle- Hendon. She was on the up goods line segn by a youth employed in the neighbour manged without assistance to remove her es train passed over the spot. Rumours ano rent being that she had been throspence, on the up-line, in the expectation that she cut to preces hy the next train. She was 3ary's Hospital, where some timo elansed  turns out that she had no fellow-passenger, but bobkg out of the window the door, which which must then have been travelling ut the from so to mas not assaulted by any one, sand that pot icto the carriage at any part of her journey. reasd to the bruises and other marks on her the medical gent/fmen stated that all of them toof from 25 to 30 miles an hour. <br> mot at charing-Cross station.-On Friday ciptain Bowser, of the 109th Regiment, o Ind India, tidew himself from the balcony of torm of the interior of the station. He was, of killed on the spot, his head being oompletely At the 1nquest on Monday it was proved depresion 3nd rapntal derangement, and the reurned a verdict of Temporary Insanity. One aesses ahd melanelinly atfir, to keepa dinner twith the deceased. <br> Mrimpte Mr'bDEE IN Southwark.-A daring ane misispryperated on Moncay attornoon, in the Mo, pist opponte the rictory Tavern, resides, Mr. than had gine out except Mrs. Peake and her 1 Bidadi Mrs. Peake, who was lying down in the back Hivan ws aroused hy n man entering the room,  ansu to lavetue room, but hearing Mrs. Peake ory nsbe returned and struck her down with another Wen, buen fractured her ckull. The dauphter, who  cuad *muy in bas hand. She rushed back, ani ariy whed whe door, ran to the window, and  (il) ed with a confederate who wns in follecman could he found in the neigh- 

 a Prolic Healin.- The weren. har lage tomns of the United Kingdom, 326 birthe and 3416 deaths were rexns london and in 13 other large towns of
Kingdom. The annual rate of mortality
 27 is Sheflleld, 24 in Bradford, 28 in Leed Paris the annual rate of mortality in the dion on tupugt 7 , was 22 per 1000 ; the rato in ura, 85 per 1000 during the week al children, were registered las ne number, corrected of 10 years, The arerave number, corrected for increase ondang the week were 16i30. It was the 31st sorrected for merease of population, was 1 1033.

## probincial.

 and hwe ocharger with ocining, A A detective
and found the dives visited then as a larze nulubler and on the persons of the

 Wha diseharged, 8 Cinom ('irtores allomara ('athol attueks upon the iomates ns had been attacked by round and from chapel, that on the ry itself had been attecked. Stones the tinwn over the wals into the
nere
uns to torn,t ithar by day or mot
should be stationed in the diatrict panal polioe office BradFondoned in the diatrict
R. Dixon Smith the Borough Court, on Wednesday charged with having unlawfuly quarry owner, wa imprisoned Miss Mercy Wood, who is in or falsel unsound zuind. An intimacy commenced between the prisoner and Miss Wood many years ano. She was a persol of money and property and resided until late time after her mother in Westgrove Street. Some she was subject to intervais of unsound mind, desired her to leave the house and place herself under their supervision and care, but she strongly persisted in reject ing all ad vice to this end. Oneday, whenthe matter of her removal had been the cause of some altercation and quarrel between Miss Wood and her brothers, the prisoner on coming to the door and finding it locked, obtained there , entered the house, and finding Miss Wood bave been more than four years ago, Miss Wood had been in the care of the prisoner, sometimes at his house in Infirmery Street, Bradford, and sometimes elsewhere, and all applications on the part of her sister to see her und speak to ber have been refused repeatedly. Latterly the newghbours of the prlsoner tave been sometimes shocked to see Mi . and it was throurh the garret window or the authorities that steps were at length taken to remove her from the prisoner's custody. On Frday, March 2, 1866 the prisoner received st the Bradford Banking to Miss banc a cheque for $454 l .28 .82$. , payable and next by Miss Wood, and \& tenant of Miss Wood had also pasd her rent to the prisoner for the honse which he let to her. On the 7th of July Superintendent Shuttleworth, of the Bradford police, entered the prisoner's house with a Warrant, and found Miss Wood in bed in the garret-a room said to measure 2 yards by $4 \frac{1}{2}$ yards-crowded with furniture. She seemod much reduced and emaciated, and was removed ot the union workhouse, and wses afterwards sent as unatic to an asylum. The prisoner held the key o the staircase leading to Miss Wood's gerret, an sears Two door to being of unsound mind. The prisoner was committed being of unsaund mind. The prisoner was committed
for trial, but admitted to banl, himself in 200 l . and two sureties in 1002 . egch
Canterbury. - The newly-appointed Archdeacon of Canterbury, Dr. E. Parry, in his first charge to th No Margy, delvered at his visitation a day ne two since, a
"Fews will bo found to deny that ins thanse dave there is In ger to the (linerls from withon and rithonat. We
 safity
wfith the
Church.
Devonport.-The Searetary of State for Why has aceded to an applimation that tho trina of prirnte the Central Carmark: last, week, chall talie phace as these Privato Dhxon, who shot his rorporal at Aldersbot, will also be

Domcrigstre. - Jonah Detheridge, who was convicter the recent assizes for the nurder of a warder called revett at Portiand wails of the vouaty ganl. During trial bis mudtert was bruthy handere and
visited him had the slightest effeet in bringing him to placed. After belag pinioned in thition in which he was to run up the stens of the scaffold prison be attempted attempt how his indifferenco, ht stumberd in the by nows, ma led to the scafold was picked u words ero a drop perfectly unmoved. His las Weslegan minister who had attended him, to spend Durian - The sits of Merer. some time doing duty in the convent in Framwell fore have departed in a body rithout asiking lesve of th proper authorities. An insufficient allowance of food the alleged ground of their desertion.
Honiton. - Great
torn during the week, in consequence of the ar aroce or the Rev. Prebendary Mackarness, and his family The Sundentleman had some Devonshire janket on Suader with his curate, the Rov. Mr. Littieton, Mr. C. C. Mackarness three young daugaters, a son, and two servants. On the following morning the rector was seized with vomiting unket pad and every one nise who had eaten the and the patients suffered sercrels, with the excention of severels. $\mathrm{F} p$ to Thursday, satisfactorily. Mrs. Mackarness and the youngest hig, who did not have any junket, were pig which ate the remains of the junket is expected to tie. The poisoaing remains a mystery. No suspioion of ioul piay attaches to anybody, and the poisoning is rpped to be accidental.
thencal of 5000 l has been left by The Dean or Durbam to the Nurthern Counties Titus Salt or morecting in this town, and Mr. ntus sal. of sataire, has since forwarded to the comsLem 10 chat lunatio has just come to light in this of cruelty to In consegura of inform Commissioners of Lunacy acc, a genueman seat by officer of the Leicestershire and Rutland Lunatic Asylum, several magistrates, and a police superintendent, visited a loage-house in the parish of sheepHenry Black old. with his hands fastened in front of him by handcutts and his reet fnciroled by manacles, oscupying a From the farmer Black it was elicited that the lunatio's name was Batley Wild, a relatife of the late Mr
Hikd, J. F , of Contock, Notts. He had been under Blark's care for 30 years, and pres ously in another
 charge, who was weil uourished, healthy, and clean
He as, however, never relieved from his oheins aleap or swake. When tating his meals he wa fastenad to a chair, and when he retired to bed at nigh handeuffs encircled his wrists. He has now been mal
MARGATR.- During the gale which blew from the W.N.W. on Monday nighta vessel, supposed to be a foundered a little to the eastward of Margate Sand head buoy. The name of the vessol has not heen ascer tained. It is supposed that the orew have perishen
Misexhye-rie coroners inquiry into tho verm dale Colliery exmosiou has been further adjourned for two months. This nelay was necessars in orier to clear the colliery of water, and to give increased in making thoroub examinatio the pit. The bodies pot yet discouered are also likely to be found when the water 18 removed. as far as the inquiry has gone the evidence shows that the manage-
ment was always considered remarkably good, and that the only complanis were an occasional scarcity of horses, coge, and raths.

EWPORI. - A confession of an extraordiaary character has just been made in this town by a boy named Charles Gritt, who says that he poisoned Miss Emily Collier, the daughter of Mr. Collier, oil boy, who was taken from the Industrial Schools at Ceerleon, gave the young liady some wheat Charles liad eiven her come wheat, nad that it taster wory nasty She was told to throw it the fire, which flame. In the evening the young lady was taken ill and next day a doator pronounced ber case hopeless paralysis of the brein having set in, and on the followang churaday she died. Mrs. Colier, it appearn. ath but no suspicion ever crossed the minds of the famly that she had been poisoned Mr. Collier had some choice fame thene in a very strange manner. The boy has now ennfessed that he got some poisoned wheat from the Crerlen schonls, wheth he gave to Miss Collier, nod that he also grve some to the fowls. There is no man was ill for a week about the time his sister died The bay absconded after muking the confession, but was soon captured by the polioe. On Monday he wha taken before the borough magistrates, when he expressed his sorrow for what had happened, am sam order to save what effect it would lave on a bumma being. He mas remanded for a seek in order to ubtan the borr hav sine heen retivmed. Obysinge -On Wednesday Lord Stanley presidod

THE GARDENERS' CIRONICLE AND AGRICUITURAL GAZETTE

Priplelsyon.-A ahocking murder has been perpetrated in this town. Kate dead body of a young Monday night in the canal, covered with wounds and bruises. Both arms were fractured, one in two places, the right oollar-bone dislocsted, five or six of the upper ribs on both sides were broken; and there were
bruises and internal injuries of a frightful oharacter, whises and internal injuries of a frightina ceatracter, present there is no olue to the perpetrator of the oulrage.
RYDE. - An inquest was held on Tuesday in this town on the body of Mr. Cornelius Grinnell, an
Awerican yachtsman, of New, York, who had come to England for the purpose of taking part in the reqattas. He had purchased at Cowes the steam-yacht Hawk, of 149 tons, and had reoently boen elected a member op the Royal Viotoria Yaoht Club. Mr. James Gordon Bennett, owner of the yacht Dauntless, said that he arrival at Cowes. He had seen him about three yeare ago in New York. He believed he lived in loondon, but he did not know his age. On the provious night he dined with deceased, at the Royal Victoria Yacht Clab, and left the club with him and Mr. Homans, about ${ }^{\text {offered to allow. the witness and Mr. Homans to sleep }}$ in his sittinin-room, ot 35 , Pier Street. They all three vent upstairs together. In \& few minutes witness went When he got to whe from ditor fo tocus a body lying partly on the pavement and partiy in the road. stairs, and said that Mr. Grinnell had fallen out of the window. He assisted in carrying the
body upstairs. Blood was streaming from the beok of the head. The deceased was quite sober when witness left the room. Mr. Sheppard Homans, of New York corroborated this evidence, and added that after Mr. Bennett wont downstairs the deceased had an impression that Mr. Bennett was going to look for another room rather than intrude on his kindness, and he said, "I will see; I will get out on the baloony." He then drew up the Venstian blinds, opened the
window, and atepped out. He disappeared, and vitness nindow, and atepped out. He disappeared, and witness the window. Seeing no baloony, the thought flashed scross his mind that he had fallen out. He looked out of the window and then ran downstairs and found the
body lying under the window. He felt the pulse and found it perfectly motionless. In his opinion death had been instantaneous. He was sure he was quite could convey it. Dr. Ollerd satid that he was sent for shortly after 2 o'clock, and found docessed quite dead, evidently from a fracture in the bise of the skull, and jupended to it an opinion that Accidental death, an unsafe condition and required protection. At the pressed on behalf of the whole Britigh comtounity and erpecially of the yachismen their sorrow at the untoMr. Grinueil has since then embalmed by the new Aransmitted to New York.
Salisbury.-On Saturday the Righit Rev. Dr Hamilton, Bishop of Salisbury, was comimittod to his lecessor in place, near the grave of his friend and preceremony was peculiarly impressive, sud both in the ceremony was pecularily impressive, sand in the cathedrat itself, a past number of persons were present to witness the proceedings. In
the city the tradesmen's skops were closed and business suspended during the time of the funeral. The Mayor and Corporation and 200 of the clergy of the diocese in surplices formed part of the funeral procession, in addition to the Bishop's own immediate Were the Bishop of Rochester, Lady Eerbert of Lea, George E. Eyre, Sir F. H. H. Bathurst and Miss Mathurst, Mr, H, seymour, M. M, Mr. E. Denison, M.P., so. The pallbearers were Mr. J. Brymer, the J. Wloyer, MP, and Lord Hestesbury ; the pall being of a violet colour, with a deep white border, and a large English oak, with a raised oak croos on ponsted at the foot of which was the followio ineoription,
ongraved undernesth s mitre on brass plate:-
"Gualterun Kerr Hamilton. S. T. P., Fpiscopus Salisburiensis. Obit. die 1 Aug. 1869. Abt. 80. Requiescat
 arohdeacons, sub-dean, prebondaries, minor canons, in the chour, the pastoral staff was laid upon it and the
usual service was gone throukh, the lesson being read by the Rev. Prebendary fraser, after which an anthem was sung, and a voluntary played on the organ as the procession passed into whe eloster-ereen. and bounquets
service at the grave was very touehing
and wreaths of flowers were thrown upon the ooflin by and wreaths of fiowers were Bounger members of the Bishop's family. After the servioe had been concluded a hymn was sung by played the "Dead Harch" as the procession thert the
place of burial. At the bottom of the grave there was
a cross formed of flowers, and around it, upon the ledge for the coffin to rest apos, were the wards " $O$, death
where is thy sting? O , grave, where is thy vistory ?"
SHaNELIN- -The ghoturesque thatobed public-house,
bult under the boughs of an old oak, overlooking the
Chine, from which it derived its name. was destroyed last week by fire. On Wednesday night, betpeen 10 and 11 o'olock, the back part of the roof was found to be in flames, which spread with such rapidity that no effectual efforts could be made to stay
landlord nor the tenant were insured.
SHEFFIRLD.--Another case of rattening has occurred neex this town. A soythe-grinder, named Kay, who was ratrened on the the inst, of three grinding bands. Kas is a nember of the Grinders' Union, and is not backward in his payments; but it is believed this is the cause of the present proceeding, as well as of his having been rattened about 18 months ago
Usk.-A few weeks ago a forgeman, named Thomss Roper, delivered himaself up to the police, stating that Jane Fiwards, at Lanbaddyoh, and threw her body into the Usk. It was said the police had got some evidence Fhich would corroborate the prisoner's confeesion ; but the grand jury at the Monmouth Assizes, on Friday, ignored the bill against the prisoner, who was accord ingly not put upon hia trial.
Wrasis.-The inquast on the persons killed by the Ir. Higson, the Government Inspector, called attention to his circular of January laft, suggesting discontinuance of the excessive use of powder. He put in another oircular on the same subject, asking the the evils oomplained of. The juxy then returned the following verdist:-
"We find that the exploaton the of fire-dame, caused by a

 occurred. We recommend that the conals be out on ono sydo and that all btasting operations be carrled on at night during
the absenco of workmon. We consider it objectionable for the 9 -feet air to retarn through the 8 -feet workings.
The coroner asked the jury whether they considered the explosion wha \& matter of accident, or wished the poin to be left open. The foreman said they wishe been taken dbout the oarity.

## 

RETURN OF THE LORD-LIRUTRNANT.-It was pro posed some days ago in the Romen Catholio journals to give Earl Spencer a signiticant welsome os his passing the Irish Church Bill; but on Friday morning on his arrival at Westland Rom, only about 50 persons were present. Among them was the Lord Mayor, who regretted that he had no addreas to present to his Excellenoy, but promised to call together the Town Council to sdopt one. Darl Bpencer replied that he would be happy to receitu it.
The Irish Church Confrrence.-The Standing Committee of the Irish Church Confersace held its final meeting on Wrednesday in Trinity Colege. A Was read announcing that all the bishops who attemded the recont meeting Were or opinion that it was no distasteral to a large body of ohurchmen. The Com their cordial concurrenco with the resolution passed by the prelates on the fth inst, declaring the desirability snd laity in equal numbers, and their earbest desire that that object should be ss speedily as possible carried out,
THI CHUBCH BiLI.-The Corporetion of Water ford last week passed a vote of thanks to the Premier The the suecessful passing of the Churoh Bill.
The Esyonde WiLL Cask.-At the adjourned Esmotide" wes the tria of the case of "Browne 0 The plaintiffs as executors propounded the will of th late Lady Esmonde, the principal bequest in which was sum of $30,000 l$. to Trinity College to found nection with it, to be called "The Grogan College". I Will be reoollected that the case was tried last year in the Probate Court before Judge Keatinge and a speoia jury, who, after a trial which lasted nine days, were discharged without coming to an asreement. Judge Keatinge having resigned, Judge Warren deolined to for the plaintifes on the first oocasion: ath in
 motions in Parliament in reference to Tnety
and other public ovents. Mr Butt addren for the defendants, and called as his prorim the Countess of Granard, who deposed toay io
prevented from speaking to her Deane, and that her mother showed Do mana her for changing her religion. Ibr Hotvemade, and the servants were called to sho was under the influence of those aroand bandoned the charges of upd for the dec Mr. Macdonogh replied for the phintifir Lewron, in chastiog the jury, confined their to the question of cspacity at the time of the
of the will. The jury, atter 18 minutar found $a$ verdict establishing the will.
The Orange AnNiversary -On Thomy 1689 took place in that city with unu was attended by persons from ali procession was of enormous length, and at $15 k$ stands of colours were diaplayed. a thran cathedral. in Which the Bie took part, and the Rev. Mr. Carpenter hear sermon. Latar in the day Mr. Johntom YP
presented with an address, s ash of hon presented with an address, s Bagh of ho
medal. Although great enthusiam wh The oolobration passed off in the mot onis
THE Fritas OATH.-A Dublin parer prop proferses to be a copy of the Fenimath, foust constabulary in a pubice-souse for agrarian orime. The initintod, after isary he will be "brue and loyal ${ }^{33}$ to the brothen giance to any Protestant or heretic Snvere prince, or potentate, and whit not be bous they magistrate or else." He also pledges $2, s$ ald in every way he ean any of the and, if a witness, to disregard any osth z " to him." Affer binding himsel or pursue to death any of the brotherhood ris? turn informers or traitors, or who may rete perform any duty ordered by his committee or bo otherwise to execute.'

Scotlanid.
The American Conetrita at Gumet consequence of the refusal of the Angliab Gores Amerioan Fonian, whom President Gres Motley has named Mr. Eastman. at preesps pending instructions from Washingto THE MCRDER at GBERNOCE-On Sontin charge of murdering Mrs. Roid, in the ho by them in Greanock, on Saturdsy Ephera
while alter Bain Barbour, his goung and charged with
other crimes.
(aflmays.
Warbow Jirgus Beoad GatGE-Thy Western Pailway Company have suspension of their trafio batwean Herefor bi from to-night till
The lie chverted from the broed 0 Che
from the 23d to the 31st inst
meoting was held at Silchester Erai
the purpose of promoring Men
warkmen
the subject was of great in
of the surrounding districia
he now asked the meeting
ing sympathy with the objects of Sir
M.P., and others; and

Following resolution:-
That it is the opinton of this meeting:

##   Hion ras seocodida by Mr Markk ，who wnoke  the reolution，and said the companies ar balf－past 6 o＇olock in the moroing evnily  uked to bring in a Bill embodying a proposal Metrupolitan Association that workmen Alould rurver－and，in the event of death，those who Wratinn in the event of accident．In the the Joord of Trude akreeing to introduce ：nys sll over the metropolis could then be to that it the Bill did not go far enough the anmd unautmously． <br>  Tuedidy night，as a goods－train was crossing a manger－train from Waisall to Dudley dashed  Wryine slong the line．The engine of the －7 mod injurued，but the oouplingo between it and Thaving，given way，the Latitor was left upon The eriver and stoker，having stepped into the roods－train cury beyond the shook： passengers were also injured．

## 建絃。

TETEx CiAct IT．Wemss，－Atteripted Wral Murder．－
 cit rill and trurder her，at Downhesd，on the 21 At ApHil
 2n Man il ste throw the tea into the fircplace．
 Ea whysus to chatann arsenic For the defenco，it was He cing rate，the fuct was well known to his wife，and mot den hersiff to get up a chargo agannst hims．I

 itc Langford，at King＇Lymn，on the \＆6th ul that she also administered poison to hor the leagistrates sent her for trial for the
Come was little deral that the rhild died face was little deraltt that the rifld dhed
f strychline，though instuad of its proving hours，as it usially does，the chitd lingered
It was urged for the daferce the 10 wtry harged for the dafence that there
 \} the prosecution, and the prisoner was er，and Suschmak Davy，hig－Wife，Were with intent to kill and murder him，at reaiding at Pakefield，near Lowestoft，and Desy，the manalleged to hive been polswhed，
of the male prisoner The two Davya had Yayes Davy of a omall legacy，which was whomgy，Who went to spend a few daya
weturn to hadderd over a portion of the y segepted from the prisoners a parcel of cakee animp puding，after enting which he became so ill that ben wetre declared that lie bad been poisoned．The －Wa we platnearke，rand Professor Taylor found on ik raviem un the stomach．Careful inguiries had been －－the tharbood as to whether asy puison had been Mrsuicrs，but they had been attended with
ibargertontily tat whito procipitate had been cathers．The prisonuors ware both Acrinthe
 pols，at Kilgwricted for killing and menr Chopstow，on the hureh，wand a scoceall farmer，residing with wat，the porssecsion of a g gin which me had roing to aked what he was going to do taternint，alluwed to have the gras，not－ a wert afterwards hearr，and the prisoner
shent the deceased，urd wounded a man
nnatis $n$ wia Irr mp place to piven to the polioe，and the
o＇clock in the
The the following morning，when the was
$\qquad$ Whether Julgo stopped the
found the prisonser Not fitalty，on the
Has Inmoristip then vordered the prisoner

if wat en Chect ir．Molv，－The Mold Riots．
Ionet， 35 ；the， 48 ；Rowland Jones， $28 ;$ Gomer

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| Foner 1aftrustell to hitm for when the soldiders were ordered oeceupied toore than throo hour and a Bair．Tho fory，ither consulting for quarter of an Hour，Aleywitud Rhohard Jooees <br>  for 10 yearm．The sentance prodiuood |  |
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## f1arketg．

## COVENT OARDEN－Ave， 11




 FRUIT．




Soctarines，por drea，in to do

 RGETABLEE

## Artichoken，great， 5 duz， 26 Mint，por l，unch， 4 d to 1 da 3d  







 BNGLISH WUOL
Wh beve had a quifet market，with，if anythlagis elighty The Arigut eales of Colomini Wool，somprefing about 210，000 bales，opened on the 12 th last．，and to itr appeat ike iy to obtain the best Fevo of the formor May end June miles， which，bowever，wore the lowent ev
so this ia notbing very eneormuging．



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& \text { Hial bred ditto } \\
& \text { Kent Fleeces }
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Rorta－Cluthung
Combing
LT：DIENHALK POULTRY，Wo
Tha Grousa sewson，judging from the supply of the first iay birds ane strong and in good flesh，bart thare arre good many 163．per brace，but the price was not maintained．


METROPOLITAN CATTLE MARKET．
We have a fow more Beants thatro on Monilay last，mul trade The suppiy of sheep is not quito so large；the deuand，how－


THE GARDENERS＇CHPOMTCT：AND AGRTCTLTURAL GAZETTE
conmstan of 2334 Benate， 8890 sbeep，and 234 Calven，from
1rolend there are 250 Beasts；and votu from Norfolk and Suffolk．
Best Elote，Here
a．d s．d
Put Sher－ 50 to 54 Do，Shren

| Begt Shorthorns | 4 | $8-5$ | 0 | Ewes ed edquality |
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| 2d quality Beasts | 3 | $0-3$ | 8 | Do，shorn | Bagt Downs and

Half－breds
Beasts， 4628 ；Sheep and Trimbra， 27,500 ：Calves， 287 ；Piga， 100. Tuorspay，Ang 12.

 very hat fur them，Calves on thie average aru lower our
forcign evpply consiata of 303 Beasts， 3460 Sheep，and 498 Calves．
Best Scota，Here－b．d．A．d


METROPOLITAN MEAT MARKET．－AUg． 14
Best Fresh Butter

MARK LANE．MONDAY，Aug．
There was apain a very small appply of English Wheat at this monning＇s market．whicls was enld at and arvanco of
 tranacted in forism at the mame improvement．Bariey was good demand at 6．1．per ar．nore memey．The top price of were 18，to 2 s ，per Eack，Americen 1s per baitel dearor．


## 二 二 Talavera．．．．．．．．．．．．．．．．60－62 － Norfolk Forign <br> Batley，grind．tdist， 28 go 3 3．s．Chev， －Malting <br> OATs，Gatax bud Suffolk <br>  －Fru．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．38－40 Fed Foreign BEAKE，Mazagaig <br> －Pigeon ．．．．． 45 to to 48 a ．．Winds．- Iongpon Pras，WhiteZssex，and Kent．．．Bodern 10－42 Egyptian <br> －Maple 418 to 458. <br> - Ed ditto - Forcig口 <br> 

We lave had changeable weather since the eth inst，come days having ben very wet，and the temperature low for the time of year．Harvest work has made but slow progreas the Wheat crop betng more unfavourable than of lute，tho been ustalshshed in must of our loading markets，partly by speculative purchasers，but we did not nutice any excitement． The value of Barley has not undergone any quotable change， Oats were the thry darer．Benas and Pens met a fuir dernand， st an improvement of 1s．per qr．Flour brought an advance of 18．to 2 s per pack and $6 \mathrm{~d}, \mathrm{t}$ ）la per barrel in many of our arrivnls of grinin and seed laden vessels off the const thin week consisted of 16 cargoes，of which，with those left orur froms last week，there renained for sule last night 12 cargoes， The flaativg trade has been very firm，and an advance Wheat．Maiza has also improved about 19，per qr．Barley continucs ateadg．In cargoes on passige and for forwayd
shipment Wheat bis beeu bought at an improvement of from is．to 3a per qr．Maize shows an advance of Grl，to le，per qr．
Rye has met with Rome inquiry，and Barley remains steady． Paris，Aug．12．－－Wheat has continued in demand at improvirs，
 The arrivals of Englich grain during the week Inter been mone．There was a fair attondance at this morning＇s market， Yonday＇s prices，and a modersto amount of business was
trumacted in foreign at a similar improvement．Spring Corn
of nil deacriptiona was rather dearer．
 LVEERPout，Alzivat 10 ，Wo had a good attendance it Trom 7 d ．to \＆d．per cental on red，and fully 6 d，per cental on Fhite deacriptions．Flour in gond request at bd，to ls，per of ls，per qr on the week．Pears firm，and rather de．ter 1s，per qi on the wecic．Pcas firm，
Oats aud Oatmeal steady Beans firm．

## REED MARKET．

The prat treek las wifnessed the inat touch given tos the in itrade passeage throwsobsorbed in watching its cars ang changes have confined their purchases to the sowing requirements the present moinent．Now that it has nassed，it is expecter a revived denumid will easue for all descrintifor of clucrecte moetu agricultural soeds the now muat in hand，and the very thin piant from which cxtremely firm in their demands，so that of yearling to be would ltid tu enhanced rates．The onu alterate note during the weok fan andvance of 1 B ，to 2 a ，per buavel
.

White Mustard，and to pote that all seods required for presen
sowing are in good denand at very fill rateg．
John Shaw \＆Sons， 16. Water Lane．

NTED ROREMAN a middle－aced matried Man，without children，who can bo wrill rocommonded IIo
Wave to look after the Men，Housen，Rnd Fires Wates，lise fer

IV

 under B Foraman．One accustomed to Grow for Marle
ad．－Mr TANTON，Epsoro Nursery，Epsom．Surrey．
WTANTED，a Mo the Seed Trade．

W ANTED，ns SHOPMAN，Ret，ill，a thorougbly ripe－ pormnnent．Shate Where mat emploved nid salary rovil red to
WANTED，a YOLNG MAN，who thoroughiy
 Areeding of Poultry
Eouse，Dut mach，S．

WANT PLACES．－Letters to be Post Paid．

E
XPERIENCED GARDELERS（or as GARDENER

$\mathrm{W}^{\mathrm{M}}$ ．CUrdonorr ana Mad cardeners．

 telected．Figbyate Nursersen，Londoa，N
R．WM．PAUL begs to announce that ho his mande




## 





CARD ZNER（HEAD），－A Clergyman strongly
 （ARUENER（HEAD）．－Age 30，married，one chuld branches a ；in ulsough prath versed in knowlodge of Gardeniag in and it

（anderstands the professlon ta all its branches；naloo thi



 Cheshire，is at liberty tn treat With auy Lady or creutlerman requiring
the earyces of a ecientildo prectical Gardener．－App．y as abore． （AR1）ENER（HFAD），－Age 39 ；thoroughly practical Words if reary brinch Two of che profension，understinhis Land an






（A Alint．NER（HEAD）－Age 39. married，no 1 ni um－

（TARDENEK（HEAD），－ige 2B，hay a thorouz！
 nhalf vasta excelent char teter from last emplojer，EE B．，Post


（TAKUENEK（HEAD），or FUREMAN in a isentle


（IARDENER（Hzal，Wolinino）－Aze 34，mafried
Mr．Cent＇s Colchentor．



VANigiva forbil


TROPAGATOR
Heallogbam，Essucx．



MPROVER in To Head Gardeners．


## IPROVER．—A Youtg Nurserymen．

 desirous of experience it the Garden Waxe pu：$\omega$ ，

 To Landed Proprietors，Land Agents，and A


BALII WF ${ }^{2}$ Marich，has hut whi

WHOPMAN or CLF Fid
HOPMAN—Respo geedsmer
good charroter from hast siblat
To the gead Trade HOPMAN，－A competent Pers $G$


## an Catmentyg Chtomite解的guaper．

SITCLDAS，$A U G U S T$ 21， 1869

pestractible Terra Cotta Plant Markers．
 ABLS，LTABRLS．－PARCHMENT or CLOTH
 CIISTONS PATENT GLASS BUILDINGS for
 －Hhan H．J．GROWTAOM Hanager． HIVTMTER APPARATU8 of every description，

mins sup sons．S5，King Streot，CDeapsplde，London，EC
IBTUS AD KING，Ironfolndehs，Hot－wathe

 bat mistes and linins firulshed on appe ceation．
IT PAXTON＇S PATENT HOTHOUSES for the



$H^{\circ} \mathrm{T}-\mathrm{W} \quad$ A $\underset{\text { CASH }}{\mathrm{T}} \underset{\text { PRICES }}{\mathrm{E}} \underset{\mathrm{R}}{\mathrm{R}}$

Wentill bogree when Pipes，to ，aro involced dat the above prioes．

W． Heating by Hot Water．
${ }_{\text {31，Bunkstde，S．}}$ ．Iron Mercrant，

114 Goods of Cashb romittance with ortior．
mane ken，add orderapunctually attended to the same day
PIT．TWATER PIPES，EAVES，GUTTERS，O－GEE ThALF ROLND ATd CONNEXIONS，HOT－WATER PIPES


## W．н．Lasogllego machine－mabr 



 Finsbary Stenid $J$ unery Worke 18t，Bunhill fow，RC
$J$ AMES WATTS aND CO．，Hothoubs Betridzes and ine Wate Arparates Manturactera


200 CLCLM位R and M，Joy Iboxes and or tmmodinte use，menef and seot en al Parter complote，rean

Roferences to the
Latest Improvement in Eeating by Hot water．


THE IMPROVED CONICAL Boillers for heating
INEMIES，CONGFRYATORIES， GREENHOUBFS，MANSIONS， halas，wareholsea，a holeho maxitactilued at manes g botlard
 his，Winfestbury Strebt，New North nend，London， N ．
Anuced bletch whow Jayk 0 ， PoLliARD＇s improvod arrangen
quitríg no brickwork Thene Bollith ary also adaytelift

H ${ }^{0}$ T．W ATER A P P ARATU



 geription and mize．

LINCH WHITE．
Old Barge Iron Wharr， F perer Ground streot，London，S．E． Price List on applention．


T OUNTAINS，ROOKS， FERN CASES
AQUARIUMS．
Mrectionily made fromed tho mosit
 End patrontuod by tho ville de Ead patront
Manufactired under the
direction of Messra，NADAL，


Vases and Fountains，for the Garden ana
 Lithoprappled Sheoth of Deelges nind Price Listak potif frow on application．

Caution to Gardeners，－When you able for GAYNUK AND COURE＇S WARLANTED PRIZE







 Every Corte is branded＂R．Fillis \＆Som，Rithit，nnt everr labol

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1）That beot remedy for Acidity of the MAGNESLA．－ Heedrache，Gont，and yndiseation：and the beat mild aperien for delleate


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CMRNTS fot the Filat AMBICY＇I Nititil îd

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THE MANET，Which hat now hen Mowapaper in





## Linnear Soclety








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$\mathrm{R}^{A Y}$ SUCTRTY＇ 8 \＆BCON13 VOLUME for 186 s

 ROBERT RARDWICKE，IEQ，Moovilly，W
I）${ }^{\text {R．OGILVIE＇S RNGLI8H DICTIONALI }}$ S
DR．OGIL，VIE＇S STUDRN I＂S DICTIONARY．With
 within troderate compan．－Ogpectiterit．
）R OGILVIR＇S BMALIARR DICTIONARY for



Laying Down New，or Improwitg 01a，Grasu Lanas ＂PERMANENT PASTURES，＂a New




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Departirbe，of tife Cotert for Smotand－The Queen and Royal famsly，accompamed be Prinee and Castle at 10 minutes before o occlock on Thursdor evening for Dalmoral．Mer Majesty mas expected to arrive at Balmoral about 3 oclock yesterday afternoon． Earl Granville Secretary of 8tate for the Colonies accompanied the Queen as Minister in attendance upon her Majesty during her stay at Balmoral．
THz Court $1 T$ Osborse and Tindsob．－Ot Friday his sarene Highena Prince Gouth1er，of Saturday the Grand Duke of Saxe－Weimar and Prince and Princess Philip of Wartemburg visite her Majeaty．On Sunday the Queen and Royal family attended Divine service at Oilorne The Rev．George Prothero officisted．On Monday the Iamilton had an interview with bor Majesty．On Tuesday morning the Queen went out with Princess family left Oshorne for Windsor．On Thureday Ear Granville arrived at the Castle，and had an audience of the Queen．The Marquis de Lavalette，the French Ambassanor，and Don M．Rzaces y Vilsnueva，the French Ambassador was introduced to her Majesly by Earl Granville，in the absence of the Rarl of Clarendon， Secretary for Poreiga Affirts，avd presented his credenials．The spanian Minister was redecessor．s letters of reall，and lis own credentials as Minister Plenipotentiary．
The Princes and Princess of Warms．－It is expected that the Prinoe will retarn to Marlborough House from Tildbad on the ant inst，and leave on The Poliowink day hir ． their residence at $W$ ildbad till the third week in September It is rumonred that the Prime wall visit Cliester at the opening of the new town hall．
Princr Artitr embarker on Saturday afternom at Birkenhearl in thin City of Parsa，screw steamer，for Canada，to join the Rule Brigade．
THE King of Sw biden is expected to arrive on Deeside at the end of this month，on a visit to the Prince of Wales at Aberkeldie．
Pabliamertary Movehrits．－The Adtrim elec－
tion termnated on Thursdiay in the return of Captain Seymour, the Conservative candidate, by a majority of
 vacancy for County Thmerary, Mr R. Bagwell, son of
the member for Clormel. anif Mr Munver, of Caskel, are tuentromet as prolsh man fidales for the rarant


 time on Thurndiy. If consi lerable amount of evidence
was taken, and tuo proceoding are expected to last a fortnight.
Plee Channisl Squadron is under orders to leaye cruse the Admiralty far $\overline{\text { mall }}$ be hoisted on board the alty will be acoompanied by Vice-Admiral Sir Ay dnes Dagres, Captain Beauchamp Seymour, and Captain
Willes. Illenew of tre hiviop of Litiafiels, The
Bishop of Lichfield held confirmation services at Bishop of Lichfield held contirmation services ath
Glossop and Hay field on Sunday, and intended to proceed to London the same evening to attend his brother's funeral on the following day, but was taken so ill that he was obliged to remain in the neighbour-
hood all night, at Bank Hall, Chapel-en-le-Frith A hood alt night, at Bank Hal, Chapel-en-e- e-rith A the attendance of Mrs. Selwyn. The nature of his lordship's illness has not transpired.

## foreigut.

FRANCE-The fites in celebration of the centenary of the First Napoleon's birthday took place on Sunday,
and passed off every where throughout France in the most satisfactory manner. An Imperial decree, countersigned by all the Ministers, was published on
the occasion, grantion a full and complete amnesty for all political crimes and misdemeanours, all offences against the press laws, all offences aqainst the laws
respecting coalitions and public meetings, aqainst the respecting coalitions and public meetings, aqainst the
Custom House, indirect taxe, game and fishing laws, connected with the service of the National Guard, \&c.
A special decree of amnesty was issued for desertars A special decree of amnesty was issued for desertars
and refractory convicts; another for deserters from the and refractory convicts; another for deserters from the tions of the merchant service Upwards of 1000 soldiers and Arabs, condemned by court martial, bad the remainder of their termof punishment eithercommuted or remitted; , and the like clemency was shown to
1629 convicts detained in the penal establishments at 1623 convicts detained in the penal establishments at
home or in the colonies. Au extraordinary distribu. tion of crosses of the Lregion of Honour snd medals of military merit, even to members of the Thers party,
Was also announcerl, but they werelittle regarded in the presence of the ammest ic, that lishtene i on many hearts,
and evohel espros.ons of satisfactron, eveal from the organs of extreme democratic opinings, who regarde 1 it as an effatement of the policy of the past, and a
pledge with respert to tho future. Mashal Niel, Minister of War, died on Friday vight II funeral, which by an Imperial decree was conducted at the expense of the state, took place on Tuesday in the
Church of the invalides, amid the imposing solemnity of a grand military and ecclesiastical demonstration.
The weather heing fine, a great concourse of people lined the streets in the course of the procession. The Emperor was represented on the occasion by the Prince de a Moskowa and the Duke de Cambaceres, the Marshal, who headed the mourners, were followed by numerous deputations from the army, the magistracy, The Senate, the Corns Léglslatif, Council of State, \&e. M. Rouher were among the pall-bearers. General Canrobert commanded the troops, who numbered 50,000 . The Archbishop of Paris pronounced the absolution. rheumatism, which prevented his visiting the $C$ amp Chalons on his fate day; but the Prince Imperial representative 'in Sunday a grand nul' tary math was reprebented, after which 30,000 mend mill tary mass was Prince, who distrihuted medals among the soldiers. expeoted that he will visit Chalons on the orth inst on which day the Empress also will leave for Lyons A Council of Ministers was held on Wednesday morbine, at which the Emperor presided. Itis rumoured Wit this Councel to surceed Marshal Niel as Minister of for. It is said that gueen Irahela has finally resolved to abdicate The Frenk h covernment have nuthorised marine cable between Brect and England, and has also authorised direct communication hetween England and Amprica by means of the French telegraph. and Lugiand the French sperial cable between Brest exclusive wire to Brect, by way of Newhaven and Dieppe. The Imperial Court of Appeal gave judgment The Court declared that the Tribunal Immobiliere. had no jurisdintion in the Tribunal de Commerce judgment passed by that tribunal. The Court deolared for the winding cause at present to make an order and dismissed the petition Sociéte Immoblière, The International yacht raoe for the French Emperor's cup terminated ou Tuesday, the course hy the Guinevere, belonsing to camack. It wha won
the second being the Egcria, and the third the American yacht, Dannthess Bennett, which camo in about three hours after the winner.
Spain. -The Canon of Mila, three priests, and other
Cirlit have heen taken rrismer in the neighbour-

day. $\frac{1}{}$ witlespread Carlist Conspiracy lay been discovered at Valladolid, and numerous arrests have
been made. Fears are also entertained that serious disturbances, incited by the Republican party, will Republican Deputies, cries of "Long live the Republic!" and "Death, to the Monaroby !" Were raised
by the crowd. A yunour is ourrent that a consnirac'y has been dis overed in Madrid in favour of the Prince of the Asturias. Mr. Forbes left Madrid on Saturday for Amrrica; but it is said he will rettorn to Spsin on the papers deny that any negotiation* on the sulject of tho
cesion of Cuba have occurred between Mr. Forbes and the Spanish Government; but, on the other hand, it is should be restored in the island before taking the proposal into consideration. A murderous attack was made on the 20th ult, by the rabble of Lorcea, on Mr. fessional duties in the locality. IIe was qutietly takin his evening stroll when the prpulace rushed upors ing his instant death on the ground that he wee one of a class supposed to be kidnapping and killing children electric wires. It entrails, to be used in repairing by poltical reactionaries, and by parties interested in the larsuits which Mr. Jencken was conducting.
Belarum.-A great banquet was given on the 12th inst. in honour of the Farl of Clarendon, at
which the King and Queen of the Belgians, M. Van wer Stichelen, General Renard, and saveral other prons the King and Queen left Brussels for Switzerland. Prussta. - Baron von Thite, Under Secretary of State for Foreign Affairs, on the 1th inst. published note denying the statement made by Count Beust
before the Eungarian Delegation that his endeavours to promote an amicable understanding between Austria and Prussia had not been favourably receved by the atter lower. It also rharged Connt Beust with the intent to kindle war between the two nations, and to
lay the onus of it falsely on Prussia. It is not known whether this note was written with the knowledge of Count Bismarck, who is still in Pomerania. The Olficial Gazette of Friday publishes a paragraph, in nowspaper of an alleged oorrespondence between the King of Prussia and the Emperor of
Austria in June, $19 i f$, is designated as a paltry
lint few week, and, indeed, durins thi las few
personal correspondence pessed between the two Monarchs, and the idea suggested in the forged letters ailuded to, of a joint altack upon France, has never been mooted hy Prussia, and not by Austria since 1850 .
The North German Gazelte publishes a senu-official article refuting the attacks which have appeared in the Corresponance de Rome in reference to the Bafarian Minster, Prince Hohenlohe, and dewlares that all the Governments of Northern and Southern Germany are Counced as their attituce towards the sta that the decisions of the Council should imperil peace between the temporal and sniritual powers they were thoroughly and completely determaned among themselves to resist all encroachments of the Holy tea, The Berlin Committee has received subscripof erecting a monnt of 5186 thalers for the purpose boldt. An extraordinary aceno occurred on Sunday, the 8th inst., in the cathedral of Berlin, in the presence of a numerous congregation, including a tanding before the altar, reriting the Behef, when a cung man, palled Buland, rising from a front kent, breast, with the evident and avowed intention o kitling him on the spot. The assassin was at onc had beea eduate into umbelief and at enterkained doubts which ripened that there was no mode of testifying to the conclusion imposture except the murder of a very act of 118 publio ministration. Thelull h the , missed its aim, and passed into the music gallery,
frestran- - All the Vienna journ be
party they belone cornan party they belong, comment in terms of diappproval on was fiven to Note of Ausust, th, in mbich a denial was given to Count beust's assertion that his
endeavours to promote an amicable understanding between Austria and Prussia had not been favourably between Austria and Prussia had not been favourably
recelved by the latter Power. The Vienna papers recevced by the latter Power. The Vienna papers without precedent in diplomatio intercourse. The New Free Press publishes the following dispatch of Count Beust, dated the 15 th inst, addressed to the Arstrinn Minister at Berlin. This diapateh 13 a reply to that of Baron von Thile, of the 4th inst.:
Thile, of the 18 the of July, the former dispatch of Baron von
 subfcient, gilthongh he le absthinned from writing in opparded to


\section*{

The Reichsrath Delegation on Friday entered o Weneral discussion of the estimates of the paraled
Delealed to the patriotism of the men Delegation. He stated that the preserva wefence remained antouched and werenot detencer reminnedso dectared that the wor been attributec to the Emperor Napoleon nut unite himself to a corpse lad never be that Sovereign. The general
sitting of Saturday the Minis sitting of Saturday the Minister of War m
in which he commended the organiation in which he commended the organiaation
from a political, constitutional, miltars mical nomt of view. IILs personal it would be impolitio to effect a redistic army, sull less could Austria take the lead 8tep. A sixth battalion having bced addew regiment, the araly was increased by 90 hat
that now a force of 500,000 to 000,000 weld men, ready to march, courd be mmedrat out. Notwithstanding this the number or mea under arms was excessively small. In the 'lucsday the ordinary and extraordinary naral were adopted in accordance with the prophe- .
the committee. In the sitting of Thursday the ent for military pensions and penitentares were 12t in accordance with the proposition of the Cnnit A lively delate took place on the questostion the proposition of the minority, to the evel amount should be voted for
HENGARY. The movement of Rouman.an to which took place recently in consequedec rontier embroglio was not ordered by Ministry, but was the work of an over-2ealonary Roumanian Boundary Commission, where it, प1 1. will meet with a peaceful solution
IUUSSIA. - The Emperor and Empress of $\frac{R}{2}=\bar{A}$ With their children, arrived at Odeses
morning, and proceeded immediately to Lrsa Crimea, Prince Charles Odessa from Buaharest on Monday mornuag, syd f ITaly.-An Italian countess, of north of Italy, the Contessa Arma Ribrandi Cattaneo da No

## apart from lier husband,

## everal fipes, where she

## Lieutenaut Nexrr, made

IIs reason, it is stated, ras, that
to write a letter to her friends
andlord, hut deemed it prudent after thas o leave Naples.
panied her as far as Caserta
had no longer any fear.
Isoletta, che station found Jying on the asrriage, a revolver at her feet, a pud an hy glass. On the following morning a man thy giass. On the following morncas
torn and bloody, with several mentioned. Advoes from Monte Videe anmonner
Mat e, and told a falso story to two fightiug. Carabelio, the leader of the msurfectiounry Surie havimg submitted to ther authont' nesurectiodary
 'nited States' Munster Pemunuent ary athended the
dedication.
or nuavazed to introdure inmself at frends had how he left the trai, perhaps niv, nor how he left the train, but the after committing the rourder. his neck, it is sald, were influcted
arke harr-pin. The last important Car. Fiorelli at Pompeii is a curious then the Curcing wis surrounded by
pretare, of no value as a work of art, urned to acuount in future excavations. in the frst electoral district members arcl. P of the Government, and the been -ave Demeter Ghika, has been elected Prine lemounts from Constantinople state that understandtag has been arrived at
Sultan and the Viceroy of Exypt. tras signed last week for $12,000,000 \mathrm{l}$. sesp on or cent interest and to be issued at
Budget for the current year shows an tof att,$\underline{2} 0$ liras, and an extraordınary
I50, making a total defieit of 2,6u9, 100 proposed to cover by the present loay.
the bearer of the Khedive's reply letter of the Sultan. It is sad to be
t cemes fatory language, and tlan French consuls have expremed to his Hughness : at faction at the termination of his difter-
$\therefore$ Sulan. Two Armenian prelates, Sahak who had been detained three years in were rcleased through the intercession
Gorenment, havo arrived at Cairo cornment, have arrived at Cairo. rom the Tharus, dated the
band of the Babi sect from Ate that a band of the Babi sect from tisvo bcen arrested at Teberan, charged positions are said to be implicated in ersian troops have gained a victory unnomans, and captured the fortress of sout 10 versts from Asterabad.
-The satement that Shere dli had been
a nas declared to be wholly unfounded. sre agan current that Herat has been cappAtppreent no confiriuation of them has been Truevents hare ocelirred at Bombuy which
and the Endrios to break through the trammels
ar Man Moroba Canoba, an ex-judge, has ir mo Moroba Crnoba, an ex-judge, has
Thathersey to a Hindoo widow, and Mr. and five other high-caste a. . acros the ocean on a visit to Furope
STATEs. - President ( irant has pnue on Izi states, - President Grant has ynue on
wite materior of the States of New York an irama. The Radical press claims that I'resident rent expression of sympathy wilh the
orancl of the Republican party in Mississippi steavera ano to apply to the entire South. It is Mras discontent in the South, and that one of statences will be that the Conservative RepubMr. Dent as Governor on the Lenocratic theket. The Nev Jork Herald
regret at the President's open avowil - Mississippi Radicals, as on his part; and says Grants intention was Rood, but ands of the Cabinet and Radical politiHeradl also urges that the Cabrnet should Chniag that Justice Chase has written a been aetomplished a new party, to be composed of the the forthe existing parties. The Washingpodents of the Nero Fork Evening Post and ate that President Grant will probably admussion to their seats of the Virginisu elected to Congress. Reports from the corrn crops have suffered badly from the treatment the Harvar Lodand. An extensive system of gmugghng incorered on the Mexican frontier, in which The boilers of the New Orleans are implithe Oho river on Saturday. Twenty drices, from the boat was blown to pleces. ute that Balmaseda has defoated a the ingurs dordan near Holguin. A oonscription between 20 aud 50 , has been
45 , bive haragraf.-Acrounts, dated the jepo Ayre heen rece.ved at the Foreign Office
from Pres tating that, aceording to the last Itrom Prame, stating that, aceording to the lasit
ithecects detained three days before, ail The names of Dr. Skinuer, Messers. Burrell, und Miles, Nesbit, Mrs. Stewart, Mrs.

## Eity melligente.

Bank o! Eatr of Drscoent:-The direntors of the rate of discount from 3 per cont, at whel it was fised

Monex Marikt, Friday.-Britiak Pumpe Consols Acount; New and Reduced There ner Cents


 985 ; Ditto Nine per Cents, 974 to 974 ; Ditto Viceroy
Loan. 81 to 181 , Ditto (1363), 554 to 351 ; Italian, 55

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## Siletcopolts ant tts Fictmity

## The Forbsters' lizte at the Cbtstal Palach

 the Crs stal Pulare, took of the events of the yen weather was favourable, and neariy 69 nuo merubers o the fraternity and their frıends attended it RabinILood, Maid Marian, Friar Tuck, Luttle John and Hood, Matd, Marian, Frinr Tuck, Little John, and revels were brought to a close wilh a display of forumTHE 'THAMES AT B A thee balloners
The Thames at Barkinct,--Mir. Raxlinson last Wreek closed the inquiry ou which he has been envaged for some time past on the effect of the netropolitan
drainage on the river at Barking drainage on the river at Barkiug The inhabitants of
that town had memorialised the Home Secretary to the that town had memorialised the Home Secretary to the effect that the sewage was filling up Barking Creek,
fouling the river and impeding its navikation. Tho Metropolitan Board of Works in reply, produced several engineers, who contended that the seware matter emitted from the large sewers in Lotulon did not produce shosls, and that the sewage discharged from the outfalis was carriod out to sea, and chl not
lodge on the banks, or return up the stream On the other hand, it was proved that tho sewawe hal been, it least occensonally, disclarged when the the was
running up. sluices havang been npeneal withont authorty. Evilenco was also memped it to th character of the mul deponted in Barhinz 18 ear.n, but
prevented ats reception on the plea that be bad no mstructions as to the line of orosearamunation. Mr
Lloyd however, in reply, stated that Dr. Lethoby had reported that the mud was black and fottid, and in a state of aotive putrefactive decomposition. When examined with the microscope he found it to consist of brokenup. sewape matter, with the remains of myruds of animalcule, and a large quantity of "arbonate of lime io a partly erystallunn state. Dr. Letheby further stated,
" ihat ihe accumulation of large quantities of this nud, at the sewer outfalls, might be a cause for serions alarm, especially as it there met with sea-water, the sulphates of which might, by their chemieal decomposition by the putrefying mud, occasion the escape of sulphuretted hydrogen, and set up that remarkabig offansive change which was characteristic or the ach Wr. Way of sewage upon sea-water. The evinence was further
was also tondered to the eflect. It was stasted, that so far from the sewaga being anoibulated, or even imperceptible at half a mile from the outfall, the stench was occasionally perceptible as low as Erith Reach, or six mules and a baif below the northern outiall; whiss the banks of the river four miles down, which used to be tolerably clesn shingle, \#ere deeply covered with sewer mud.
De. Cuhming and the (Ectamentcal Council. -The Pope having called a General or (Ecumencal Council for the 8th of December next at Rome, and invited the Christians of the whole nhabited world, including schismatics and heretics, to attend it, Dr. Cumming, of the Scotch Church, determined to accept the invitation, but bermg "in some degree acquanted With the subject," he addressed limsent to archbina, Mannug, in order to liscover, if posible, what siait reception he, as a Protestant, wast to expec. Hrelates Counoil assembled why he and his brother Yrotestants revect the anthority and doctrines of Rome, that whatever the Council might deoree, he was prepared whatever the Councriry decres from the canons of previous Councils, or from Bulls or Eneyclicals of Popes, or from both, having found in the history of the Churoh that Council had decreed arainst Pope had Pope had retaliated against coul had anathematised Conncil, and that in the Romish Churen there had Coancil, sna all respecto the most disunited Church 1 n Christendom. The Archbishop replied that the modes of procedure The Archbseorved at the Council would be determined by the supreme actato works in which he Cumming copies ful informntion on the subject. In one these works there was a passage containing in one onese wa mallible iudgment of a Pope nothing less tasn the hacionded to a sohismatic or heretio rpperring and claiming to be hoard at a

 res.evel
THE NBLson Column. - It is rumoural that Me


 ather anutuen hoealus.
on whil Me: s

 Embank uent to Westm,niter lhese wions alv ween

 very year bemp raped arwnit them in l... im. Alrendy vishes have heert made t the worhe us lew
 ment were taken in lurt. (in the sath, it is intanded that there shall ve an excurston to the kreat onh ...it of






 nature ot the works thr idelt whatath, live. litaly the surface operatrons werc entered uato, and whi h thingo to tho mon outh ses and understand for themblves. The start was made from the new street opening into the Poultry at what was formerly known as Charlotte Row, and now so far advanced that it maght
 aarosk - to an alsorage of about is feat, "11li hompas
 rom the Mansion Inouse, u.ong \ow lirl all 4 tis the Embankment, and will prove of mintime thue ant
 feet 6 inches high and 1 feet wide, was also exambilled and its obvious value as an areman for witer and Mas pipes, telegraph wares, de., was full, who prased it as a fine aud mos Mr. Hal, who bralsed it as a fine and most by mised piece of bryck workmanalip, anu as a treans bepairs from above could be dome away with, Fortilrepairs from above use of these subwass is bow ande imperanately, the use of these subways is thow oposition of the gas companies. Passiog along Cannon Streat, the party came to the open space uear the Ho Hill pont and part of Doctors Comanons, where Br. II
 tare of London, the new Probate ollces lesi, oed by Mr. Penuethorae, and the bundin, rairer for 3ible Socibty by Mr. I Auson After thes, gonz west the party oatared on M. Webiners esalract 10 the continuation of the Thames Embankrient to bia $\cdot \mathrm{k}$ riar's Bridqe, where, with the ald grams, Mr Ihall gave a hastory af the Lanhtiknment ront its orig.ll down to the pras timal in at hela evecuted by Mr. Bazalgette Ihe difermal 1 as of its construction-the oval cymmar sistatil and the coffer-dam system-were ench explaned, and the con nection of the low level draingge Works with the
main soheme were pointed out in detail. Further main scheme were pointed out in detail. where which on, the party saw the ooncrete wall whice division between the roadway and the works of the Embankment Ra. Iway, Which is to pass benpalin itoo The architecture or simed and exalained. after Bridge sere mex eximbor semer aml ork Gaie rhich the sife ther and formers the witer-zate the work of of the Duke of Dukiona to what tieht bm ilye wit his, with sugke wosh what mere derectuen is fferim the finest gito for national bushinus inat were ver araitable for the ornament of ansy metropu iv brought the party to the spat where the shoms for con an entrance to Charina Cross Termatala, are makur a heginning. The ventulatag shafts of the subway mere

broke up, after most cordially thanking Mr. Hall for
his kindness and explanaton, and giving lim three cheers at parting.
Thf Working Clase Excerbion to Htrst-
bovirye Park - 'lhe members of varions metropolitan
Worhiug Men : 'lub which arcepted the invitation Workig Mens (hbs which arcepted the invitation
of the Erl and Comntese of Portamouth to Fisit
Horstibourne Park, ncar Whitchurch, Hampshire, left
Waterloo Station on Monday morning by two special Waterloo Station on Monday morning by two special
trams for Whitchurch. They numbered bet tween 1300 and 1400 , and wore accompanied by the band of the variety of rural games and dancing were indulged in variety of rural games and dancing were indulged i house and the domestics, a number of prizes, consisting
of works of standard authors, were distributed by his of works of standard authors, were distributed by his
lordship to the vectors in the various qames. At the
conclusion, Lerd Portsmouth addesed a few words to conrlusion, Lord Portsmouth addressed a few words to had been a smurce of the greatest pleasure bnth to the
Countess and himself. On the motion of Mr. George Countess and himself. On the motion of Mr. George
Howell, Iate cecretary of the Reform League, a vote of thanks was given to Lnrd and Lady Portsmouth for
the kind was in whuch the working men of London the kind way in whinh the work
 by the Poor-law Board to investigate and report as to the allcged brutality to the inmates of St. Pancras workhouse infirmary, arising out of the case of a pauper called Mary Allen, who was turned out of that institution before she ought to have been by the medical
oflicer, has resumed his inquiry. Evidence was taken on Wednesday and Thursday, and the inquiry will probably last for some days.
Dragano Fist Ponds.
Court, on Thursday, three men, named William Pare (baving no occupation), Solomon Armitage (a fisberman), and John Baker (beerhouse-keeper), were quamhty of carp fish, supposed value 10l. It appeared frisoners were in the habit of drageing fish ponds. On Wednesday night, at 9 a'clock the the mends. On van of Mr. Coles, grocer, and, suspicion being aroused, coustables Were posted in every lane leading into Brentford. On Thursday, about 6 in the morning, a conThe officer stopped the horse and examined the cart, and from what he saw in it apprebended the prisone and took them to the station. The van was inspected there, and in it was found a large wooden cistern (made express]y for the purpose) containing about 200 large carp, a wet net, a long rope, a wet pair of trousers, they took the tish at Mrisoners being questioned, said knowing that such a quantity of fish could not have been caught there, detained the men. At the Police Court Sergeant Miller said he had every reason to believe that the fish could be tracked, and the case was therefore remanded.
Tye Fatal Fxplosion on the River.-The morning of
person, who died at Guy's Hospital on Friday. The the Hamburgh steamer Hollandin, one of the crew of a fragment of the boiler of the tug. The injuries were hope of his recovery. On Friday an ingurest was opened on the body of the stoker, Joseph Witest was examined stated that the boiler had been texted 120 lb ., and that it was not worked been tested up to person who had charge of it on board was a youth of appeared years of age, called Towers, and some doubts properly screwed entertained whether or not he had properly screwed up certain bolts within the boiler.
The inquiry was adjourned On Monday another inquest Fas opened on the body of Jan
Schaapsena, the Dutch The evidence given by the professional witnesses wens the show that the probable cause of the explosion part of the boiler with the shell, and which had given Thursday where. The inquiry was adjourned to accidental, but appended a declaration of their opimon that ail engine-drivers ought to be certificated as properly qualified by a board of examination, and that On Tuesday a third inquest was opened on the body found on Surday, the captain of the tug, which was the Tower. The evidence showed that deceased had he could be put out of her. The inquest wished this case Alleged Fied.
Friday Mr. Mratcids in Woolwich Arsenal.-On Department of the Rogal Arsenal at Wonlwich; Mr. and a man named Jones, in the employry's orders; contractors, named Jones, in the employment of the Woolwich Police-court, on the charge of defrauding the Government in passing stores out of the Arsenal gates, which le had no authority to do. It appeared that Mr. M'Cubry, who had charge of all Government stores for sale. forwarded to a firm who had contracted to purchase Government waste paper at so much ner The evidence more of the article than had been paid for The evidence showed that a wholesaie system of robhery containing reams of paper have passed and packasey Choat ever being opened.
City of Washington, which arrived in the Mesteamer

W'edneeday from New York, one of the detective oflicers
of the City of Condon Police broult Clement IIarwond, otherwine Charles Hope Chalmers
and Benjamin Hatcher and lis wife, the two men and Benjamin Hatcher and lis wife, the two men
being charged with having, along with another not nos in custody, commitled an extensive robbery in
L $\%$ ndon. It appears that in July last the sum o 10,0002. in notes and securities was stolen from the
banking-house of Messrs. Harwood, Kinght \& Alleu, bankers, in London. The two young men na custody the son and nephew of the senior partner, were sus pected, under very conclusive circumstances, of having
been the denredators. It was found that they ha salled from Liverpool to New York in the Rysisia, and Enalisle monal Frenad been exchanged forwarded to New York, giving a descriplion of the
olprits, and on the arrival of the Russia they wer intantly secured by Inspector Irvings, of the New wife of Hatoher. In their possession the sum of
13000 l in English and French notes whs found. The prisoners were brought up at the Mansion House yenterduy for examiantion, when Harwood was
remanaled untal Monday, and Matcher was discharged from cusiody. Sevan Dials.-On Weduesday in Wild Street Pullin 5f, a bricklayer; Maria Pullin, his wife, 62 mangle-womaln, his niece, 29 , unmarried and of a child, of whom the cbarged with conceating the birth the mother. It appeared from the ovidence of DetecWivesergeant Kerley that he went to the house in that she had had a "sort of confinement", and that she had burnt the child. Upon this he took her into custody, but she was so $1 l l$ that she had to be taken to persons in the same house showed that they were perpersons in the same house showed that they were per-
fectly aware the woman was pregnant, but that the elder prisoner had stated that her husband was "clever children in it. Mr. Flowers ad ourned the case glving instructions to the officers to make all necessary inquiries relative to the remains of the infant Sergeant Kerley accordingly, with another constable rigidly searched the premises, but without effect until Saturday, when, on going down into the area, under a grating, he there discovered the body of an infant, well-grown, but hall deposited was filled with linie, which had caused the decomposition. At the inquest on Tuesday, Sergeant Kerley deposed to the fact of finding the body, and to the admission on the part of the niece that she was the motuer of the child, and had delivered herself, and placed with her own hands the body in the spot where
it was found. Dr. Bennett, the medical officer of St Giles's Worishouse, stated that he had made a postmortem examination of the body, and was of opinion Lankaster said that this evidence practically termiYous be to return a verdict that the child was stlli-
born. The jury penerally was adverse to this view of the case, and after much contention between them and the coroner, the inquiry was adjourned for a
month. On Wednesday the case was again brought before the magistrate at Bow Street, and was again adjourned, after two ineffectual attempts by the prisoners' counsel, first to induce the magistrate to discharg
on bail.
The Attenpted Murder in the Old Kent Road--On Monday, at Lambeth Police Court, Thomas Paus in shoennaker, was charged with stated that he ntering the dwellinas charged Mr Jomes Peake 8 ? Trafalgar Road, Old Kent Road, on the 9th inst., and stealing various articles of silver. He was also charged with the murderous attaok on Mrs. Peake which has recently caused so much alarm. It appeared that Detective Sergeant Ham and Detective Ranger, had been in search of the prisoner since the assault, and that Dectective Ranger on that morning arrested him Miss Lomy with a woman in the Walworth Road attacked, deposed that on the afternoon of the 7 th inst, her father's bouse was entered by two men, the area door having been forced onen. Her mother was lying door open, and saw a man tairs when she beard the give an alarm he struck her two blows cona head with a jemmy, one of which fractured her skull; the witness hearing a noise ran man leaving her mother's room. She rushed to both men precipitately decamped. She identified the the Carter Street police-stand had previously been to out from among 12 or 11 other were she pieked him was cleaning the windows of a house two doors off also dentifed the prisoder as one of had go down the area steps of Mr, Peake's house. She Carter Street sim out from a number of others at the about a dozen prisoner he might choose which place he liked the took a place, and on the two witnesses he liked. He into the room they at once picked out the prisoner as the man they had seen pided out the prisoner as chas-examined the two witnesses to know whether they had not said he had a moustache when they saw Inspector ware both positive that he was the man. prisontor Dann baid, at the station, on asking the prisoner his name, he said it was Thomas Paull and on


## 33 robint cial.

ALDERSHOT. - Another attempt ALDERSHOT. - Another attempt
militay night at the camp at Alde military murder.
the 1st Battalion 12th Regiment, nam Went into his hut in the lines k colour and pay-sergeant of the belonged, bad lately been in th
answered that he had not. I part of the room where his arms which a man sleeps. Corporal the room at the time, noticed lim ha roused suspicious manner and Watch his movements. Griffin entered the hut and centre of the room, when Jeal,
his bed, without undressing rille from the arm-rack,
it. Ine was in the act of raisin
Sergeant Griffin, when Cornor other men seized him and the rif desperately to release himself succeeded in doing so after his rinle and seized another ran's breech, took a ball-cartridge out of Sergeant Grifliu, but bafore he had agan seized by some men and safe found to be loaded with ball cart which Neal kept his ammunit
and on the cartridges being missing, which no doubt were tho finement. $\Pi e$ is a soldier of abo and is ssid to have been up to the present of good character. The only cause giren far attempted to shoot Sergeant Grition is tha would not recommend him to that Sergeant Griflin

## Broral Greevan.

BANBTRY.-The sewage of this tom Cherwell, but certain parties complained of en sance, and a decree of the
discontinuance. The Board of Hesit rented a farm of 137 acres, about
over whuch they have since continue gallons in the 24 hours.
in tauks, mixed with th
with ashes, and disbosed of to cagal b th to the farmers. The rent of the Thirty-five acres were laid do
grass, which is now in its thrd
of produce realised
present time for this year the
been $912 l$. 15 s . 10 d . The urigation
bas therefore, so far, proved a
after passing over the land enter-

## distance below the town.

ot and fish may be seen in the nyer
fall of the efluent

## Bibuingram.-Mr. Disraeli.

## ford at Castle Bromwich Hail, arnve

Small Heath, and inspected carried on ther

Cobewnew of Mradford，and the Mur－
coury－IIr Jusiah 1 siont，of this tow


thinnt ata yeding an anmul 1

## t the far back as 1858 Mr ．Mason the of Erdington，about fipr


entained entirely at his own cost．He then inted the Orplanare on its origual stit －．．．t．t．the glan

Thatage in another o cost，to ere
the beme grrs and onc－third boys．Th taiage be decided uno－thra converting int tarseter．The new Orphanage，which of lyell Lefore，Erit ngton，was commenced in 1 was completed about 18 months aro arer，to the enifow ment consisting of land 1 mery that，in order to validate the gift，the aul，therefore，no public announcement was reference to the clarity．The statutory \＃red a few days ago，when Mr．Mason，
mremony of any kind，landed his matnifient ＊I to the appointed trustees，thus divesting o public ues．Ife also wrote o leting $\mathrm{C=ancll}$ ，asking them to accept a share thel，and to nominate one－half the trustee sullie trist in the hands of the Cornoration mopham．The conditions of admission into the
repe forth in a trust deed of great lengt rides that children may be ad mitted up to tine years，and may be retained，boys until The only other conditions are that the the parents shall have been married there is no restriction whatever，whether of be＂carefully instructed in the know \＃A Holj Scriptures，according to the know－ thenh－ms，formularies，or articles of faith Christians，shall be of any othe arther directed to cause the inmates nabled in the ch／arel for Divine worship， the founder，hat the children marnest s simple ar，hat sincere followers of the D＊and prepulicent reference to sectarian －arand projurlices．＂When the inmates leave Cothong，and the trustees may may a f hom children，in order to make thial tran－ cind then，in order to make them it is provided by the deed expectaly shall bo instructed in sevewink duashing，and all ordinary household feading．The school teaching is to be reading，writing，snelling，English lireeted geography，and history，＂and it rammar other than the English language shall be quven in the Orphanage．Since an article in Orphanage was made known an article in the Times，Mr．Masod，like erectred by every post shonls of begging al．parts of England，Scotland，and been obliged to and Germany．He has， IU．res whatever，excepting those which The inguirphans into the asylum．
nake，held before two Government Cof Ir M M chael，barrister，and Mr．Harrison， of the Board of Works to convey the ，whose park for irrigation was opposed hose ornamental waters in his grounds mom the Ravensbourne River；and also Mutlay uannet the large amount of evidence was nather irrization site the Board，and also hish South－Fastern Railway Company， nelaty，writh line．A deputation from thy chaty，whth the chairman and surveyor to upon which serage works at Ealing， nveer and manager of the Faling sewago． serit，he said，was the filtering system Tarticularly as was a most suitable plan Consequence of an offer made by Mr had visted Ealing，and was so weil




 dramed，nod the sewaze ta teref thences is already wel
 Civiking wery cons．ajerable
jun，the borough treasurect，ahmo Mr．Patrick Boales， the mpresson had surreputh usly nbtan med be．nz dis a bond for－（mon the mororat．on ceal and alhvel it ti ration，and flaced in the hand－of Missors Mr Tthene accountant，who wassulat totals unauthorived the broks，has since repuerted emply ed to examur funds of the lunatic rate account，Free Library of the market tolls，Iobson＇s Charity，Lumatio Asy acount provement Commissioners，Crine＇s Charity Cor，Iu－ change，weughinm machina，inspection of meanures，s．＂Tise scoountant states that the sum unaccounted for is 27631 ，indenendenty that the sum the bankers in the mame of the eor． Ifenableh－（on Thar－day，the lith hat the Lien． Tenry deynold，of l＇epprard hompry Henleyon－ solicitor in Ihenbigh，and several other gentlomen，went up in the mountans near Nantglyn，to shoot grour As four of the party were returning in a dog－cart，the fright ful pace down the hill It had not gone far at a it dashed agatost the embankment，thromine far when occupants．The hore was killed on the spot，nud the car shatterel to preees．Thase who had been throun village in a cart Tnree mediral men were alane immediately in attendanee，but Mr．Mroce Morra died Mr．Resnolds some few hours alter the acment，nod hopes are entertained of has recorery Mr．Reynold un．recelved but few injuries The fourth oceupan bourhood，sustained no serious tojury to the nejph bourhood，sustaned no serious tojury The jury at
Doncaste
Doncaster－Six meeks ago the Rey Dr．Vaughan resigned the vicarage of 1）oncaster，on being appointed matron of the Temples，which is worth a hall a－year，oftered to the Rev．Anthony Thorold，munmer of Curzin Chapel，Mayfair，one of has firaci－olaplaias，but he Res．It The Archbsinnon then offered it to the

DunMow．－On Monday，in spite of the remon－ strances of the rector and some of the neighbouring gentry，the ceremony of the presentation of the 12 years－the last fête of the kind having been held in 18：－i spacions marquee was arected for the purpose remembered of in the marriad fiteth is given，it sill be remembered．to the marriad colple or mouples who can swear，＂bat they，atter having been married a a ear and Only two of the claimants－Mr．Casson and his wife 3，Cornwall Road，Viotoria Park，and Mr．Leader and his wife，liydon Crescent，Clerkenwell，actually appeared in the court，over which Mr．E．T Smith the lessee of Cremorne，presided as judge，Mr．Terry
acting as clerk，while Mr．H G ．Brookes appeared as advocate for the town，and Mr F．G Garden，of the Lycelm Theatre，for the claimants The president，in opening the proceedings，read a letter from Mr．H． 13 Sheridan，M．P．，who had been announced to take the judictal chair，apologising for his non－attendance on the ground that he had a daughter very ill．Mr．Brookes having examined Mr．Leader and Mr．Casson on the events of their maried life，the president put it to the jury whether Mr．and 3 rs Casson and Mr and Mrs． Leader should receive a flitch each，and the Jurors couples were then borne in triumph on the shoulders of men in chairs decorated with artifictal flowers， forming part of a long procession of the true Cremorne type．Knights in armnur and clowns on horsebark， theatrical villagers and village madens，and yeomen bearing flaws and shielia，combined in a display such presented by Messrs Fitch \＆Son，of lishopsgate Street，and were from Essex bred pigs．
Exeter．－The opening meeting of the British Associatlon was held in this cily on weanesiay，when president elect，Professor Stokea，assumed the presl－ dency，and delivered the inaugural address．The presidency of the as

HotNsLow．－On Tuesday morning，at in o＇clock the nesghbourhood of Twickenham，Hounslow，Han－ worth，and Hampton，were thrown into a state of Messrs．Curtis \＆Harver，at the Hounslow powder muls．No lives twere lost，but three mills，known as green charge mills，${ }^{37}$ were totally destroyed，and the man who caused the accident by his own do besi than 13 houses have been destroyed on the works．Meetings have been held recently in the neighbourbood to consider the subject，and petitions pro and cos have reen sent to the $D$


Leltame

 （h．T－uply his it thar twil oost，the sewate of the lowis to a farm bultrime to him about awo miles
distant．The Zeaninit


 whate symem of aramage for the rainfall，withen irrigation aspuy and effiniency of working in the Livensyitem onnnot be moured
mancol $\rightarrow$ On Tuendyya dooently dremod middle

 and having eddromed them in moditous lenpunge to be deliserail a Truant，sal Ithat Irelat，I wie cre hom
 lila country aydd smat an artlimaty TI disapprovel of has ment menta，an！lie mentilime been romph］，hand．ed hut for the interfiresere of the poliose ＂heo took har into curtody．The magiricter ondered lum to firm suretice to keep the peece for a month，of he imprisoned in default．He mide he would not mool for swretics，and left the dook maying thet he hoped they might not mit beore sonk tot thest mapacity of judpee．
Loverrozocan－At the borough Polioo Court，on Thursday，Heary Black wal brought up on remand charged with not having takrn proyer eare of a lunslr Evidenco the cuslerut of the primer fiat nide has heen in Whole of whis h time the had tieen hom will has（met manaclent，and hus hands fastened thy har－truff．The magistrates committed the prisoner for tring．William Mantie has received the appoiotment of atijnendiar

 City Police－court，on a charge of having embezzled nearly 14,0002 ．，the property of everal of the South
 on his bebalf，to the eflect that in the two caper which he was charged with embezzing were not the propert tho bund ha nicios，bul of wo membera who had Ahthdrawn their monies，and that the prisoner was not mosecutum，that thas rontended，on brehalf of the tuld that a prom ，momes did bemplone amone bert made out．He mue arotes ame ble the Ifter a lowe aruemak Mr es mare hmat in comamic
 housll he was bound to fay the case to tho semin Coubett he was bound to say that he agreed with Mr Cobeet as regarded the poras of lan raised by him． The prisoner was then committed for trial．
case in this town，the Camitria Ifazly Jeader kass that he ho appears to hore bren wholesale man hat While in the corice of coller he end to the sentleman＇s wife that ance corl he rald to chools there isg that heen mant children die hen that a number of children did de while he was there with symptoms similar to those of Miss Emily Collier When Mr．Collier＇s fowis died from the poroned gram Mrs．Collier was so thoroughly impressed with the boy s guilt that sle insuated on his jeaving the honae that very night，and his reply was that be perhaps had better go，as some nese mikht put posen in the bread and poison the whole of them an moticular notice of sueh remarks was tahen at the time，but now they have a shockine signifreanre．After hus return th the workhomee ne had．it sis cand，a dispule with the porter． to whom he sald that if he had only got a razor the would cut his throat．
Oxford－The electors of the Slade Ait Professor－ slup，recently founded in the Cniversity by the munificent bequest of the late Mr．Slade，have elected
to the office Mr．John Ruskin，M．A．．of Christ Church The Professorship is heid for a term of three years，a the expiration of which the holder of the office may be again elected for one other term or the same daration． Pendikton．The mystery surrounding the recen murder in tais cown has been mereated by the dis－ covery that the bmis found in the canal is not that of the younc woman hate Macdonald，hy whme relative it was clampd last week It appears that Mardonaid sisce her disapperanre ons be ino．nk ai lionchiale． where she was discovered by inspertor donms，and brought on Suntiay evening to salford．The girl seems to have beard of the rumours of her death，bat stales that she kept out of the way beranso she nid not wish her retatives to know where slue was On Monday morning her parenta identifien her il Suford Town Hali，and admilted that they had been mistaken in clasiming the dead body as that of their daughter． The inquest on the body wer reopened on Tuestay，
when the medical evidence was strongly in favour of
the theory that death had been caused by violence. and not by accident. A verdiet was returned of "wind" and the Mayor, who was present at the inquiry, sta that a reward would be offered for information on the PLYMpTON-An inquiry was concluded in this town. on the lath ust, concerning the alleged ill-treatment The investigation was held in the presence of the district manistrates, Mr. Law, of London, appearine on
behalf of the Commisionera in Lunacy. It apyeared from the evidence that some time since the luatio was placed under the care of Horn, who was to receive
15s. per week for his trouble, and was instructed to use handeutfs of his charge becarne violent. On the 17 th ult. Mrs. Crews, who lived in an adjouning house, in pain She ran upstairs and was able to see into s room where Mr. Snawdon was lying on the floor; the dofendant had bis Jeps across his neck and was beating tied to a tree; the handeuffy were tied with some thick rope, which Horn threatened to place around the amenable to those only who showed themselves his masters, the alleged ill-treatment was quite necesand costs, with the alternative of two months imprisonment.
SHEFFIELD.- On Monday a great demonstration of colliers belonging to the South Yorkshire Miners' Association, was held in Hyde Park in this town, and
was attended by upwards of 5000 miners. Many of the Thas attended by upwards of 5000 miners, Many of the Warren, where a number of non-unionists who work for Mr. Huntsman live. There are six cottages in the
row, inhabited by persons named Hadfield, Glover, En, inhabited by persons named Hadield, Glover, seon to go up, to the houses, followed by a large orowd
of men and women. Stones twere thrown and the of men and women. Stones were thrown, and the
women in the touses at once closed the doors and fastened the shutters. This, however, proved no proteotion, for instantly stones of large size were hurled through the doors, shutters, and upper windows. The inmates tried to escape, but were beaten back, and the women had to rush with their children into the cellars and back kitchens. The work of destruction
was continued until not a whole door or windowframe remained. A number of the roughs then entered the houses, and smashed everything breakable. The bedrooms were visited, drawers and boxes were ransacked, and various movable articles,
including Bibles and other books, were used as missiles, or torn up and scattered about the place. All this could be seen from Hyde Park, and Sergeant officera at the grounds, gent a number of men to the scene of the riot, On the approsch of the officers the there was a scarcely a whole articie of furniture, while walls in many places were broken in. The houses those who were denounced as knobsticks sutfered most. The women state that among the mob were many wearing
cession.
Windsor.-Frequent complaints have appeared in print of the fees levied by the vergers of St. George's Chapel from all visitors. At last the Dean has taken a step to put an end to such complants by affixing a nolice at the north and south doors, stating that the that the officers of the chapel are forbidden to receive any gratuity. The Chapel therefore may henceforth be seen as freely as the State spartments in Windsor Castle, which are under the control of the Lord Chamberlain's department, it being her Majesty's command that the oflicials who accompany visitors

## Ireland.

Great Orange Demonstration in Monagean. -The Orange demonstration at Clones, county Monaghan, for which great preparations had been Mashagduring the preceding fortnight, took place on of enabling the Orangemen convened for the purpose adjoining counties to unlte in an emphatic protest
against the conduct of the Government with regard to the Irish Church, the administration of justice, the
Party Proessions Act, and the recent dismissal of
Captair Coote from the office of high sheriff. The Captain coote prom ine outce of hiph aheriff. The
meehn Hark place in Hilton Park, the seat of Mr. sbout $20,0 \mathrm{an}$ personis. A great number of lodges-who marched in military array from their respeotive districts-mustered on the ground. In spite of the
Party Proceesions act the lodges marched with flags flying and bands playing, great numbers of the brethren wearing the emblems of the order. Many of them were armed, and at one part of the proceedings, at a signal given by a canoon shot, a continuous discharge of
small arms was kept up for nearly two minutes small arms was kept up for nearly two minutes. to preserve the peace, for which purpose a squadron of hussars, a company of infantry, and a large body of constabulary had beendrafted into Clones on the prefrom Belfast, but did not succeed in gaining admission to the grounds, as none but members of lodges wore persons who keenly serutinised and repelled every
intruder. The chair was taken by Mr. John Madden and, nior. addremas had been deliverod bo tig Chair.
man, the Rev. Mr. Woodright, Captain Madden, Rev,
Mr. Burnside, and other gentlemen, resolutions were
unanimously adopted denounciag the Government with reference to the Chureh Act, the dismissal of Captain Coote, and the Party Processions Act, During
tho moeting a letter from C'olonel Archdall, secre tho moeting a letter from
tary to the Grand Lide Are of Fermanagh
reat, and received with strong expression of d attend nor advise the Orangemen of his district to do so, because he did not see any practical measire pro-
posed in the programme of the meeting, and was of opinion that such demonstrations teaded to endange rather than to promote the cause of Protestantism and the peace and prospersty of the country
The Insir Cnurcu.-The Primate and the Arch bishop of Dublin have issued an address to tho clorgy
and laity, stating that they have summoned provincial synods to meet in Armagh and Dubin to reform the representation of the clergy provious to the reassomrepresentation of themselves against the tine of meeting. They explain that they are slow in offering singrestions, as they consider it the bost course not to dioress therr reamens the ue tue parochal aystem and Dublin Synod will meet in St. Patrick'年 on the 14 th of September. A synod of the clergy of the diocese the clergy and laity of the diocese of Down, Connor, and Dromore was held in Belfast yesterday. The synod, consisting of all the clergy of the diocese and an equal number of elected lay communicants, shall be beld on the 7 th of September
The Chrsch Brcle,-The Liberal members of the Corporation of Dublin passed a resolution on Monday address of gratitude for the Irish Church Act to Earl Meetina of the Roman Catmolic Prelates. On Wednesday the Roman Catholic bishops of Ireland met in conelave at Dublin for the consideration of the questions now before the public, foremost
amongst which is that of education, which is understood to be the chief point to which the main efforts of the Roman Catholics will be directed in the next session
of Parliament. Thepresent conclave has been assembled of Parliament. The present conclave has been assembled in consequence of the position taken by Dr. Ball, on
behalf of Trinity College, on Mr. Fawcett's motion in the House of Commons just before the prorogation the object being to obtain for the Catholic University a share of the revenues of the College and the Queen's University
TME LaND QUestion.-The Irishman, in an article headed "The Plague of the Landocracy", says that the and that landlords is a sign of foreign usurpation Every aore, it says, has been stolen, and is unjustly the plague Another artcicle who must get rid of freedon, you must be prepared, when opporfunity
comes, to scise it." An article, signed by the Fenian Kick nam, urges the people to get arms.
The Amnestr Qoestron,--A great meeting, confew days since at Waterford, It was stated that 10,000 persons were present. Mr. Napoleon 13 uonaparte moved by Mr. Pierce Marcus Barron, D L. The meeting adopted a series of resolutions simitar to those meeting adopted a series of resolutions simitar to those passed in other places,
The Londonderry Riots Cummission. - The Commissioners appointed to inquire into the riots Prince Arthur, held their first sitting on Thursday. It was stated during the sitting that the Corpofation are already neyotiating for a change of the police force.

## Scotland.

THE Status of Marshai Krith. - The statue of Marshal Keith presented by the King of Prussia to the town of Peterbead, A berdeenshire, was unvenled
on Monday. The statue is a duplicate in broaze of a statue of the Marshal now standing in the Wrlhelm Platz, Berlin, and was presented to the town of Peter-
head in reply to a request made to the King of Prussia head in reply to a request made to the King of Prussia
for the original marble statue, which it was erroneously understood had been removed not to be again erected. The day was observed as a holiday in the town, and the Marshal Was born and spent his early dasy, several
banuers were displayed. The Earl of Kintore officiated at the removal of the veil, amidst the enthusiastic cheering of an immense crowd of spectators. A
banquet was afterwards given in the Town Hall, and in the evening a public dinner, presided over by
Provost Alexander, was bed in the same place. The proceedings were brought to a termination with a ball in Prince Street) Hall. The pedestal of the statne bears the following inscription:-"Field-Marshal Hochkirchen, 14th October, 1758 . The gift of head, August, 1868. Probus virit, fortis obiiit." The statue represents the Field-Marshal in uniform, standing with a scroll in his hand.
ing ander at Gretna Green.-On Friday mornGretua, went to the police to ask for assistance to remove s basket-maker and his wife, who had been quarrelling with her lodgers, and on her returning kicked her to death.

## 38xilmays.

Fatal Collision on The Great deplorable accident occurred at
few minutes before midnight on
to which it Bmpty to Southgate, after delis The passenger train was the
Loudon, and it arrived at Baro
was thea detached, was then detached, and passed London, the tender whose name is Murphint, , fisk
Was right, and the reply
you, " you may right away," Decease
Arthur South, said to Murphit
Harry, and right awny; make Jumped into his break, when A goods train was waiting at
this the signalman sent the
ready " and "come on"" "line being about a mile onlf, on th on the up line; but this was not engune meeting engine. Murph toker, Cassemean, did the same alter the Royal Freo Hospital. The en train reared agaust the other, au
was an exploston of the gasomet of the passenger train (the train the front of the engine, whown the carriages and tlie
daylight. At the inquest on Tuest Who examined the body as it lay
that the body was entirely charred that the body was entirely charred,
less. The bones of the legs were all but whether the result of a fractur
could not say. 1 fter some further could not say. Ater some furth.
taken the inquest was adjourued.
BrEAK-DOW
Friday morning as the nighit expres the east-coast route, was passing be pans and Inveresk Stations, it was bro
stand by the breaking of the crank large number of sportsmen were amo on their way to the north, and the
them no slight annoyance, as they prospect of losing the train to travel from Edinburgh. ever, happened at the time to be despatched with the tram to L
arrived an hour and 25 moute personal injuries were caused by the Collision un the Norti Briris $6^{\circ}$ D. A.M., ran into a mineral tran at minutes behind time.
huuted the express dashed into listance the express observed the danger the force of the collision. were destroyed, and the line an hour and a half. Th
Chear Workuen's Trains, - on Wairm deputation from the Great Western an l Merme Working Men's Association for promotiag haz by the directors of the Great Weotern Railms Paddington Terminus, Sir D. Goceb, Bart, memorial, explainine the benefits that working men aud therr families from be.atea than those paid for unwholesome and yentments in the heart of the City and wext. same time pointing out that such sin rail way companies, A requisition, signed Bush Hammersmath, and Kensiagton, mes Bush, Hammersmith seated to the board.
that the board would gi
memorial, and confer with the d
politan Company on the subject. the passzas कీ he Compensation Cases.- at the assubes sa Justice Hannen, the plaintiff, Mr. J traveller, living at Bedford Lerg within two years. On January was soverely injured in a collision 1868, he was able partually
February 15,1869 , while

## St. Albans, the train in which he into some coal wagoons, nad the

 n the back and head.between $400 \%$ and $5.60 l$. per anru
 close to the Bromfield Station the station for a mid-day tra oxpress train from Shrewsbury gorernees at the parish shool of bromf
 $j$ enter a bermed tuy concel on both udes splested - It iluc Crodon Asozes malde youms man, filling the pus-
 , hno 2hd II pember last he sas abou $\rightarrow \therefore$ arst, neen a zuard cante hation T. enterne it. Memina the doo 111 I was $I$ ut iuto another carrigee 31ferare: mat to have felt any
bat whan he arrised in London the hequ calue on, antl hi ispresel an opinion that the sist from at endme to ths duties, and a triew had pasd him his salary dowa to there was great doubt whether he were called by the company, on the at that had visited the plaintifif, wn atatewents they should not have f. of Baron, in suruming up, alpheared greement with plaintulf's counsel that
ap by the company was the matter, and the jury, after a found a verdict for the plaintiff the same assizes a person called - Auilun action azainst thie South- Western : 2win! nurse, who was gettine into a theen her downa and caused her injuries stel hier for some time froms following her coutenter Assizes, a brassfounder of eed Hushes, sued the London and
 © an her Jine at Crewe on the 23d July last Fare Nan no donbt of the oollision, or of the suesined to her bod for tiree months after the Th: - whof from an internal disease, the Wi mher theppeared to have been considerably Whater the acchent. It was, therefore, argued Eit ie ilfess had arisery from oonsticutional Fa Fe ary found a verdict for the defendant. ans aned-At the Bristol hssizes Herr Praeger,
aszr and forelkn languaze master at Clifton asaz and the Bristol and Exeter company for andicel in leaving a second-class carraze at man y drasu up to the platform, so that there enn, an through this the plaintiff had fallen, 41 10, Irfs wheh incapacitated him from Lepleses for the remaiuder of has life 4- brought into court on a litter, and - momp etely broken up. The defence utenced that degree of coution be pancha eet from persons who were in the habit of rd roew the station from repeatedly using returned a verdict for the plaintiff;

## 32ab。

 Sagel 19 years, doscribud as R Bawyer, was
se wilfal nurder wo Richard Hill, a policewh, the atstention of Mr. Curtis, a baker,



 $\therefore$ I very Cxas conlowed by the prisoler, inent Ianguage,
 Manatly mined 1 till was close at hand, nand

 Kis inds might wat conteuded on prisonur's -- M. Mr. Jumbrice Keativic pasead sentence $r_{x_{1}}$, aend the recommendation to tho

 - Host the neryoncer fortion being our readers and absuo - Mrener, watching the opportunity when Wh a the lint in in litien he wasp quartered nor the nhy def fence thut coull The facts whe tre

 Cudetion to trecty of Whul Leurder, Thy tolnacrey, but did not assigu


 The ".nty where the offunce was committed. The pilice in
 Taylor was charged with the of Durder of of Willicm



 weun very unfortunsta in butinean and was in great difi ruyg lead, when he horged the bilt for tat hifs fither what


## (1)bftlard




 with year. He was the soll an






 of the lunge subserfuevtl's ketting in, and rusulfing in hin do th.
Wrics. -The will of lord Cle neurry bas heen swarn un ler






## PWavtef.

## COVENT GARDEN:-Aug.

There is still a great slackneas of demand both in the town ind it the proviucial traje, and tberc is ittlo or nu aitoration in pricses ri, tion nf gands Pl werr chtefy consixt of Orchlds,
 Llhums, te.
fRUIT.
Apricote, per doz, 26 to 38 Nectarínes, per doz, 48 to 88 Clierries, per 1b, Bd to $18 \quad$ Oranges, per 100, 8 s to 148
 Peaclies, per do zre , 6 to 12 an Pine-spplas, per it, 28 to 68
Strawborrieg, $\mathrm{p} . \mathrm{lb}$., 1 to to 2 a Lemons, por $100,8 s$ to 14 m Melons, each, 18 6d to 58

Vegetables.
Artichokes, green, p. doz., 2s Lettuces, p. ecure, 1 la to 1 s 3.1
 Boet, per doan, 3s to ds Cabbages, per doz, 1 to to Carrote, per bunch, 4 d to 8 d Canlitiowers, po doz, 35 to 6 Celery, p. bund. 18 to 18 8d
Cucumlivers, eech, $4 d$ to 1s Eadire, per doz, 18 6d to 28 Garlic and shaliota, par lo. 88
 Uniuns, green, p brin., yd to 1 s Parsley, per bunch, $2 d$ to td Peas, Englisb, p. qt, od to 14 - Flukes to do 140 s to 160 s - Fuakes, do., 808 to 1608
 ceeke, per busch, 8d to 4 d to od to 0 d .

HAY. - Per Loand of 30 Trusges. 8mitheishl, Thuraday, Aug 19. Prdine Mas dow Hay 100stol 1078 , Clover, old Inferior do.
Now do.

Inf river ilo. $\left.\begin{array}{ll}1085 & 80 \\ 75 & 80 \\ 75 & 82 \\ 50 & 60 \\ 32 & 40\end{array} \right\rvert\,$ Inferior do. . 2 2abtoli3n | 75 | 82 |
| :---: | :---: |
| .50 | 60 |
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| and MAREET, |  |


Clembzhland Marker, Thurgday, Aug. 19.
 Nem do.
:
vor
 FYnc Mcadow Hay 984 tol054 Prime istcutclover 12018 to 130
 Inforio
Straw

Metropolitan meat harket.-Aug. 21.

## Best Fresh Butter

geoond do. do.". to "5s. id. ; Fiergil Pork', fs. Od. to
hopa. - Borouge Marrit, Aug. zo.
Memen pethanden ayd Smith ropart that the accotuta from sid Fent, end pllogether the prospectin of the mantag erop tro



 I EALUENHALL FOLLTRY, ©






 and 1 lomo Counto

 We have a larger montyly in flematy tlan
 Helinh wro not plantifuh and command fully Mondert





MARK LANE.-Mordat. Aug. 18 , Wbeab Sman




 Country Flour brought ws. jer asack, ald American in to 2 w arrel more zmoney.

Barlev,grind. ediat 30 atoice Cubv. - Maltlng.. $40-16$ OATs, Eserx and Euntiolk


 PFas, White, सissex, and Kikent Buitere 40-42 k yifuk... $41-43$ Maze:

放dutork...... - 2 duretga pet barreile
Excepting a fow ebowest the weather has bean fine aince the 134 h insh, find farmetin were enabled to make nome pro gress with harvent worte both fis englead and beotiana, Onder the influence of isvonnabo weataer the the kingion mitlera nut denlera foving bought largely of Wheat at th begmoing of the month were illinclised to follow up prices, Whate mereased fretg amivals chised holdend wo secept in Fomo cases a redktien of la. (t) 2 Z , per ro. from the jat highest rates, 14 priferelice to ant armg tw herk changes. Tho were the tuan dearer Pent an l leing, fram nearchty, were

 sellers' farour, we hava n' alteration tos ropmot, the const this werk consisted of 10 cargues, of for saled lat last week, trade has been frm, bat the fintited murniner of doating provented buriuons in Whant. Suise has inprored









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We have to report an increase of act
tural heed tract, the recent showerss having in the agricull demand for sowing Musterd and Rupe seeil: white Mustard

 | firm. A few samples of new Englinh Muatard and fed Clover |
| :--- |
| eeed have been shown in Mark Lane. For vuw Trfolium on |


 hald is under the average, and the phant from which the veem
toust bo saved, Loth in this country and on the Continuent






 2a. per ewt. darerer than hnst weck. of winter Tares the stocks



 stato, and encouraging to to into stocks
JoHis SBul\% \& Soxs, 16, Water Lane.

## averages.

| July $\quad 3$$\begin{aligned} & =10 \because \\ & =10 \\ & = \\ & =310 \end{aligned}$ | WLeat. | Barley. | ata. |
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| Averago | 404 | 32 |  |

PARTNERSHIP, or as MANAGER, with prospect of





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 Ploughing, Sowing, and Laying-out of the Ground and the Dispobsi information miy be obtained from the To pern Cormed Bedford.
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 Address, stating terms, late employment, and other particulurs,
A C D, Bayford fi nusu, Hertford WhATED -Johy Watreber \& Sons are desirous of
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 W ANTED, by a Clergyman, a GARDENER, Single-





## WiNTED, in a Country Town, a SHOPMIAN,



 W ANiLE, an APYKENTLLE, in the seed Trade, to
 W ANTED, a JUNIOR ABSISTANT, in the Sced


WANT PLACES.-Letters to be Post Paid
E XPERIENCED GARDENERS (or as GARDENER



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WM. CUTBUSH AND SON beg to Bttate that they mose chancters w. il bear the strictest inqurry. ADP Gentleman
 $\mathrm{M}^{\mathrm{R}}$. WM, PAUL bege to announce that het has made



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 I AMES CAR'XER AND CO. having many applicationsfill the thove request that those WANTING SITUATIONS
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 (TARDENER (HEAD)--Single; thoroughly practieal in years' eharacter -J B. Post Oflm, North Street, Grove Road, N W CARDENER (Hz.AD),-Age $30 ; 17$ yenrs' experience
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BRADFORD, 2, Cross Hoad, Twikenlinn Green, Middegex, F .
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department Kefercnce hindy permeted to present and proyol

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 Plat Grower, Fli wer and Kitcton Gardener, Fir Sott-womed character from last place-Addreag 129, Clapham Park Road, \&
A. LADY washes to recommend a thmoumhly good HEAD


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( ${ }^{\text {ARDENER (HFAD }}$ ), or GARDENE $R$ and BMLLTFT.









 (TARIDENER (UNDPR), it: ag iod pare



 CRODND FORENAKSErymen. ( ROUND FOREMAN,

(TROOM or GARDEAER - Age - $\ldots$

 Agents-CROSSE A AD BLACKWFLL,
Dealers in Saucos throughout tho Wort.

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JKLE'S ANTIBILIO INDIGESTION


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Co
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## COCKLE'S ANTIBILIUL

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EITLRDAJ，Al゙じSL 28， 1869



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St．Paparnas lron Work Cobsid \＆E

## ORMSON＇S NEW PATENT ECONONIC BOILERS，

DUSON＇S CONVOLUTED BOILER，ORMSON＇S CONCENTRIC SADDLE BOILER， ORMSON＇S TUBULAR BOILER．

## MANCHESTER EXHIBITION．

OPINIONS OF THE PRESS－EXTRACTS．

## Inve in＂Sheffich and Rotherham Independent．＂

Whes has taken our attention most，however，is the tent and its －Lins，belonging to Mr．Ormson，of Chelses，and we are glad 10 Wh thealse of the perfict novelty of the ideas set forth by him．In ant pace，Mr．Ormson cxhlints a perfectly new construction of －the ：frie of the ppqhiction of the primute conservatories．There －Cesenthe Sadae，the Convoluted，and the Tubalar，endedively， arr ite ctert，to suctesfully attained，is 10 present the largest －ha mount of surface to the action of the fire．In most Boilere，the Encimunaxated only in at lateral manner，and a large quantity of Extumed to no purjose．In the new Johlers double the nmount of Ery $u$ es obtrised from the same amount of fuel Being made of wh manght iron gives them another great advantage．Cast－iron liat mowject to cracking from expancion and contraction，and Eatfif yhap have rot uncommonly been sustained in winter from bum．Buch sccidents are impossible with Mr．Ormson＇s Boilers．＂
＂Onma＇r Patent Convoluted Welded Wrought－iron Boilers．－Mr．Henry amad dinaley Bridge，Clelsea，has recently patented a Hot－water Boiler，the Fiscrit of which is the retention of the fire，and consequent exhaustion of its sepmer on the various heating surfaces of the Boiler between the water spact－， tr illowng it to pass up the chimney
Smm the front it not only shows the outer water chander，forming the ava in drect contact with the fire；but two connoluted surfaces，lintmon which the must pass．


From tha＂Sciontific Reorerc．＂

## Jom the＂Manehester Gmardian

Particulara of such as deserve definite mention we muta defer to another issue，in order that wo may melvert to one or two matlens accessory to the main object of the Exbubition，and apecially to Mr． Orman＇s New Boilers for the heating of hothousen and conservatorice． The opeciality of these boilers is that while made of wolled wrought iron，and thus rendered cruck－proof（in strong contrast with Cuntwron Boilers），they are $m$ conalructed an to utilise the whole of the firv－ hent，and give a much larger amount of heat for the sime amount of fuel．This is accomplished by there boing no laterel weste， at in all or most other Boilers．But thowa interested in the wulject should $g 0$ and view for themselves．Three form of Boiler are ＂xhalited，the Concentre Sodde，the＂Conv hated，amil thu＂Tubulat Mr．Ormaon also extibits some very ingenious Plans and Models for Gardens，by whis the whole of the fruit－produc is securevl， no mutter what kind of season it may be．Theos we shall describe in our next．＂
＂It not onl！checkn the heat from passing away direct，but receives it full force； whalst the inner water－rlamber in subjected in wery lirt to the masmum of heat，nud En is the inner surface of the other parts of the Boiler．Being set in a chamber of brick－ work，it is evident that no appreciable loss of hant nan ensuc，rnnarquendly it muct be


 improved syatem of weldug that material，arg very cafe and extremely powerful Boilers．＇

## Henry Ormson，Hormiculturai Builder to Her Majesty，

ITD HOT－WATER APIARAIUS MANUFACTURER TO THE COMMISSIONERS OF HER MAJESTY＇S ROYAL PALACES AND PUBLIC BUILDINGS， and to tee royal hoaticultural society， STANLEY BRIDGE，KING＇S ROAD，CHELSEA，LONDON，S．W．

## GREEN＇S PATENT IMPROVED TUBULAR HOT－WATER BOILERS



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The tan be set to work at a nominal cost，inasmuch as no brickwork is required，as will be seen from the above drawing，they are placed upon a Cast－Iron Sole－plate， nan the peculiar and Foundation and Ashpit．
on bot feel coniar and substantial manner in which these Boilers are made，they are warranted to last for years without getting out of ordtr；in fact，we guarantee them or Thepenially adapted thiy will serve all the purposes for which they are intended for a much longer period．

## THE FOLLOWING ARE THE ADVANTAGES OF THESE BOILERS ：－

bej reguire no setting in brickwork．
Ther talke upplete in themselves，having perfect menng of regulation．
are econome room，and can be put in places inaccessible to other Boilers． which the fire acts in a direct to the great amount of heating surface

5 th，The fire can be made to lat from 12 to 24 hours without attention．
6th，Any number of Fl ws and Returns can be annexed to the Boilers by means of T－pipes．
7th，By means of mud doors，they can be readily cleaned out when required．
8th，The Chimney is made of cast－iron，which can either be taken through a roof or furned into a flue，to meet the convenience of the situation that it may be fixed in．

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The Hon．Sir George Roso．
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 tlon and adico cootninad in this polume＂btich will biv certanin to ＂WF cordarly yommoud it to the mecmention or landowneri，
 obsorration，and his oxparionce．＂North Britigh Approwturitit， FILLLAME BLACKWOOD Aニ̈D SONS，Edinburgh and London

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 A SMITH，Civi E Emineer．

LoNgMary amo co，Pateroumer k．

##  <br> The Court is Scothajd－I：

 Loulsa，Princess Beatrice．Prin
Pruces Clistian Wirtor aud
Holstcin，arrised at lualmoral a
the Queen drove out with Pron
Beatrice，and Prince
out grouse shoting
Prince Lequold attended Dimay 1 church of Crathie．The Rer．C Tainer Monday the Queen went out $\pi$ ith Queen drove with Princess Clma Sliel．Prince Christian went out deer－． friday evening the Prineces House frow the Continent．The chuse fren remane at Vildbad．
the Prince attended the performances a left town for Unday morning h－li． left town for Undertey Hail，Westamer the Prince，accompamed by Lord hitio proceeded to Killington Common， land Feils，where he enjoyed snme
made a capital bag．On Wedn Royal a capital bage On Wednerdsy ir－： arriving at Aberdeen at $10^{\circ}$ clock on Tbursith $1 \times 2$ and at Balater at ochock．
Pabliamentary Muvemext－－The the poll at the Antrinl election were in onn
last week，in cunsequeace of an error in one of the poll clerks．The oflisial dean tbat the numbers were as follows，－－
Adair， 2291 ；majority for Sermur， Caithuess election terminated on We return of Sir Tollemaclee Staclair，the Ra
date，by a majority of 72 over Mr．Traill， date，by a majoril

## being 432 to $3 i 0$ ．

Election Petitions．－Baron Cleasbj he order that the sum of 10001 ，deposited for cas to the sitting members for North Noffoll，
Walpole and Sir Edmund
$\mathrm{H} . \mathrm{K}$ ．Lacon，bar case of the Thirsk petition a balane ordered to be paid to the petitioner．
DLibCTION COMMIS8IONG－Mr．Dowden－1
Mansfield，and Mr．Biron，the Rogil Comis appointed to inquire into the late eleotions those at Beverley and Bridgewatar have fo their sittings，but no results have jet beena O＇Brien，Mr．＇I＇homas Irwin Barstom，and sham Cox．The Commissioners at Bridz Mr．E．P．Price，Q．C．，Mr．Chisholm Ansleg，ati E．Coleridge．
THE BIsqoplic or Wiverk which he has held for 49 veary，retaila， Wastle for his life，as Dr．Blomfield rela Palace on his resiguation of the doceese of $L$ is rumoured that the Bishop of Ociord， staying with Mr，and Mrs，Gladiktone Castle，will be transiated Bishop W．Wber！ Bishopric of Oxford，and that the yarat－an Wishopric of Oxford，and trat on Dr．I new Master of the Teraple．
new Master of the Tereple．
－Lard Auckland the Bishop of Bith suddenly attack，with entensy on Surs ordship had been making arrangements a bishopric，under the new Resigaun hopes are entertained of his recovery though
THE Brsiop or Lrcaizel weak，is slowly improving the daly take a drive of aboub two hest，the ners being very much out of orde staying at Chapel－en－le－Frit
T＇he Bishopric of Edinbubgh－The lic Thomas Baker Morrell，D．D，has reivg Theinopic or the Chesiter．－The Her Kingsley has been appointed canou of Cheater vacant by the appoin Bishopric of Sall－bury．
TMe Colonibe．－A meeting of the colonito Englaud was held on the 4th inshe sh En consider the effect of the reshather Foreicn Olfi：e to New Zealand and interests of tite colonies．A commineed to tive by which a circular bus been ad North South Afrioa，urging them to send rep conferenco to reeot at Westminster．Enuland the relations of the colonies Parlament sha nather，whep
THE CHANNBL SQUADBOF，－Mfr． Lord of the Admiralty，and vior－aif Dacres，the First sea Lom，Plyouth by rai secreting，and went direct on logard the in Citadel，and the Monarch．
mand of the Channel squadron，and Channel nnder sail for Gibraltar，


lutin. limadenourl
ammater-at ('inef of tue Fiees
 o ner, duptars ilsy; 4 Hereules
 an fons armuured, ron-bult, of luw ytum Marteu, li MoLareh, sorew. atred, iron-built (thathe-\{urret).
if gitus, ukitio tons. unarmoured, torse power, Captall A plin. At
terratean lleet, under the conmand terraman theet, unger the command lhon proceed on their cruse, ; at the
lieh tue combined fleet will anchor hen the oth Lisbon for two or three days.
 tor ata. the Mediterrabean, while the
Atm.ra.ty flay wilf sali for (ufens"ar Atmira.ty flay wil, salı for
and w. W.al artue about September

## forcigh.

an a pais on the Bourse on Tuesho left on Monday fo it consequenco of a rolapse
Renter fell conciterably at report, but ralled on the con not finly , houng at the The Consfitulionnel of Tuesday The Emperor was quite well, and exercise that morning. Th the a cordial recertion. They for the wight, and on There they met with an Yesterday morning her
isited the ('athedral and visited the Cathedral and
onlarked on board th The rumour that Prince ed to visit Suez and India is mperor presided at a Counci]
day and at another on WedGifneral Lrboup Disister on
the late Marshal Niel. The known to many officers of the I he served through the Crimean manded the artillery in chief after
reveral Thery. He atoo comanaled Imperial Guard during the Italion Da the sitting of the Sonate on Dempone read his report on the liy down its own Parliamentary mby modification of which it may Heration by the I.eaislative Body. tigation of a lasy by adopting a recharation of motives " have fe ad litional paragraphs have been
the lith irticles. The renort the had lith irticles. The regort ward, and which tended to deprive power of selecting for mayors recults which have attended the ramely, tra口quillity, development ed wealth, France, sup-
ready to ready to proceed to the Prom a dictatoralip to the It states, in couclusion, that
oldate the work which has beed ate will ummence the discussion ral for the Department of the Seine pred at Rouen on Tuesday. M lecting their own president and granted to the Consels Généranx
rial of Thursday states that the feen convicted of does not apply or any other wolitical personage Rochefort by the Rxppel of France only if the electors sho is dre Ponce de la Tour d Auvergue has
ust, expressung approval rted that France has had no the King Consort and the on a risit to lier mother, a suburb of Havre. Sir in Paris, on his Hay to Ems
Codriugton, who has been visit


 Fourteen persons were billed


 beens lisperved; and Pristans and ly ot luat hasurathe chefs have boen arrested at Prepughan in the attemp to enter Spain. The priest Milka, a lender of b Cur band, who had been sentenced to death by Coumoil of W ar, has been amnestiad. The bighons hove mot oboped the ordets of the Govermment, and will be iudicially
 lleet at the bornbar hment of (aldow dtarmen tha late War with Perle, Uter! om siturdiy. Sis thuusand haen are about to leas Cal\%!or Cuhs.
Pobliticil.-'The Chamber ol Deputea on Friday Souti Eantern of por 39 to 3, the indemnity to the Quesn has returaed from sbroad The Corten The closed by tho lioge in persou with the usunl weremontes. Jis Majesty delivired short mpeech, in which he said that every efliot whs being made to remore the finaniona equilorium and to revive the would seriously comsider how to anmmont he bmour and dimitish tho expenditure. His trajesty in 000 clision, stated that the independence of Porturge would be sedulously preserved.
BeLGITM - Henrl leys, the psiuter, died at Aut werp on Thursday morman.
Prussta - The King has returned to Berlin. The Forddeutsche Allgemetne Zertung, contradieting the rtatours which have appeared in several now-napers the Parliament the sanction for any supplemeutary credit for the army budget.
Bavaria. - The commission for tho settlement of Gerquestion connected With tha fortresses of South of the X was openel ou hurmay by a representalive of representatives from Bavaras, Wurtemburg, and Beden.

AUsTria. - The Tienma Gasetie of Sundey publishes an antograph lether of thr Lisperor, dated the lyh instu, to the Malster of ar of the Empire, orderiag Warasdin, and the dissolution of the 11 th and 12th companies of the border regiment ot Saliun, those civil adminiatration 'l've same change is glso to be
 In conformity with thin letter Count Tumfe and Count War Ministers are called upon by two other autograph decrees of the Emperor to draw up ia accondanne with decrees of the Emperor to dmaw up ia accoriance with may be agreed upon between them for the execution of the proposed alteratuns. Two more Imperial decrees of the same date, addressed to the Hinaster of War for the Enpire, order the later to forward to the Ministries of hot in prtions of the wmpre the necessary information ior constitutionally executiog the proposed change. An Lmperial centee convokes 9 eral proviacial Dics betwec Sen ar next The Iinister of the Interior has edressed a circular to the Governors of the several provinces of the empire, station that the present legislative system does yot admit of an interteredce ou tho part of the Goverament on the question of reduchg the number of days observer as holiday in Austria. The oircuas further states that if cervain holuays aro to be rone away with as superfluous, the mattor must bo left th the discernment of the penple themselves, to be deal with by them as they think itit. The authorities wil gee that official business is duly attended to on al abserved is hol lass, ant will use thenr mfluence with the people at large to induce them to follow the same example Fieid-Ma
HuNGARY.-The Emperor, who was expeoted at Pesth on Weduesday evening, was to ingpect the Honved Battalions on Thursday, and afterwards pro Karageorgevich was to be proceeded with before the Supreme Coupt on Thursday
Greece - The King retarned to Athens on Monday from Corfu. Tho Chambers Lave been proronured for 30 dars. A canal through the Isthmus of Corinthis the subject of conversation. It woula not be more than at wren 0000 fr. If this project were carried ont the time betmeen Marserlles and Constantinople would bereduced by about 14 hours

ITaly.-The Offeial Gazffe of Friday futhishe a Royal Decres elosing the present session of Pariathe date of the opening of the new session. The Dizione somtradact the ruman financial operation of $300,000,000$ lires with certain basking firms, on the $300,000,0013$ lires with certain asant

## 

 Heral latoly of of the



 TUHEBY, -Talabout Pasba, $F$ rut Sinaretars of the


 "'agha procoeded immer tiatoly to the Grand Viajer" res. lentap on the Buapharats, and the latier at onoe
 Hithnems is statod to give theretn amt le assuratices of his layally to the Nuluat 1 laln 1 les, the Foregna Uader-Searetary, was seleuted lust werk, tu proweed lo Livadis, on behalf of the SulLan, to cunsuliment the emperor af Tumata on lisa arrival thare but his mis-

 Ver) ${ }^{\prime}$ the lakh 1ust. It is satd that how Will vas (intashanti-









 paly to
 affected, it was explanied tbul the measure was inkended
 impartial, but it was trusted that the drmontion of tho magrstratos would proteot Litrenpeam. ()nos of the members remretted that the farmers wers not ulill allowed to shoot down all thieving nigesers. The Bakuto uestion was mot 3 et sethed I'hocolotasts were anuch anmusa! at the with lrawal of the trounn, athl the ciape Standard had publushed an artuole stamor that when the troops were taken awby the Cape would virtually

 Power. The diamoud disooverses contuued. Alree stating that they were wrecked in the Portuguese brig Norss Senhora of Cononcas, on the 29 h of May last year botween Delakoa Bay and Port ratal, and that besides the crew a detachment of troops was on beard, makiog ailngether liJ persons
 Four days after tho wred the caulate rart of lie crew ond the commer of the twoops. fhe his wife und hild a 40 older of maller boat for Delaro Buy The Kaffirs treated all the rest woal for Delasoa bay. The kamuh Sulse the rest well, and took them into the bush, Subsem risnners with the Kaflis
India - The Indian Daily Newo gayo that, after all that has beensaid on the subjoots, it is poasible there nay be no durbar at Agra in thonour of the Duke of Dainburgh, as the prospects of the crops in the adjaco rovioces are Kor goos, save rafuced to sllow the gans meat be thith there to pare the de preconted of the oritish to Shere $A l l$ to pass the de.fa. The Counch of thic tare the scheme for a rallway wo Darjeelim. dease in tha sonderband has been dolared to ba dential wir tho rinerpert. and hablion the Conal pubicly abjuren tho relik on or
 nianw marriake hus taken pice at Cakena, sud Thuied some excifment in the native commobity Iwo Bengalee ladies of pond poritien have raphed for admision to the Matreulatho Examsath The In conbeotion with the calcuta University. Hindoos have supplanted the Jahomedama which the latter formerly monopolised, thay have almost coased to be employed. The bakives of the Andaman Isiands aresaid to be following the universal law, and dying out with the iatroauction of civised labits The King of Burmah is reporied to have apponated a nobie of the hiqhest rank to sit as a courk, ointly with the politest aqent, to hear mes baween Burmese and registere Furopean tubocts. The old
 Mahnmmedan arrhiteriare in the country, arm to be out ti repsar. A nimbor of metal to be 11 imion to be upwards of sin years old, and to be Hindoo ulols, have been duy up in the forion at Sinla is diacovery of a ven of meerschatan at of tha $23 d$ Wolsh Fusiliers, named Green, who was senterited to death for murdering a sergeant of the repitueris bas been hanged at Bnmbay. A soldier namer crioson, belonging to the after havisu been dr.ukug heavily,
and the coroner's jury returned a verdot of Murder
${ }^{\text {aganist him }}$ C'Hisi.-The Pekin Government has deftutively rofused to ratily the lBurlonghame Convention with the Unted Statem It appears that the Cuinese text of version, nemd nppxirted hou ensoy to a tributary replying to an address of the Britthth and Awerican the policy of Mr. Burlinglame, which he conto pronrcss. Eduality in the relations was imposon the part of the foreiga powers and attitude to produce war, as the revelations made proved The mistaken moliry of the British Government. that it was hastened by anxiety, in consequence of the teatent troubles. Great ill-feeling anainst foreigners is receat troubles, (xreat in-feeling against Joreigners
said to exist, on the part of the nativo, literary, and
official ol ases at Foochotr. Her Iritannie Majesty's Consul at Hankow and a party of friends, when out on a pienice were driven away by a now on hatives, entiny little children. The Chehien of Shanghae was recently mobbed and beaten, in order to force him to exant vengeance on a foreigner who had killed a Chinese. He was rescued by the Frenoh police. it is rumoured coolies, have signoffed their willingness to huared gitators of rebellion at Soochow. The gasworks at Pekin have come into operation, and the Customs yamen is liphted from them The Pekin College is said to be failure. A larger number of pirates have been captured by H M.S. Bouncer, in concert, with two Chinese Imperial gna-boats, which did good service. Japan.-The cuyl war is ended, and the Duimios are disarmung dead. The Hayamaro steamer has been totaliy lost by striking on a rork in the Inland Sea. Twenty-one lives were lost, inciudiog Mr. H. D Margesson, merohant, of Mano; Mr. Warnwrilht, Editor of the
Hiogo News ; Mr. Kalle. Mr. Muller, Herr Jaohimek, the pianst ; Captann Hill, and Mr. Watts, second engineer of the ship; six Chinese and eight Japanese. The versel went down in seven minutes from the time
of striking. of Btriking.
Nove
Nova Scotia. - Prince Arthur landed at Halifax from the City of Paris on Sunday morning, after a voyage of less than seven days from Queenstown. His Young, Sir Hastings Doyle, and other olticials, and was escorted to the Governor's House by the 78 th Highpostponed on account of the day being Sunday. On the following day a public reception was given to his Royal Highness. The Recorder, on behalf of the Corporation, read an address welcoming the Prince to Nova Scotia,
and earnestly assuring his Royal Highness of Their and earnestly assuring his Royal Highness of their Inyalty, npd their deep respect and atection for has gratetul thanks lor ine cordal weloone he had recelved, and ins great satisfaction at findug how highly the people uf Nova scotia cherish the memory of his
grandfather, who had governed the province. The affectionate allusion to the Queen, and the hearty welcome of her son, would, he sadd, give lier Majesty great pleasure. A lurge processior of the trade societies and a review of the military by the Prince, followed the presentation of the address. The city
was illuminated in the evening. On Tuesday his Royal Highness was the guest of the Bishop Halifax. Sir John Young, the Governor-General of At a banquet given is his honour, he disavowed the language attributed to him at Quebeo preductive the severanice of the Dominion from Great Britain. He relations was probable
New Hampshires. - Numerous Grant is visiting in express surprise and regret at the report that Prince Arthur will not visit the United States. The New Fork Herald says the reception of the Priuce of out the country, were guarantees that the Prince would be cordially welvomed. The Massachusetts Democratie State Convention have nominated Mr John Quincey Adams as Governor. They have aloo taxation and the high tarifi, and favouring the earl Monroe doctrine, and and complete protection mention is made of the national debt. Nh delphia, and delergater are preseut from all the States, representing varrous trades and manufacturing interests, resaraless of parly cousderations. The national bauking system, and fapourne thouneng the of State bonds and whe debls, both public and privato in currency. A further resolution favours the taxation of bonds and the reduction of the rate of interest of the Nationai Debt, declaring that the present financial system was adopted as a necessity during the war, but is now perpetuated in the interest of the bondbolde The continued drought is reported produang classes damage to the corn crops in States. A riot occurred the western and southern ennessee, between the whites and negroes. 'Two maona whom were several offiners of the sheridf 'The
of Mr. James Fisk destroy the town. 'like dispute
the possessios Fisk, Jun, and Mr. Van Valkenburg, fo
in New York, have at last led to a collisinn. The
traftic having come to a dead lock by Mr. Fisk betng in possessson of one end of the line, whilst Mr. Val crains filled with their workmen, whicul ran into each other. The occupants of the carriages, or such of
them as were not injured by the collision, then jumped out and fought with knives and pistols, and in the conflict several among then were seriously wounder The means of transit being thus denied to the publu the governor of the province interfered, by appointinh a receiver and superinteadent of the railway on beha. of the State, leaving the belligerents to conclude thel quarrel in another manner.
Brazrl.- T'he allied C'orps d'Armée, under General Portucho, is marching against Vilarica, and the opans are immuent The Prince of Saxe with the Brazilian Princess and family, had left for Lisbon.
South America. - Captan Webber, an officer of the British artillery stationed at Gibraltar, left Buenos of the same corp, to erosis the Cordlleras at the pas of The samasta, which is reported to be moro thau 16,000 feet above the level of the sea. When they reached a height of 14,500 feet Captain Webber was attacked with "puna," a disease pecuiliar to the high regions of the Cordilleras, sand due to the effect produced upon the lungs and the circulation of the blood by the great rarefaction of the air. Џe hecame delirious, and Lieut. Wallace, who was himself suffering from the same cause, retraced his steps, keeping Captain Webber Webber died, however, when they had descended about Webber died, however, when they had descended about
1000 feet, on May 2, and his bod y was buried on the side of the mountain. Lseut. Wailace returned to Buenos Ayres, which he reached on the 25th ult., and subsequently embarked for Gibraltar.
Islands state islands. - Advices from the Sandwich Islands state that the Duke of Edinburgh had arrived at Honolulu in the Galatea, on bis way to Japan, and Cubs.- beendially received.
CUBA.-Accounts from Havannah, from insurgen sources, assert that the Volunteers are again becomin
insubordinate, and that a conspiracy, in which severa nsubordinate, and that a conspiracy, in which severa prominent Spaniards are involved, has been discovered
in favour of Cespedes, the insurgent leader,

## UtD IntaItgence.

Money Market, Friday. - Brittsi Funds Consols closed at 93 to 938 both for Money and Account; New and Reduced Tharee per Cents., $93 \frac{1}{2}$ to $3 s$. to $8 s . \mathrm{pm}$., and June, fis. to 10 s . pm.; India Five per Cents., $112 \frac{1}{2}$ to 1134.-FOREIGN: Danubian Seven per Cents. $112 \frac{2}{4}$ to 113 , -FOREIGN: Danubian Seven par Cents., 901 to 914 ; Peruvian, 791 to 79 ; ${ }^{2}$; Charkof 93 to $98 \frac{1}{2}$; Italian Tobacco Loan, $87 \frac{1}{2}$ to $88 \frac{1}{2}$; Turkisl Brazilan, 8t to 85; Thited States $5-20$ Bonds, 848 t

## filetropolts any tt\% Ficinite.

## fre Marokali-Since the announcement tha

 year man Dakia will not be put in nomination this Besley consequence or health, and that Alderman elected, a requisition has been prepared, and is beion numerously signed, inviting the present Lord Mayor, Aiderman J. C. Lawrence, M.P., to discharge the duties of the office a secnnd time.Murder of Miss Tinne in Africa-Accounts reached London yesterday of the death of Miss Tinné, the African explorer. On her way from Murzuk to Ghat, on the Abergoush Road, lat. $20^{\circ}$, loug. $13^{\circ}$, she fell a victim to the treachery of some camel drivers. same tier ahendants, have already started from Malta to Tripolis to sisit the scene of the disaster. Miss Trinue was hardly 30 years of age.
The New Vicar of St. Pancras.-The Dean and Chapter of St. Paul's have conferred the vicarnge of Chameras, vacant by the elevation of the lev. W. W Anthony Wilsou 'Thorold, of Queen's College, Oxford, late Rector of St. Giles's-in-the. Fields, and now minister of Curzon Chapel, Mayfair. The vicarage is Dramiza yea
Distribution of the anglo-Brlgian Prizes. - The ceremony of distributing the prizes won at of the Anglo-Belgian Prize Committee, took place on Friday at the studio of Captan Mercier at Albert (iate, Hyde Park. Lord Sefton presided, snpported by a number of Voluntcer otlicers, and the prizes were
distributed by the Lord Mayor. At the conclusion of the ceremony, Colonel Labrow, of the 19th Surrey, moved the thanks of the committee to the Klog of the Belgians for his second donation of 1501 . Captain Was carried unanimously. was carried unanimously. Mr. Van de Velde, secrehary of the Belgian Legation, returned thanks for the countrymen, and said thet though he could promise that the citizens of Liege would give the Volunteers most cordial welcome on their approaching visit, it the Belgian civic guard in this reception given to Carter noved a vote of thanks to the Lord Mayor, which was carried with enthuwiasm.
The Resoval of Gas Works.-The great City cas companes are preparing to remove their works

If to open socounts to the regiet rar, tum with reference to other legal socteticen 11
ifter a long discussion the amend a long discussion the amond
by a narrow majority. On the number of apprentices that
a 3llawed
f sprentices uas justafiable and fair, the apprentiees being proportioned to th sren intuent

2nterested. most intorested. Ilhis was afterwards an amendment relegating the matter to cuths in each trade to the number of men After some discussion the origital motion Among the Papers read during the gitting Purtnerships as one means of gajning the Trades Unions" and one by Mr. A. A.
Priory Hill, Brecon, on "Co-operative Priory Hill, Brecon, on ",
and Industrial Partinerships,"
on the co-operstive principle."
EE THuBES EMBANEMENT, It is reported that * liun of the Government has been given to the in the Thames Enbankment of a building

## Gumpls.

TOMB of HRNEX VII. -The well-known n. noanment in the chapel of Henry VII., in
tmater Abbey, has been cleansed and revived. moub inalf is seon to be of black marble; the wit other metal adjunots are gilt. The The ays:- The gilding is for the moat part in at groups in the circular panels round the wn now obvious, and the insoription is legible. bern metal sereen around the tomb would prevent ten i-rcstared bragatness from interfering with re harmony of the chapel as a whole, even
or shtness more garish than it is. Nothing been done to the screen; but doubtless it will ed and the small portions that are gilt brought aok.ug at the tolerably complete appearance of ter luat lu0 pleces are wanting to make it perfect wutb we beliese is the case.
IITis Explonation
imin explohation. - Dr. Gedge, of Bury fl.cal statr in Sir Sumpel of superintendent t.7a. 1)r. Gedye is ael Baker's expedition also entrusted by the for a musoum about to be established at Samuel Baker's expedition, 1700 strong from Alexandris on the 18 th inst. for the Sile and Soudan.
bat yinu CHURCH CONGRREs, - It has alreedy, meitycarmill meet in Liverpool at the begianing of a working man's meeting will be held in wita it, at which the speakers who are

 R, A. Uross, M.P., and Mr. E. Whitley. wned, sll gratuy trokets, of which about 2500
We understand that when Dr. M'Neile, Dean , wa 0 童 Bpeaker or reader at the Congress, he to protest against the recognition of a man in - L Dureb

- Lodinn Chubches.-A now church is about cited close to Finsbury Park, at a cost of so00l. as handsome structure in the early English will contain between 900 and 1000 seats. Q. B. Iatreille, of King's College, London, du George the Martyr, Southwark, will be the parsis of South Mackney, of which the Lian, M.A, will be the incumbent. A Sashorough Roed, Brook Green, a district the Rev. William Mantish of St. Paul, HamHome \issionaries, will be the first in-
mozer
at Richmond. - On Thursday Teck laid the foundation
rapidly-spreadiug suburb of Richwas given by the late Lord Justive church, which will accommodate devigus of Mrected in the early En
Rr 0p
isch of AcTon. - The valuable rectory of Acton tarla, Mustrave Harvey, curate of Hampstead.
it Bis WuRKEOTSE.-The poor-law inquiry *h tase mas brourliment of the poor in St. Panoras E terot who bought to a close on Saturday. Mr.

a cier hay teen addreased to the Admiralty by 148 shan einulosed at Somersot House, saking for su duy the Admiralty in the made by Mr. Baxter, atboy consider cast an undeservod stigma upons public sorvants. The reply from the
the unxious that there bhould be no mis-

 that a F'nlan excursion would start to-morrow (Sun-
day) for Hampton from Lincola's Ino Fiold procession of Trishmen and the noble deughters of crin, scoompanied by bands and banners and outriders," fival that with which the vursion, uhich 18 expected $h$ ioflected, has since beeu announced Timpton 18 to bo ment is headed, "The aumsersary of tho Slege Limerick.-Grand National I)emonatration. (iratid 1869 , excursion to Gratesend, Sunday dumust int oning to the great success of the commititee silss that, and at the request of humdred the of excursion attend it, the commattec have resolved to celebrate the anniversary of the Siege of Limersck by a grand river excursion to Gravesend. The excursion fill be larger and carried out on a grander prinoiple than an bitherto in London, and will be attended by saver distinguished Irishmen. The manifesto concludes by skying: "The committee, whioh is composed of zepre sentative Irishmen from alf quarters of Loudon apper to all honest and non-factions Irishmen to rally round them on this glorious occasion and pive a hearts and of the arintocracy of intellect and honnesty, not of birt and will feel content to see themstlves surromble i men whth frieze coats and howest hearls-m oller
who are the kops of cur rithit although not its él

CoLlision in THE JHAMEs.-On Priday moraing for Singapore, was run dons, laden Fith a valuable cargo, Gravesend by the steamer Northumbria, of 1000 tons, for Cardiff. It was the first voyage of the Northumbria, Which ran jnto the Hesperia with such force as to bury her bows in her, cutting her down to the water's edge, Fortunately for the erem of the Hesjupria the ime, so that the erew had tine to get safe on board but as soon as she rot cour the stesperio went board deep water. The Nortiumbria put back to the Tictoria Docks. The Heaperia and her oargo ware insured

The Late Explosion in the Rivér. - The inquest on the captain and seaman of the stem-tus which exploded a fow days sinco near London Bridge, verdict that George Charles Evans and Thomas Whliams were killed by the bursting of the boiler, but there was not sufficient evidence to show the cause of such bursting. They added that they entirely couderat the owners from blame, but felt that the Board of Trade to the inefficient manner in of the boilers were tested
Explosion of Firzworks.-On Thursday after noon an explosion occurred on the premises of Mr Darby, fireworks maker, in Hegent Street, Lam bet but in a large shed in the yard of whis house he keeps a quantity of rockets, squibs, and other firevorks for immediate sale. The shed has been blown to atont destrosed, aud the winlowis of miny bownes in the destroyed, and the $u$ in lows of miny lownes in the
nelghbourbood were broken by the force of the explonelghbourbood were broken by the force of the explo Fere knocked dowin and scorulted by the burang gquibs. The explosion is supposed to have been caused by the heat of the sun acting on the roof of the shed and
 considerable ill-feeling has existed among the Westminster suwerage men and some labourera from King Cross employed on the works opposite the House of Lords. On Saturday evening, just as people were entering the park to hear the band, a regular fight whioh lasted more than 20 minutes, oocurred, and notwithstanding the exoitement and the screaming of children, but one policemau could be found, and tha not until the meu had discontinued from sheer ex severely. It was only owing to the protection several gentlemen that the policeman, when h appeared, escaped $11-$ treatment.
TEe Great City Kobbeby.-Ciement Harwood, clerk to Messrs. Harwood, Kinight, and Alien, billbrokers of Abohurch Lane, ${ }^{\text {a }}$ son of the senior partaer,
chance of slenling bllt of exchange of the valuo of been taken, the prisoner was aghount of evidence had legeras of ANotieg PENiay Convict,-lt is be at onoe transferred to Mountjog Praon, Dublin ATTEMPTED MCRDEE
morning a young yomen In Boctrwiser.-OnSunday residing with ber parents in Riples Street, New Kent when souns man called Williem her father's Jowr 23 , who lived next door, cosme william li iuntrec, aked and exalamion, os Thke lhast," hered bi her 'ILLe or gloot, but the applos on wounded the arm of hath bal and the face and nech of her smed the arm of tiat gur the goung woman liwd huos siser athe prisoner ab for about siz years, but alluoush he hai not beed
 Police Station aid a Wera fourd on his perron, but the bullets would not fil the barrel of the pistol. He tald the inspector that in had purchased the pintol on Saturday morning, and


 refusing his address, was chargion on Jridas, on remand before Colonel Jeaker, at llighgate, with having man, name his own confenston, hrutally hwauked preyious Sundisyn, in the Arehmal rinsd. On tho custody at the F'jeet Street Station, stating that he had on the presious moght atresk a man on the head witl a brick 10 the Afelowar Rend, ated leff tim for dead after quarrelling u.th homabent a game nt dommoen He alno stated that he commatted the murder in Cammon strect sotne serts age The prisnner was brough. to the Bouse of Detention, in sirder that hos state of mind might be jnquired into. When brousht up on Friday oartificste from the chief warder of the House of Dotention was prodused, statiog that the prisone gone a term of six months' impromanment, but no onformation was given as to his sitite of mand. 'lilo granted he and -" About threes yars aqo I murdered a semento has not let me have ans peace." Culonel Jeakes exproned bas
htate of umbl is the at laren 1 remer negligence of the Governor of the House of Detention prisoners mental condition. The prisoner said he wa not mad, and urged the makistrate to settlo the caso more. The police stated that the prisoner had geveral times threstened to commit suicide. The prisoner was again renuanded, in order that he might be examined as to the state of his mind. On Monday he wes asain hrought before the Hishgate magintrates, when Colone Jeakes said that it has been found, on ingury, that bis tatements were untrue, and that he was jerfectly sade He was therefore disoharged, the magistrate erpressin his regret that he had no power to order hime good whipping at a rogue and a vagabond
Thr 8 ublio HzalTh. - The ligistrar-General' Woakly Return states that in the week that onded on saturday, August 21,4128 births and 31.59 deaths कer the Trited Kingdom. The 13 other large towns of Was 2j per 1000 persons living, being 25 mer 1000 in London, 28 in Edinburgh, 13 ln Dublia, 23 in Bristol 19 in Birmingham, 31 in Liverpool, 29 in Manchester 29 in Salford, 25 in Shatield, 25 in 3 radford, 27 in Leeds in Hull, 25 in Nowcastle-upon-Tyne, and 23 is 22 ner 1000 The tate in Berlia luring the seven day 2 per 100. The rato in 1000 , durd The seven day 1000 during the week ending lath inst. In London the births of $1000^{5}$ boys and luty girls, in all 213 children, here registered last wenk. In the ourresponding weeks of 10 years, 1894 \&8, the averano number, corrected for increase of population, was 2010 The deaths registered in Lomdon during the weel were 1527. It was the 331 week of the year, and increasa of population, Was 1464. The present return is therefore 63 above the estitusted amount.

## 懈obincial.

Cantain Georgommander-in Chier has exonerated Captain George, of the 7 ti Dragoon Gusris, fom all lhe altempt to murder a non mado in a mon Monday nioht but fortunately was made fal polt Gerjent Stecen of the sth Fusilion ceeing Corporal Gmonery comiog toresids his quarters,
 read but withouthitting it Sereart Stacer was it head, baty whetrat and been prompted by a suddea impulse to fire, and was extremely gla that he had missed his aim. On the pext morning Oustermaster-Serjesnt M'Elee of the 5th Dracoon Guartermaster-Serjesnt commited suicide by shooting binuself with his aarbine.
BRISTOL-The sentence of death persed on Willam Pullin, for the murder of alicemen, at the recent Assizes has been commuted to penal cervitude for life.

Cambringe.-On Monday morning an attempt was made by a publican named Mynott, at the village of wife. About 11 o'slock a person named 4kipler, baker, who lives un ler the same ronf, heari the report of a gun,
My gott had
 and harl then diwhreed the s
but without efrott Irs, My
to survien wast

 found on his taele declloning his intention to take his
wife's life ant then his own. He had lately mortgaged
 necupied by skipper. The guz was supposel to have
been loaded wih an rnsufficat quantity of powder,
and lience it was that the atrempt was not at CANTERBETRY - Ifat.l! crun of accidental poivoning miles from thic rity A hatmurer matad Lanceneld, in neighbours, numbering nearly z score of persons, were symptoms, and the medical meta who were called in treated them for diseate of that character. It turned out, however, that a sheepdipping composition barrel had
been transformed into a welt burket, and the persons been transformed into a well burket, and the persons
Who had partaken of the water drawn in it were poisoned. Tho of the patients, Lancefield and
his wre, died, and a chitd remains ina dangerous state, but the remainder are in a fair way of recovery.
CABDIFE,-On Thursday, the 17 th inst., a quarrel cook, who is a neero, and one of the sailors. From words it came in blows, nind it is said that the neqro
received the lirat stab. He retaliated on the sailor by received fhe first stab. He retaliated on the sailor by
stabbing him in the most frimbtul maner in the lett
breast. breast. Death was nearly instantaneous. The assassin for trial on the charke of Wilful Murder.
CarlisLe - The Marguis of Westminster has placed the sum of tonol. in the hands of the Bishoy of Carlizle
for the purpose of endowing two l'eel districts in his diocese the one at Cleator Moor, the other at Hawcoat and Newbarns, in the parisla of Dation-in-Furness
Jeal -On Monday the Cornoration of presented an address to Mr. Gladstone, at Walmer Castle. The Mayor and members of the Corporation. attended by the Town Clerk, tho town sergeants and other oftcers, procecded to Waimer, and were received
in the state apartment of the Ca-tle by Mr. Gladstone. Mrs, Gladstone, Mr. W. H. Gladstone, M. P. and the the address, which welcomed Mr. Gladstone to that part of the Kentish coast, and congratulated him upon the It
mnvigorated by the pure aur of Walncr, ard by the bourhood and that his valuable life might long be spared to be a benefit to his Queen and coontry. The
address carefully abstained address carefully abstained from making allusion to handed the address to Mr. Gludstone, and expressed his hope that the stay at Walmer would oonduce to the mote the happonessof Mrs. Gladstond would alko proreply, the Premier spoke of the historical reputation of they were then congregated of placo in which distinguished persons who had filled the oflice of Lord who at various times had visited the Castle. IIe ments contained in the address, and thanked the scenery of tlat portion of the coast, thougk not new to him, and it was, indeed, most delightful, while the air was thoroughly invigorating. He also referred to the of the commerce commented in the almosing in view of Deal, and which prevailed in East Kent through the fertile and Corporation for the honour thanking the Mayor done him and the syrapathy they had expressed with regard to
the etate of hia health. Mrss. Gladstone also thanked
the Corporation, the member fher conducted through the grounds of the Castle, which Giranvilie, the Iord Warden. EiETER.-The general co
Association met on Mond com to determino the British meching for next year, and to nommate a president On the propual of day by only four or five votes, Sir John Lubbock, Professor Huxley was elected to the presidency for 1870. Oue of the local papers last week to allowat the Rev. Henry Paddon Liddon, axad refused chaplain of the late Bishop of Salisbury, to preach in the Cathedral pulpit during the meeting of the believe that the statement is incorrect.
FOLEESTONE.
Theophesfone. At the Polise-court, on Tuesday, bery. Mr. Henry King, a barrister, staying at the 4 aclook on Monday mroused from bis sleop about missed his gold watch and two chains, his gold pencil
case, sulver fusee-case, and purse with 6l. in gold and
22s. or 23s. in silver. The prisoner, who ocoupied a $22 s$. or $23 s$. in silver. The prisoner, who occupied a
bed-room ou the same floor, was arrested wth the mising property in his posessiou as he was about
leaving for Lomplon. Ho was columited for trian at
the


 O, tober 12 . Cirencestor, 0 :tober 15 . The conferences si jer the best modo of promoting and maintaininge the org.nisation in the diocese, present and future ; and LeAmINGTON.-At the Town Hall last week Alfred Webb, 8 constable in the police foroe of this town, wh garden of Mrs l'ratt, c. 'The Grange. On two other localty fruit having been missed from the gardeu, the prisoner was caught in the act of taking the plums which he discovered by the light of his lantern. In reply to the Benoh, the superintendent said he. could The mothing as to the previous character of the prisoner and the mones was paid.
Lincois.--The Duke of St. Alban's, who is the patron of the vicarage of Redbourn, in this county, wougresation bis wash to reccive from thera a recommendation of a successor. His Grace says:-"I fee that if the laity generally had more voice in the selecthe hands and materially increase the usefulness of the Mergy of the Church of England. I sincerely trust if
the congregation accept, as I hope they will, this important task, their choice may prove a blessing to the parish." The parishioners have passed a resolution
aocepting the trust, and expressing their warmest thanks to the duke
Liverpool - On Saturday last, an elderly woman, named Hannah Tennant, a widnw, was found lying dead on the floor of her house in Clive Street, with her throat cut in a friphtful manner. A piese of her winddistance from the the inquest on Monday a medical man expressed his opinion that the injuries could not have been inflioted Wy her own hand. The jury retrurned a verdiot of known.
MANCHRSTRR.-On Sunday night a fatal termination
to a quarrel between a mar and his fitp ocourred at a
miblic house called the Cheshire Cheese, in the Oldham
"ent into the house and there found her hu-band, who after a few words, struck her a severe blow, from the escaped, and has not since been found.
Salford,-At the adjourned intermediate sessions Ior the Hundred of Salford on Monday last, Mr. the office of ohairman of the court, at a salary of 600 l per annum.
Stratrord-Upow-Avon.-On Sunday week James Higkins, 40, and Isaac Harris, 19, two labourers, of Leamington, well known to the police, were appressaulting Whond when on Sunday morning the prisoners and others were found by his lordship's keepers pmaching on his estates near Compton. A desperate struggle ensued, in which the keeners were injured and the men escaped, and in heir flght attarked the keepers with stones. Some of in custore py were apprehended, and another escaped by in custody were apprehended, and another escaped by
swimming across the Leam. On Monday the prisoners were taken before the magistrates, and remanded, the two keepers being so serinusly injured as to be Wable to attend to give evidence
Worcester.-The sentence of death passed on Fanny Oliver at the recent Assizes, for the murder of her husband by poison, has been commuted to penal servitude for life. The Bishop of Worcester has commeaced proceedings axainst the Rev. John James the case, by letters of request, to the Dean of the Cour

Arches. Mr. Merest is charged with having knowingly entered into a simoniacal contract, and been and with having at the Worcester Assizes pleaded Whereby he brought great scandal an the canour, The defendant denies that he pleaded grilty to a misdemeanour, his plea having reference simply to vacant when it was purchased. and further that ho trustees purchased it against his will. The case will be heard in Michaelmas term.

## Frelamp.

Protestant Demonstration in Tybone-The foundation-Btone of a Protestant Hall for the county of Tyrone was laid at Omagh last week, by the Grand 20,000 and 30,000 persons. A meeting was subsequently 20,000 and 30,000 persons. A meeting ras subsequently
held, at which Sir John Marcus Stewart Bart sided. The Marquis of Hamilon, Lord Claud J Hamilton, and a large number of tio Protestant gentr
 tot. Mr. Lilburue seoonded the prowesh
supportad by the Her. H. supported by the thap. H. Hzans (P
declared that they had met to nocol Empire and before the world thoord boto the
Mr. Gladstone and bis legiolatio guraring hostility to the polition gurated. Headvocated Proteotant manh
the conduct of oertain Presh)terisi
said, were making ingidious aid, were makiag insidiour attempts is
testant strength. The Rev. I) upported the resolution, whet, wasear!
Vr Whith pleflged the meetiog to tered that 1: Barnell supported the resolution, $w$... 1 in
 meeting, feeling that Irsh Proteotat hetrayed by English statermen Prota- and dever Protestants, while solemn cowwats and -acoording to the Bul of R. ghte and the testant Sovereign, they would labow and oonstitutional means to secured by the victories of Derry rim, and the Boyne, not forgoting the traguished Irish patriots before the and sympathy with all true $P$ Forid who aimed at the preservation sot an: Flannagan seconded the resol freedom unanimously. The last resolution, pledzed themselves to ald in the whim: ibehalls and Protestane churohes over tho la agreed to.
Ther Irase Crierch. - A laye olergy and laity of the untited diomon of Bre presidenoy of the Bishop, for the perpoon of our
 sketohed the basis upon which the conid synod should be formed, and said that io tho fly the number of its membera should boproon the population of the diocese; and, moon 1 . ronsist in equal numbers of lay and corimal mato A long discussion took plare, the rasulf of wh man in the diocess should he a menber of that each enngregation should be reprexanel delegates equal in number to the number delagates, the lay delegates to be commura caloulated that this will result in the f synod consisting of about fi0 meruber:
meeting of this new body is to the held Soptember
seconded by Sir Charles Laayon, a vota of thanto passed to the Bishop for the manver in which te conducted the proceedinps. Anamber diocase of Cashel have'presented anaddres laity, to consult as to the most fiting mode tion in any general assembly of the Chu hald. A Diocessan Synod or the clergy of the d The proceeding were oharraterised unanimity, and resolutions were passed in relopary the commutation scheme provided by the Chum-1 THE LAND QUEsTrox,-It is anionpool tic: Government, in order to prepare and
session, are about to take steps to colle $t$ natich vi session, are about to toknation bsaging question in Ireland.
Thr Fheitan Phisoners. - a mee
puble opinioa in favour of a celease prisoners, was held a few days since in Drogbels 8000 to 10,000 parsons attended, the greatef whom were from Dublin. the day. A procession was lormed, and the thisers marohed through the badin', streetry
flying and bands playing. The flats were metr "national" hue, but one of them was oramie mi in compliment to the Ulster Protentants, wit
the promoters of the meetina hope to cital the promoters of the meeting hope to
Rev. J. C. Mackey, P.P, was the prinempal aki Rexolutions were
'l'He Late Attempted Assassivatins - R the man employed in the London Por-chlwe wh acensed of shooting Captain Lambert a be tried at Galway by epecial commisingi
THREATENING NOTICEE IN Arthlone and Moate, on Friday, threatoring she Captain Tharleton upon any person was meadows let by Mr. Lawder, of Grallan

## Stotlamo.

Mr. JeffersMr. JFFFensos
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p$4 . \infty$
visited the field of the batite of
Cathedral of St. Andrew, Inve
Stone was laid in 1866 by
Septermbery, Special sarvices will bo hed
day and Thursday. On Wedposdy gersus
preaclied by the Bishops of Oxford and
we Biehops of Rochester and St. Sth inst the driver of the exprea from leeds to alherifly, opposite the Csstle, is in the Wie, and has boen built, from the
 withimal Chapter Hiwne on the $1-$ flomer by tho twiver, at the



irrmy T -On Friday afternoon of Stirling drove to the Abbey pose of inspeoting the National t, preparatory to receiving the

ons of Cowane's Hospital, in con-Lords-Lieutenant of the counties of Linen, sud Perth, the Sheriffs-Depute The monument is to handed over September 11, the anniversary of 11 I Bridge. Mr. Burns, of Glasgom, actan committe, stated that the arehy would cost nearly $14000 l$
vilis -1 steam omnibus, or, to speak trip through Edinburgh on the 19th sta omnibus pronrietor in one of th. I Eualand, who intends to have his ita $e$ cs, the first being at Granton , with the omnibuses attached to it, Juwn the incline to exhibit its speed which it could be controlled. It went ferate of seven mine. It turned in the road tre eave than if drawn by horses, was antalemsly at an thill. It then procceded trom - th, where the sccond stage of the trial ret, lumburyh. I'le road-steamer, with atartel from Constitua Street, ran at perd uf Litin if alk and Leith Street, and 3 siter mbich it turned down South Charand on through North Charlotte Street to miden standstill, to show how completely ammend, and how entirely it conld disThind of breete. This was ite final dis went rapidly back to Leith. The trial gucasily hatween strings of cart-horses, a and aba and the docility with which i 7 Thrud theдever
-tand surprise.

## axalways.

Mre Lxprese Tharsis To STop.-At the - mentleman residing at Hertingfordo answer a oharge preferred against him thost reasonable or sufficient excuse for The proceedings were taken under the Act 31 Tors, cap. 119, which requires that there
 3 miles Fithout stopping. It appeared (fin by the 2.45 express to Manchester aros. Which does not stop antil it reaches * Ind in the rear of the got into a shap, which is Hutield, at which place he wanted to stop; placed nearly in the centre of the train mounication which. Layes pulled the the driver and guard hearing the rue sound, lonked round and the effect the bradford carriage, ation just passed. The guard sigaalled tre defendant by a cestere in fimater tha misited, shortly after the frain passed to of suunded again, and on ita being - Idefence, said the defendant got out \& A nefoce, said he could not find a "slip aderite Cross, and got into the Bradiord the time-table that the upon his mind by
macistrates having consulted for some sald that they were of opinion that means of commotted-that Mr seans of communication without
sause. As, however, the had no rindiative feeling in the fas the first case of the kind that had r. Webb said he was afraid that the from the amount of the penalty
looked unon the offence as a very penherm, who appeared for the the remarks of the Bench were of proseculed at Eitchin for ptopping at district.- Et Wakefield on ton, of Stnckton-on-Tees, It grge prele red aganst

Wondon, when he had reached Sandel at muleeds ben the side of the train per man gesticulating down carriago window. In their prontod instructions mersan
 of station signali unless thats, perct in the froter tho
 deatell, ashort distance further on. At that plaoo the to IVestgate, Wakefield, and said that his intontions were to go to Krkgate station, in the latter town, and erfects iletified in stoppine the train trougat he was heim said that as the express was leaving Noptell pilotengine came in bohiad, end there was the possibility that had the train been stopped outside the signals a coltision might hare ensued. The Jenci as if was the first whioh had been brought before them under the Act, they merely inposed a nominal penaly which, including oosts, smounted to sots.

## 21 $\mathfrak{y}$.

CPRTRAL, Cmiminal Court. - Estrandinary Chasoe apainat Detecitue ofcer.-Thotict Rwharia, it, a rotired pollce morgoant panlaw andly conrpiring together to defeut the ends of juation
 false testilunily in a charge of felony aqaint two zoon, namod Green and Simpson, in order to procure tholt disoharge from Peekhan was robbed of life watol, sand that eftar a timo the property was recovered by George Rebgar, is sergoant in tho
metropolitan police. Ranger had moen owo men, Willam Groen and Wuliam Eimpson, come out of is public honme, and obyerved that a watch and chain were paseol frour simpion to Green. Upon thit he followed Grean to is pawnbrokor's, and sesmi,n, whictu he lay been vainly endenvouring to pledige Firsumg the clue thus obtained, he went to the hores of Siupann, whum ho also apprebeaded, and dibcoverod ons lif The two prieonera, Greon and Slmpson, wera thus tr ctastody, awaiting their exumination, when, on the 2ed of May lopt, James Habu, au ofigor of the detective polioe, who had boon employed with hancer in making tha arreme, roosived a letisi petter also contained ans nverture from certain friends of thio prisoners, intended to procure their diseliar ce by corrupt arpointesd, found tho prisoner Thumate Richurd, firmetly
known to him, who, after a little preliminary conver tion, made an offer of zu woverengiss to the two polloemen on
condition of their getting Green and Bimpons "turned up" that is to cay dincluarged instead of being on whose testimony the care world depend might so suppross the prisonerg, and so put thair conviction oot of the quation Hampretended to entortain these proposals, fllowed Richards to axplain himself, and then mado a full roport of the matter
 frum the prisoner Crlchley, who had it appeared opgigyod hrim to pamper With the coastablem in the mauner cue-
 superintendent, ins thens proveded to appiclichd the
men who had attempted to livibe them The eviance
 were asked to convict the priboners on the tentimony of two pulicemen alone, and the Furce might ressonably be surposed fidence ; and that noen who cualh put buch a "plant" upon any hiore br. Tunner, the late inspector of the detective police. gave the priwimer Facharis a very good character during the long period of 30 years that he was in the
metrupolitan pofice. The Rocomer, in summing up, said that the offerice inputed to the prisoners was urdoubtedily one of toost serivils character, sud one that wuld require their en the part of the prisouers was that they were the victions of a conspiracy: but he could not help remarking that af any
effect were to bo given to such a defence it cousd omly bo upon the sulpposition that the trwo constables Ifam and Religer had entered into a monst wicked companet, that thes had pru-
currod the sum of $20 l$ in order to carry out their denisn, and currod the sum of they hat been guilty of the most wicked and deliberate perjury. The jury, after a very brief deliberation, found buth with the two men, Grees, and Sounys)s, E6, upon another Indictment, which charged the twh last with feloniously Which had been stolen from him, and Criche on and Rukarks knowing the robbery to bave been committed. The jury found Growing and gimpson Guilly, Bnd Acqurlied Crichley and Richards. Evidence was then given that Green had been previously convioted of felony, and sentenced to 14 years that Simpeon, whoge real mame whs motes Hanton, had
formerly Ived et Bradford, formerly ived at Bracford, and wanadoreans sivemoin o penal servitude for 12 years; Grichley and Ruchard tettin that for sth offeuce of such magnifude the prnashment the law enable $\ddagger$ the Court to fnfitot was so ingdequata, The grand jury laving recommended that tha police ofticera Ham and Ranger should bo rewarded for the important urrence in the recommendation, and ordered that each thom shoul ${ }^{2}$

## Eparting.

Tee International Boat Races -Tho great race betweun the crews represonting oxford and Festrard afternown, in the presence of thousands of spectators, nad encen in three boata of the Amerimins, oxiore havigg InTzRMATIONAL Yachr Reos-It is stated thet the clatilenge Mr. Aohbury, the uwher of the yaoht lambria, haw been of Mr. Aobury, the unnor of the yacht hambris, bas been

Dauntions, and that the moe to th the than durtion the

## Bbituarp.






 tenancy in 1800 He merred on the porsomeal stest of Colote

 until the suran actions that ocourrid duritas the Ooors on popmap






Wircen -The will of lood omeritoun, of Crealing, frotland
 of Vietaris, soon. ; Sir Robort Jttckes Clifton, Bart., Boont.

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## fflarkets.

 agure, and fow reticles can bo cleared at lat watho primat
 rom the Chennel Igtande aro to hand thit week. Fluper chie日fy condst of Orolidit, Pelargoniuma, Gladiolu, Calooolarige, Mignountte, Fuchatak Cockeoombon Anterw, Knlomathon

| FRLTT. |  |
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| Aprioots, per dora, go to 48 | Makna, each, le bd to bs |
| Oherries, porlb., ifd to ls | Oranget, per 100, 8, to 16 |
| Hent per dos, is to 40 | Peachen, per doz, 6n to 1 te |
| Graper, por lb. 20 to 64 | Pino-mplem, parib, 30 to 6 | Oraper, per lib. is to os.

VEGETABLES.


HAY. - Per Loed of 30 Trutee


METBOPOLITAN MEAT TAREET.-AUg, **
Roant Sreph Bubtor
15 por donan th

HOPA-Borovar Maneter, Aug. 27
Mescris. Puttencion and Solth report that tho propont hot and forctug wrathor fs greatly benchting thase growidit whef there tis ary posito of the piantation is Already too far gone. Prade to quite at a standetill, quotathons remaining nominally firm.

## ENGLISF WOOL.

Thare has been an improved inquiry lor good mather and haif: but for the lower gradese and for most descriptions of skir wool, trade still keepe flat. The salos of Colonial Woon now being bold in London, and which continue daily up to

Cribrent Peices of Engligh
Fuis-lured ditto
Southdown ewessand wethers
Leiceater ditto
Clathing

A nominal trade with falling prices. a good mppily of

TIIE GARDENERS＇CHROXICLE AND AGRICULTURAL GAZETTE
harvest has rather cheeked the mupply of poultry，but stlll there is moro than enough．

metropolitan cattle market．
 cffected Thure are a fow more Sbeep；trade is，however， for Lambs．Chuicast Calles are rather dearer．Our forreigo mupply covaitg of 9605 Beasta， 8250 Sbeep， 355 Calves，and
108 Pifg；from ITland there are 140 Beasta；and 1990 fromu
the Milind and Home Counties the Midiand and Home Countiea
Beat Scota，Hero－

 Beet Dowas and Hollf－bred
 Although the suphy of Beagete if very rouch amaller，it greatly exceede the cemand，There is scarcely nny business Sheep is nearly as harge as last weelk；trado for thene is much are rather more in request，but it da difficult to obtann any are raiher more in request indot is dificult to obtain any fording eupply connista of 24 it Beaste， 3600 Sheep， 323 Calvea， Beath Bcote，Heran on d．In d fords，ma Hore： 5 $\begin{array}{ll}2 d \\ \text { 2d quality Beante } \\ 3 & 0\end{array}$ Beat Downs and
 Beasts， 728 ；Sheop nod Lambs， 10,045 ；Calves， 842 ；Pigs， 35. MARK LANE，－Monday，Aug． 23.
－There waa a large supply of Englith Fheat to this moruing＇s market，consisting principally of the new crop． beat runs of white were sold at 48s，to 52 s ，per qr，fifferior on this day sonnight．and to（ffict sales in foreigw，factors
 per qr．lower．Country Flour was 1ar．to $2 \mathrm{Qs}_{5}$ per meok，and American le，per barrel cheaper．
Proce frr imperial Quabitr．

| PLR Diperial Quaryer |  |  |
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| cx and |  |  |
| －Scotch and Lincolushire．．Potato | 33. |  |
|  | 24 |  |
| $\overline{\mathbf{x}}$ Foreign．．．．．．Poland and Brew |  | Feed． |
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| －Pigcon ．．．son to 58\％．Wind | － |  |
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## Friday，Aug． 87.

We have to report，since the 20th Inst．，dry，hot，and forcing Featber，which has enabled our farmers to secure a large part likely a fortnight ago，and the botter order than appeared unfavourable reports formerly curcent as to the field and the exhausted atocks of ald Wheat，loos forward to large supplies of the new crop at once available for the mill．The result is a total absence of lusinesa throughont the markets of the kngcom，and where sales are attempted，a reduction of frum been inpperative．All worts of spring corn were negh wean imperative．All sorts of spring corn were neglect offered at a decling of 2 s ．to 39 ．per sack and 1s．to the coast this weck consinted of 42 cargued，of which，with
thoos left over from kast week，there remanined for sale，last under the luffues．The of the fine weather，hat been very dull， hatenrivala are in cuurse of distribution．Wheat has dealined has barely masintained fta value．There was no Burley of the place in can per place in graus for forward shatrents ath on passupe，hat， prices ware agaulnst sellers． The arrivals of all grida during the week late bcen sunall． scarcely any buslness was transacted in sny description of Gnan，pricee romaining rominally unaltered from Monday． Azeivata．

|  | Wheat． | Barley． | Oata | Flour． |
| :---: | :---: | :---: | :---: | :---: |
| $\frac{\text { Kinglish ．．}}{\text { Irtish }}$ ．．．． |  | －qrs． |  |  |
| relg |  |  |  |  |
| reig | 12，150 | 390 | 13，580 | $\left\{\begin{array}{l} 1900 \\ ., i 00 \\ \text { ninis. } \end{array}\right.$ |
|  | 13，140 | 390 | 13，580 |  |
| Liverpoox，Auguat 24 －At to－day＇s market we had only an |  |  |  |  |
| burayese attendance of buyors，and in Wheat a very limited |  |  |  |  |
| cental since Fridiay，or 8d，per cental on the weelk．Flour |  |  |  |  |
| almo t⿴囗十一 with a moderste foquiry，at a decline of 8 d ．on the |  |  |  |  |
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WANT PLACES．－Ietters to be Post Paid． F XPERIENCED GARDENERS（or as GARDENER


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unchanged in value．Bearas steady．Peas inactive．Oat
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| Wheat． | Barley． | Oata． |
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| 5011 | 303 | 273 |
| 519 | 314 | 2． 9 |
| 516 | 324 | $25_{4} 4$ |
| 520 | 3010 | 2 il |
| 531 | 33 | $20 \quad 3$ |
| 517 | 319 | 2611 |

SEED MARhET.

Owing to the want of rain the seed trade is now in a very quiet state；a few showers would doubtless cause a brisk absence of hisiness romain without change．A few samples
of new Engligh winter Tares have been exbibited for the purpose of feeling the murket，but values are not yet faxed； are scarce and dent．Hemp seed is 1月 per qr，dearcr For
Clover and Trefoil sceds holders demand more money，at this quict time of the year，howaver，there is no great quantity grent Grmnese，are for the moment the chief characteribities
the agricultural seed trade．

W ANTED，a GARDENER and his WIFE，without be a good Fork tag Gardener and undergtand the Managan must
Yinea and Orchard orouse．The wife whlit be required to attend to the Ladge Gate．Wages， 20 s．per weak，rant tree．－Y． 2 ．，Chronic
W ANTED，R good WORKING GARDENER（mbrried



DANLLED，an Retive intelligent Man to act as

WANTED，a WAREHOUSE MANAGERL－The entire Mangernent of their Warehouges，and the execution of thoroughly experitonced jo the Cleaning and Storing of as well as the execution of orders for Grasses，Turnjps，and all other Agricul
 \＆BONs，Seed Merchants，Chaster．
（VANTED，a MANAGING SHOPMAN，for a Retail pury to

DM．CUATBEZers and Under Garceners， Whose charactari will bear the brictost inquirr．Any Gemtloman making applcation Would Eave time by clearly statiog the dutied to

R．WM．PAUL begs to announce that he has made GAnth Gentlomtn with the NAMES，ADDKESSES，EC，of
GARDEERS，and GARDENERS amd BAILIFFS，of Fafous

To Gardeners and Batliff（Boad Foremen or Under） Jo GMEDEnerg ana Ballifi（Eead，Foremen，or Under）
 wnauestionable refuronces deed apply．
ADy Lady or Gertieman requing GARDENKRS or BAILIFPS may resy upon J canticn of Co．mopopting the most etringent ragule LinB in reterence to testimonials an to abilits，bouesty de．
（ARDENER（HRAD），Marxied，two children＇；Scotch． J．WALJACE，Lajrthwaite，Keswick，Cumberland． （ AROENER（Head）．－Age 36，married，no incum
 exoelient character．Left，through aeath．
Post Office，London Rond，Tubtridgo Wollis，
（ ARDENER（HFAv）－Maried，no incumbrance Frat－clasoughly experienced fin every branch of the profession．
（ARDENER（HRAD）－J．STEWART，Kunehem Parle
 bander por not objocted to．
（ARDENER（HRAD）－Age 30 ，married；understande agement of former altustions．－T，M．，11，Ben Huf Place，Sutton，Surrup．
（ ARDENER（HEAN）－Age 34 ，married，no 1DCuRs－
 10，Ciementine Terrioe，8L．Anne Streat，（＇hester． （GARDENER（HEAD）－CHARLES ROBERTS HHad Cheshire，in at ifiberty to treat with any Lody or Gentleman requiring CARDENER（HRAD）：－Middle－aged，married，no

（ABDENER（HEAD）．－Age 25； 10 years＇practical Ceptiperience tn all branchas of the profecaton．Two yoarst unez
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CARDENER（HRADit－C．TYLBR，Gardener to Heary engase with nuy Nobtompn for Oontlemar，Pretical in every
 $G_{A}^{\text {ARDENER }}$ GR（HEAD），
 $G$ SidENER（GEA），where is
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 （ARDENER（HEAD）no family ARDENEK（HEAD），no family，
and 11 years Gardener to Robert Rudion to treat with mey Not
 （ARDENER（BEAD）－ 312

 and grood conduct．－Address to the first tivatis， （TARDENER（HRAD），Where

 （I Frodk，Kitahen，and Flower Gardenion，ale of Flowers，Bis yeara＇yood chaructern from （ ARDENER（SINGLE－HANDIBD，or
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CARDENER（UNDBR，or DNOLB－ T Nobleman＇e or Gentleman＂：Garden－1；
character．－A．B，${ }_{2}$ ，Park Tarrace，1＂urk Road， （ AKDENER （LABFH，in u
CARDENER（UNDIll，or Inir，
 To Market Gardeners and 0thers GOREMAN or MANAGER－－
Mr．Ranson，High Street，Breakord， HOREMAN，in a Nobleman＇s or Genthen＇$_{\text {HOM }}$ H－Conididerablo bxperionce in Sthligy und Trand HOREMAN，age $21,-J$ ．BolTON mabe ： \＆Man who has been uned to Jurly add Late Fuur Jeare rood clar．
Birstall Hall，Jeiceater．


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NOTICE

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idder，ready for Finsbary Steano Jotnery Works，181，Banhill Row，E．C
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 Matallic Fivthovitat Findsor and Osborne having been oxecuted here）and by a large pramber of Noblamen and Gentempan，whose
testimonials to our atili in the construction of Horticultural Worls of a thorougbly efricient and durable nature，are most gratilylyg and Batisffactory．
The Desig
The Design comprise Buildings adapteri to esery dopartmant of Spar－roofed and Lean－to Vinerles，Groonhoutea，Storen，FaIm－ houses，OF Hengenes，Wall Covers，Copper Sash Bast Ormamental Iron Coven for Coils of Pipes in falls，ace，several of them having

TT G．M．M． 181.



Hononrable Mention awarded at the loternational Frbibltion， 1862
 T．G．MEssEkOER Patentee of many Important tmprovernenth in Buildings and Implementh connocterl with Horticulture，and which the purpoee for whick theq were constructed．
Any Hoste Glazed，silgglo or donble，whth or without putty．The modo sdopted by T．G．Masemger for Heating mad Ventiativg prevericad．
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open the wholo of roof and ed hia Patent Veatulating pribelple to T G．Mrosergre 1 Ho er posscoses oll the odvantages of the
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the fire at can pos，hy be obtalued，the whole of which onn
be encily be easily c eaned，nord it is to obtalued，the whole of which ars T．G．Mraengere＇r Yalvo（singlo or domble）in efigetive imple Cary to worb，nud an durable as tho plpe to wich it is ettaoherl．




J．MEREDITHETing Apparatus
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（YHANKS＇IMPROVED WROUGHT－IRON BOILER． Tubular combined．The Tuben，Fire－krix，Eud Sheil－platee are all ef Wrought－iron，and coneequently are not liable to break from The Tubet are placed in the Fire－box，and so arranged as to expose
a very large effective beating aurface to the direct action of the fle， the advantage of which 1s obvious．
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Exhibitors of lawn Mowera at tho Parlmate that，smong all the only Firm to whom tho Jury awhrded a Medal．The Silver Medal thon aprarded is the highent Prizo ever given at any Exhibition for Liva M


Aliziajpin Buthre \＆Son hayo for nome time past been making the Revoling cutter of there Machises set Churientr that is， becomes blunt by minaing one why，it can be terpreted，thus bringing
 Bottom Blade of thelr Machine with Two Edges－one 10 front as asual，and one in reserse at the back；when we tron fage gets
orn down，the plate hns only to be wnserewed and the unused edge brooght to the front．It will be seen at a glance that thie arrangeo ment enables the cotting parta to lant twioe as long as in other
machinet，where the single－edged Soleoplate must be onslruly A Wind－Guard hate 10 worm down．
Grase boing tilow hes nlso been introduced to prevent the Mown There is no ribuing with there Manghings previlence of wind．
 Every Machine warranted to give arople meticaction，and if not THustmien Cirenlars，with full pari
7，LendonkS AND 80 N ，Dehs Iron Worka Arbroth，



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 30 years．It Is a real Price Carront，th
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fast and conslistent friend of tio Brtine
 Bir Roderick Impey Murchison．Batt，K，Kie I：
 Demonhtrations will ba given：－


## 頚口ure Nems．

THE QUEEN IN SCOTLAYD．－On T： 26 th ult，beipg the Balmoral，Abergelip， estates，met at the Prinoo＇s obeli－$\delta$ ，an memory．Prince Leopola and Prape（ present In the arrived at Abergeldio Caste， visit the Queen．On Friday the leuri the morning with Princess beatire． afternoon with Princess Christan
Louisa．On Saturday the Queen drore morning with Princess Loulss and Pr
 Princess Louisa with her Muesij． quis of Blandford．Yiscount Limi． Moore，the Hon O．Montagu，
Mr．F．Knollys，dined with the Howe afterwards presented to her Msprsty Queen and Royal family atterdeil panas the parish church of Crathie．Dr．Wawo On Monday the Queen went outt Princess Beatrice and Pringe Lenp Tuesday the Queen went out in Primess Curisıaд went out deer－atalking Ear！tirans． On Wednesday moranis the queen iet Inver－Trossachs，the seat of near Callander，described in the On Thursday the Queen and the Pr Ard，Lake of Honk Chon，to Strongilaz Katrine．Embarking on board the sea port，her Majesty steamed doma ahou： Trossachs end，and reached $\begin{aligned} & \text { Prince of Wales and Prince Caristisn at }\end{aligned}$ join her Majesty in a few days． Parliamentary Moyemente ieath for East Cheshire caused Eqerlon．Major Egertor candidales
the Harvard crew in England. They also express a hospe thems a cordtul welcome. The erpess thronglyul
 her course is condemn
Franre, we treetel in the 17 th ult., at the sult of John inthtult, of the $I$ inh . Patriot, on a charge of


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 hanlth, well satisfed with their poition, snd in now was detirous of leaving the country at prevent fieneral M'Maben tis the bearer of several lettery and minmazes, subjeets to their fremeda in Empliand, P'reat lent facper subyects to their crease mate ash witranctes to amable them to do this:

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 if ramen buth, whory they were not bhet:nz :-r wat ite $\ldots \rightarrow$ talt they had dome and Uf. Hhemt bats a in a little hny : Inow, an! th olbe gtromper! to pick It up mon-juakely. water dead." The plifmenn the FY frest 3 Criue he had ordemal the chaldrotic swar thas and the ${ }^{\text {sispn, and }}$ Shme further evidance welar whan se


 for chiliten broken builets, and weveral peont le foun teraned in front of the tarket

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of nearly three houm durntion, the jury erdet that deveribel was k.lleal by a ritlo
Loutan brymade IRE IV THE S Conday mormiag a ture brake out in the Tsvern, nearly oplonte Somersat Honse, newiderable dama;e to the ad mining premses. din ras first disenvered by a noliceman on duty, mediately sent for the curap,es and encines, and laref etwo made aware of their clanger efery hope
adeen obtained complete jusaspestorn of the lower an the premises, the of the barmaids, named
mond, who ofuphed a romem on the serond floor, athat it would becertain leath to remand where ma jupped rom the winduss to the pravement
in but her fall was broken by a lamp in front of ane, and althoush slin was soverely bruised, and maneered to Charink Crons ILusputal in a state of shits, she recelve. no very serions imury. The a. Mates bor the house, Mro l niaike, her daughter, if rescued from their pertlous prestion by the The engine dit not arr.we until the whole of ciluer was in fimee, and thren hare walls nre
at cof remunn of the Hal L.on Tavern. The



Hontrat in Sorth

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 Wank be atrir $k$ ant another blow on the 1 ag on
owhich readered her finsensibla. Mr. Wilwhil that athecked hor tho rocond sime. The bust athough to talko aime and, gromatine wath rumak ber the eocond time. She then hiverame amoshins and boing atteaded to it ensera. rhe look much It ot, as the clolthrs, H mile thated that she was cortin prisomer was the of men at the station-bouse Medial from : Inn ketn tefl by the to the emillien. in whath Mr egrioted on st sumer. it was grownd that tres Whav with which hatis merastons of elf.n es
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year, and
nerease of population, was 1336. The present retura
s therefore 77
bove the estimated amount.


## 3robetucial

Barnisleg.- The South Yorkshire colliery distrist Whit rult. The old hands riot on the evening of the
bel Sovercign Pt, belonging to Mr. R. Clarke, the owner of the Old Silk and on the previous Tuesday about for new hands wer imported from lulaton, in Staffordmare, to work the attack on the pit and the new remers. About! toud yells and the men at the mb loud yerls, and instantly
were spen approaching the put armed
hedse stakes.
on reaching the
ompnced an attack upon the fremises the of thems soized the firo-krates containing lignted coals for the men to work by, and thre them
down the water-shaft. THO men were at work in the shaft at the time, but fortunately were in the lodsee, and so pseaped a certain death. Were in the procected to the carpenter's shop, and the ailyman bundatics, where the new hands were lodged The
broke the windows and threw the clotlics of the ne comers on the fire. Thas then attacked the weigh house, broke the windows and a beam of the machine They then attacked the manager's house and the with large anes the large stones, damaged the furniture, and reduced the whole place to a perfeok wreok. The new hand feared that the real offenders will escape in conse quence of the difliaulty of identifying them. A reward of $50 l$ has been offered for their discovery.
13arnataple - On Wedneadey week a destrurtive fire occurped in the village of Chamleigh, about midway between Exeter and this town, on what is, known as
the "old road," adjoming Lord Portsmouth's country the "ald road," adjouning Lord Portsmouth's country
seat. It broke out at mid-dny in a detached bouse in the centre of the village and spread so rapidly that in the conrse of cir sel and spread so rapsere burnt to the ground and nearly 100 people rendered homeless, the greater part of their furniture being destroyed One half of the houses were the shops of tradesmen and small farmers, and the other half were occupied by labourers. They were all roofed with thatch, which had been reduced almost to tinder by the heat of
the two prevous weeka. Many ricks of corn ans hay, several piss, and a quantity of poultry wer destroyed. The total damaze was about 100 Hil , onl 3 small portion of which 15 copered hy insurance.
Bhemingitu - A public mefting in eonneet.on With the (C narmas was hit! on Thotrulyy, the ech

Kine, Dronfield, Owen, Howell, Burton, haton, Odger, Normansell, Connolly, Clase, and Wood, delegates to the Conference, and the subjects which had been diceussed during the week were enlarged upon by the speaknpe, at the conse of the meeting the Mayor ant that her hai been impressed with the feeline that there were men on the platform whose heads and a lang dismamion wn the consurtuershing princinte, on ex-oneration, strikes, the utilisation of waste lands amicratuon, in, a nuinber of motions were submitted by tarmas delegates, and it was ultimatels resolved to embody them it one resolution, ns foltows

That this 1 mgrean is of iphninn that the wark inge rlagee In atrince when all, that ine ina have faled of settomg kitant




 Mr M'Raeanl Mr. Hohbs, of Birmingham, then read papers on "Primary Educalion," in whech they adrocated the immeriale establishment of free unsectarian armia Alfor enme diamsalan, linasps howpil Ememer, shif reanmions and as there was formit to bo if ill wn rewi, ilions, and as there was it whe the

 the thre proporitions wrer scibmittell to the Conarpas, end 1 panimouls
"Tmat this Congrom Malievon that pothing short of a lysutem

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ing classes were not represented as they ought to be in mitted a paper urang the Mr. Harry (London) sub trial party to secure the return of representatives of labour, with the view of securing the "nationalisation natromal paper currency based upon the productive wealth of the nation, combined with a national system seconded by Mr. C'remer, the following resolution was

## Lathinh enif ongress on torseq tho papers of Meesry. Walton

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and thath in in in lon, to whatin the retura of actual working
Mr. Owen (Pottertes), Mr Potter (London), and Mr Cattell (Brrmatham) read maperz on "The necessity on emigration. A resolution was then adonted, on the motion of Mr. Normansell, declaring that in the fe in the working of the great dostruction of huma fre in the working or the coal and iroustone mines of
 eghslatiou for the protection of life, und that all trades
inions and assoctations be urye ! to use their infuence Wh the mombers of Parhament in their respectiv or ther to ald the monners in passing an eflirient Bil committee of six be appointed to assist resolved tha their effrts to get the Munes Regulation Bill passed n the next session, such committee to Harry Cremer, and seconded by Mr. Lurgan, was passed Mr "That as local orknisations of labour have alnoost di ppearer befure orgzonisations or a national character, bo wo nduces between nations such a crmpetition that the whic of the workman 18 liable to be lost sight of, and sacrificed in the fierce international race between caput stats, deman la made international
After some general discussion, it was announced tha Mr. Connolly (London) had been depated to go to th nited States in order to inquire and report upon the condition of labour in that country. It was then London.
Cambeidge.-John Mynott, charged with slooting his whe with intent to murder, at Savston, near thas and committed bror before the magistrates on Tuesday housh her bead and face are riddlert with about 1 ?n hot, whit it has been f mud impracticable to remore th belleved that ane min recote.

## 

self over the Chifon Suspension Bridge The efidence ahowed that the dcoeased, having removed his hat, ooat, and waistcoat, jumped over the parapet and hung on by his len haja. He made an efiort to remain the bridge, but falled, and fell into the bed of the river beneath, a depth of 280 feet. A ticket issued by he Metropatian Ralway Company was found near his cotlung, but it was proven that it had been thrown dorn by a laty Who nassed orer kerchiefa found in the pockets of deceaced's cont was marked "C. Protheroe." Tmat gentleman, who o a readent of bristol, on beine applied to, stated that the handkerchie! was undoubtedly his property, and that the name was writken upen it by his sister, but on veewing the bory he couli not identify it, or kerehtef having ay thto the possession of the doceased. Tue inquest was then adjourned for further inquiries. Sron after the adjournment the body was identified as that of Joel Cousene, a pastrycook, of Bristol. The deceased, who was only 19 years of are, had been leading a fast life, and had left home at half-past four with the syowed intention of gong lo landon. He was then weil supplied with money, but although acarcels an hour han elapseei hefore he had commitued suicide, only 112 . was found on his body. On Wednesday, af the adjourned inquest, the jury returned a verdict of Temporary Insanity. This is the second sulente that has been commitied from Clifton Suspension Bridee, the former beine that of Mr. Gf Green, of Pertiwhead, who threw himseif off in IIay, 1806 In hath naxes, natnitholal linz the bee erta of the fall, no theh artl mes, the bidses were not at al dhatizured
Dinceasteli.-On Tuesday aul Wedneslay of last Frek an interestugg gathering took plaoe in this town D. Venghan having provious to raving the viarngo, IIM of whom are now in orders to a ceries of parting entertanmente. They met at half-past 5 o'clock, at the National Suromis, where they dined together under the presidency of the vicar in the evening there was a special serfice in the church, which was crowded to such an extent that many eould not find seats. The mayer and empmoration attended, and the seats in the midile asles were set apart for the young elergymen, Wheached from the 1st yerse of the nith chapter of the preashed Eple of St. Peter," The elders which are amongst pou, I exhort, who am also an elder." In his introduction he reforred with feeliag to what he might be allowed in call that unnreceliemen rawlingrts of the ink, gs it dul of young clerky y every diocese in the and. As ordained ministers, when they began to walk the aisles of therr churches and the streets of thate parishes, they bexan to be in one eense men prema-
turely old The Chistisn clergyman was a dedicated man-their lives were not common lives-something had happened to them-there wha marlk, aseal upon
theme. In speaking of the difliculties of a Christian minister, he said that it was possible for one who had pledged himself somewhat hastily though with deep conviction, to every one of the Thirty-nine Artirles, and
to the multiform prayers and creeds, to find hunse fi, a years advanced, less than certain ahout some of these
particulars of doctrine. The service concluded at 10 o'clock, after whioh. Dr Vauthan and his guests
took teas torether. On Wednesday morning there was took teaz together. On Wednesday morniag there was Dr. Vaughan delivered a private lecture, Before sepa rating the whole party was photographed.
Dover.-The Arohbishop of Canterbuit
Dover.-The Arohibishop of Canterbury passed last
week in this district of his diocese, epforming rarious oflicial acts, and makiog azquaintance with the clergy and laity of the locality, Oo Tuesday his Grace was 91st Highlanders, and addressed the mears to the quarison on the heights above Dover. On Wednesdhy now church at Chariton, On Thursday his Grace opened the restored Norman church at St. Marparet'sconsecrated the ohurch at West LLandon, near Walmer, and preached the sermon. In the afternoon of Friday he was recoived at Walmer Castle by the Prime until Saturday morring, when he returned to Addington Park.
Norwichi- The musical festival of the present vear ${ }^{\text {commenced }}$ on Monday evening with Mendelssohnn's On Tuesday, Wedpesday, and Thursday evenings there were, as u*ual, misrelianeous concerts. Wednesday morning was devoted to a gelection from "Hezekiab," "Falt of Thabylor," by Mr. He. H. Pierson, and Spohr"s Norwith Feetival' of 18 til Thurday morning was occupied with Rosini's "Messe Solennelle," a new
gaored cantata by Mr. Horace Hill, and Handel's
 "Dettingen Te Deum." Yesterday morning the festival was brought to a close as uuual with thb "Messiah."
In the evening there was a dress-ball. The principal In the evening there. was a dresss ball. The prioioial vocalists were Madle. Titiens, Madlle. Ilma di Murska, Madame Talbot Cherer, Madarae Patey. Madane Tre-
belli-Bettini, Mr. Vernon Rigby, Mr. Cummings, Mr. Belli- Bettini, Mr. Vernon Rigby, Mr. Cummings. Mr.
Arthur Byron, Signor Bettini, Signor Foli, and Mr. Santley. Mr. Benedict, as usual, was the condnetor. Rassisgatr.-At the recent reeatta at this port the winning yacht, Enipma, was desimed, built, ri,pred, and sailed by a working man called Heary Thornton, one of the keepers of a neiphbourng lighthouse ; who ooninvention, working at ber between the intervals of his ordinary duties 88 liphthouse-keeper day and night for the past 18 months, in a shed with only 15 inches oleart
spaue above and on either side in which to work It said that the yacht cormbines speed with safety, it is accorowodation, and thorough seagoing qualtrem. bridse over the Irwell at Lower Brougiton a new with some certmony. The mayor. supporterid by the aldermien and corporation, Mr. Cawley, M.P., and ot her local personages, took their places on the centre of a platiorm which lad been erected over the black sewage-laden water of the river, when the spectators from below made what is called "an ugly rush "" by which the seaffold was upset, and the mayor, who had just commenced his speech, was precipitated whth his sil, however, escaped without injury to life or limb. They

## Ereland.

The Irish Church.-A meeting of laymen belong to the Irish Church was held on Tuesday, the Earl o Archbishop to convene the laity was adopted with only two dissentionts. A number of laymen have, with in the last week, pledged themselves to subscribe handand it is anticinated re-endowment of the Irish Churoh followed. The liberality of the laity will, howerer altogether depend upon of the laity will, however, the com a min the reconstruction of the life of a donor of 100l. \& year in one instance for have been mentioned a donation of 1000 l , in another, most magnificent example is that of papers; but the moodstock Kulkenay, who has offered to m . Tighe, of formularies, dootrines, and discipline of if the Churesent of Eagland be preserved, viz, 5,0000 . to a sustentation
fund, and man, with a salary of at least sool a resident cleray. parish of Inistioge, with lis approval or that of his

## P.

Cardinal Cullen issumal Cullen,-On Wedneeday that he will deprive of anstoral, in which he atates Who send their children to the national model schools Bishops.--The Roman Catholic Rowan Catholic gated ten resolutions adopted at a meeting promulnooth College, mainly on the education question. They condemn mixed education, demand a Catholio College, arcess to Tniversity emoluments, representhe support of endowed schools the funds devoted to the Queen's Colleges on a denominational system, and PARTX Proctressonement of the land question. resohed Iondonderry, where it cured no little ercite-
ment, to the effeot that the Royal Commissioners, who
have recently concluded their sittings in that town. the Lord-Lieutenant aqainst party in that part of Ireland orpecially
y from IBELand. -The offio EMIrRation flom IRELAND-The official returas of em aration show that sinec $18 z^{2}$ one mi
Fitil. Ictidevt With a Road Stram-engine and Mrs. Ward were on a road locomotive steam-engine,
with the Hon. Randal and Clara Parsons, when, on Mrs. Ward slipped off a stool street in Parsonstown, and, filling on the ground, the wheel she was seated, hear and killed her on the spot An inquest was held a verdict of Accidental Death, acquitting all persons concerned in the management of the engine from any blame
aight a about 100 excursionists, ran into a siding at Killarney Station, instead of stopping at the ticket plat form, and as to smash the engine and a second-olass carriage to pieces. The passengers received some cuts and res but na serious iojuries were sustained.
murder in Mayo within living memery first agrariau trated on Sunday ovening. A farmer named Hunter, a Scotchnan, living five or six miles from Newport, in that county, was shot dead near his own house at 10 个.er, He was driving home on a car, with his wife, son, and servant, and, finding some obstruction on the road, pulyed up. Immediately an assassin came out,
and, lodyus two pistol balls in his body, killed him and,
iastantly. The rest of the party were unioured. It appears that Mr. Hunter had taken the lease of a farm contaming bog, on whok the tenants of the adjoimng
farm clamed right to cut turf. He was advised to bring an action of trespass against one of them. He selected a farmer named O'Neill, obtained a deoree, and on Friday selzed a growing crop. No oue, how. special warrant, and took che whereupon he obtained a Mre been arrested on suspicion. A fow minutes after Mr. Hunter was shot, and within 300 yards of the same spot, Mr. Francis P. Vaughan, sod of Colonel Vaughan, was fired at, and escaped uninjured.
Friderder and suicide nkar Waterford -On Friday evening Dr. Lannican, R $N$ wh held th situatinn of plysician to the infirmary at Kilmeador, mitted sulide. He was med to his second wife, a Mise Lecky, a Waterford lady, of very respectable connections. The marriage did not temper, and Dr. Lannigan tol at last so intemperste that on the day of the tragedy quantity of winf. He had several times threstenes a
 vited to dine with them on Friday, and Dr. Lannigan expressed a wish that advantage should be taken of his baptized. Mrs. Lannigan opposed this, wishing to have the ceremony performed in church. A quarrel arose, in which the doctor behaved with outrageou violence, putting a dinner knife to his wife's throat, and afterwards presenting a gun at her. She fled with hearing that her husband had become autet, she returned aione, leaving the child behind. What passed between her and her husband is not known, as he had sent the boy out on an errand, and the housemaid was outside in the grounds. About 15 minutes after her
mistress's return this girl heard a sho and soon fter mistreas's return this girl heard a shot, and soon after-
wards another. She jnformed some of the neighbours, whard another. She informed some of the neighbours, parlour found Mrs. Lannigan quite dead, hleeding prousely from a wound in the left oheek, while across her from thesbag, with a bullet wound in his temple instr whoh the brain protruded. A right hand the double murder, was grasped in blis two hours
SUspreted Murdry TN Monaginan.-James Crigey, a Roman Catholic, died on Saturday, near stencos. It is believed that hery received a savage and brutal beating. The Coroner, who went to hold an holding it. The police were also attacked. The Attorney-General's attention has been called to the
The Fentan Amnesty.-A meoting in support of the amnesty movement was held on Priday in the market-place of Mullingar. About 1500 or 2000 promoters of the a muon snialler concourse than the promoters of the demonstration expected. A platform speakers, of whom the prinoipal were the Bev. Mr. Coyne and the Rev. Mr. Culloch, who extenuated the guilt of the prisoners, and appealed to the Premier to celease them, in the full assarance that their liberatiom of peace. Several resolutions warme only, a message nce of the FENIAN FONERAL-A meeting.
FENIAN FUNERAL.-A great Feaian demonstration of a man named nesday at Glasnevin, at the funeral imprisoned as a "suspeot," wnder was nome time ago Suapension Act. The coffio, festooned with Corpus Was borne on the shoulders of eight men, while Aearse, bedecked with green Wreaths, followed, empty seottes, marohed in militaryg green reck-ties an
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## The Brabmir cocollatid

from thargel in the presecive of thal and Prince Leopold, Pritioe and Pri was splendid, and the ation
Marge. The Prince of Wales
Mar Lodge in the evening.

## Tialluang.

Collursday the on rith ult., the tran Methiley and Stanley, came antog of nine coal wagkous and a brea have broken loose from the enkrat
tion. Two coal way tion. Two coal wagrons train engine were much latter train was severely
with the exception of injury.
Fatal Collision on this
between - On Wednesday ation Strensal], seren mer and callie train the desth of a shepherd who sheep to an agrioultural shom. hared at a small station to athach despite of the danger-signals The passonger train escaped but several of the passenger without shaken.

THROWTNG Stonks at 4 Thais 13, and George Puney, 11 , were chane in the parish of Isleworth. The enm that at 9.30 P M, he was passing with Sion Lane Bridqe, near Woke Houe stones were thrown from the brop produced. struck the engiue and la
board. He saw two boys on the board. Le esaw
identify them. He pmoked up the trut anced, and called out to some platelayen and showed them the stoned af he in the opposite direction, have caused his struck the gauge-glass, when an explomica ocourred whioh might have serionit prisoners and giving them in to ourdod constable. The chairman said antar thi could not allow the prisoners to po at $h$ Fould be remanded for a weak, with a them into a reformatory for three youns

Sparting.
The INTERNational foat Race, - The f
details of this rice, the resnlt of wineh we mi
liat. The siknal for the start was givet at atiza
sides, and had chosen the Middhaex shani
into the whter first, but the Oxonlans wot a
nuder way

entering the long reach for, the Soanp of I
thia the Oxford approashed the Firsin
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## MARX LaNen－Moxpat，Aug． 30

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二 Jrakn．．．
二 Furdin lin



 Friday，Bept 3
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 have tor report a dees ast check in tho duwhward thavement of the ralue of ofd wheeta，pricen in some plaves－Uverpool，for
 Malting Burley hat loen dificult tor getht，at a reatuction of is． tus）per qur，in the proess of of griviling wo noticer no altoration，but new．was the turn cheeper Beans，Peas，and old Uats contahued in fair request at extrome rites，new oats wero neslectod．Flour wat quoted is．per sack choapor． The frrvela of grain and eeod－leden veamale of the coant this from lunt welk thero remamed for sale last nleht 29 carroes． The trade in cargoes of Whate artived off tho conath hes not undergane any material alteration，tho demand sinve close of lant weok wat more aotive，but the bubinoms dohe wan limitod． fut Mave more money was asked，What Harley hat a droop－ ang temdenay．For forward guypurent in the markot，the tono is improving：In other articles bar d．3 legs hasmess tramplarel
The supply of Engliah Wheat this wevk bis been rhout，of保
 improvement of le．per qr．；for foraigh boidern maked a sunilar wivanco，which was reluctantly acceded to by bagers in come fnetances，gatley and Oats ware dull，and thic trim ugsinat melleri．In other armales theore

|  | Wheat | Darley． | Gata | Flotar． |
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| English <br> Irich <br> Eorelga | 3070 qra | －qris． | －qrs． | －ske |
|  |  | －＂ | －＂ |  |
|  | 26，690 \＃ | 160 | 49，400 | \｛ 3180 bris |
|  | 27，860 | 160 | 19，120 |  |

Lrikrponl，August 91－We had a Layge attendance at to－ day＇s market，and in wheat in inir conamper contal．Fluar met with moderate inquiry，it about profiutus rites In lusn Cura wias in fair request，at a detilue of alrut bd．per $4 r$ since lent Friday．bcana and Peas from searaty ana hig phen， with a most limited dem

|  | Wheat． | Barley． | Onts． |
| :---: | :---: | :---: | :---: |
| Juty $36 .$. | $50.11 d$ | 9053 d | 2－34 |
| J． $31 .$. | 319 | 31. | ${ }^{27} 9$ |
| Aug． 7 ．． | 51.6 | 324 | 2 C |
| － 14. | 52 53 51 | 3307 | 293 |
| － 21. | 542 | 327 | 242 |

Thore ia ntill very little doing in teT.
Thoro ia still very little doing in tho sced trade, the want of demand In the absence of transactions values of ollt kind
of antcultural seeds remafn without cbange. Winter Tares are in good renuest, and realised high rates. It is now quite evident that the yucld will be exceedingly short, ; prices, it
thought, will and ance considerably fow Mustard sed ha
cotoc to narket at cotac to narket at kwer terms than those at first demander Barley and Oars. A good dumnfall of raind also for winter doubt, causc great activn to previl in the scod trade Jouv SHAw Sos. 16 Fater Lane, E.C. HOPS.-Borotor Markrt, Sept 3.
Mesprs. Pattenden and Smith report that the trade con
thaues dult, pricer, honever, beng firm. The necounts from the plantations this weck are very unfavourable, the conl weater koeps the Hops back, and red raould is spreadin
goneraly thrulghut the whole plantation.

## WANTED IMMEDIATELY Trade

BUSINEfletent Ferson to MANAGE An An experienced and reet Witata, London. ${ }^{\mathrm{N}}$.



W ANTED, a GARDENER, thoroughly experienced Troes. Raction and Management of Haroy Shrubs azd Ornamental.
 W ANTEU, as GARDENER, 20 miles from London,



$W^{4}$ANTED, \& WOODAN and GAMEKEEPER.-

 W ANTED, in a London Nursery, a YOUNG MAN
 W ANTED, a Young Man, about 18 years of age, as

 ANTED, in a the seed Trade.
 WANTED, as GARDENER and GROOM a marrie

WANT PLACES,-Letters to be Post Paid. H XPERIENCED GARDENERS (or as GARDENER



 TUCOMBE, PINCE, AND CO, have Rlways on their
Rogather to




## Why. CUardeners and Under Gardeners.

Wh. CU'1 BLSH AND SUN heq to tatate that they
 MR. WM. PAUL begs to announce that he häa made






CARDENER (HRad), age 26, single. - WiLliam

(TARDENER (ILzaD). - Age 40 , married, as हtendy,
 GARUENELK (UABD), no tamily -Thomas Iomman,


(GARDENER (HEAD)--Age $30 ; 17$ years' experience Gardener (Head)-Married, two childzen; Scotch J. WALLACE, Lairtliwatte, Kesmek, Cumberland.
 CARJENER
 (YARUENEK (HEAD)-Age $2 \overline{3} ;$ understands Forsing (YARDENER (HRAD), - Age 32, single, understands
 CTrustmonthy Man, who has a thoronyh fanily; a stendy,
 CABDENER (HFaD).-Middle-aged, married, no
 GARDENER (HEAD),-Can take the Management of
 Hurrem Pa Post Oafice, Fulham, s. $W$
(TARDENER (Hzad)-Age 35, Married, one child
 Wandsworth Lodese, Upper Tooting.
Wen GARDENER (HEAD), -Age $25 ; 1 \overline{0}$ yeari ${ }^{6}$ practical

 Iedge of Grapes, Paches, Cucumbers, Yfelong, Stove and
Greenhouse Placta, and Flower and Kitoken Gardening Five jears ercellent character from last emploger.-A. B., Post Oifloe, Hill
Street, Uppar Clapton GARDENER (HeAD).-Age 30 , Married, one child


CTARDENER (HBAD), where two or more are kept, in


GARDENER (HEAD), -Age 30, no famuly ; thoroughly


GARDENER (HRAD, or SINGLE-HANDED), Married
 CARDENER (HEAD, or SingRe-Handed - Age 24,
(TARDKNER (HEAD), Where one or more are krep -
 CARDENER, A Young Man, single ; understands Fillongley Hall, Caventry.
CTARDENER.-Thoroughly understands every branch , F Muskett, Nursergyionin, High Street, Clapponam, $S$. W.
CTARDENEH,-Age 22, ingle; thoroughly understands

G AKDENER.-Age 28", single; has a thorough know:

(TARDENEK, or GARMENEK and BALLLFF.- $\overline{A g e} \overline{25} ;$

(YARDENER (SINOLE-HANDED, or otherwise, or Post omes, Faringtion, Boorke


 CARDENER (SINGIEB-HANDED), or where asbistance


G ${ }_{\text {marrief }}^{\text {RRD }}$
R, where
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more are
as co charucter and ${ }_{\text {Cbsacter }}^{\text {(I }}$

Sisgle-han cbsracter.

To Gentlemen and Gardeners.
GARDENER Gentlemen and Gardeners.

MANAGER.-Thoroughly practical.
and Propagari expertonco unghy practical, with upwards of house Planta Cor Frut Treas, Coniferee, Roser, Store ine Growth
 MANAGER, PROPAGATUK, or FOREMAN,- -Grat Ciapham Rond, s .


Forenan in a goond ina-sty




## 




 B AILIFF, - Age 30. single can




a iecondary oxperiance in tho Wholemplead -1 CHOPMAN (AssisTant), -Age 2


 brancher. Good reforencen.-E. Y, Port Oull

| To Seedsmen. <br> ISTANT SHOPMAN, or UNDER T |
| :---: |
| N-A Youtg Man Sir |
|  |



## 1. Ellin's Ruthin Soda Whter,

##  <br> Chomiats, Hotel-Keerpern, Confoctionernian R. HLLIS AND SONS, Ruthin. North Wales







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## MOISELESS LAWN MOWING, ROLLING, and COLLECTING MACHINES. <br> BY SPECIAL APPOINTMENT, MANUFACTURER <br>  <br> TO HER MOST GRACIOUS MAJESTY THE QUEEN.

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14Cat 10 inches .. $£ 310$ O Suitable for a Lady
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To Cut 18 inchen .. s87 100 Smitatie for Ons Perom.
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" .. $610 \quad 0$
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$24 \quad$ "... $90^{0} 0$

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## HMIGKANTS HOUSE TENT, Fout Rooms, £20; 

 Pente and prioes.H HICHARDSON, 09, Eustor Rend, London, N.W
The New Vade Mecum (Invented \& Manufactured by (YHARLES \&F. VINCEN C', UPTICIAN, of 23 , Windsor
 Powar and brst-clnag defration, quite equal to others bold at ton
 VISITORS to the SEA-SIDE, TOURISTS and appleation of HOWLANb' KALY1HOK boti) won, ng and refres bing to the face and ssia it eilays ail hert and Irithab lity of the akin, healthy parliy und delleas of comp.exın. P
per botte. Eold by Chemlets and Perfumers.
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VHEN the HALR, through weakness, begins to fall

 requiriag no prevlouz preparation of the bair; its perfume if
agraeable, and no pomade or halr ofl is required $\begin{aligned} & \text { ith it. la large }\end{aligned}$
botele boteles, es, of cherrists and permmers.
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 culture. By the RuF, J, Cubstable, MA
London, LONGMANS, GREEN, AND CO. Paternoster Rom, E C.


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NTVE-TENTTHS of the totrl Profts diviaible overy five years
arnongt the Assured A viluable provision for Policlas becoming



(TRESHAM


The Grasham 18 opend
Gentlemen of
ROYAL SCINOtice


## The Qthev Home Xetos

Pribeessecy continute at Interi - Tha:
 2d, her Majesty drove by the $I_{\text {alke }}$ Katrine and tiliourlit the mass of
to Bajquhideen drove hy the shore of the narish, wad the Mr. Camerna, party the ruins of the old kirk and Kutrine to Inversnain whe pronaed ness to convey her Majestre a steamar ness to convest on Loch Lom Majesty
the tour of the lomond. The steama snaid, and returnade, the Quecen disembarg The Prince of Watis pas er Is. Abergeldie Castle on Thursday
Prince Leopold has bigar
Duchess Dowager of Athole, at Dunke
the Prinee visited the Trossachs, and
his arrival at Callandar station be P Lady Churchill. His Royal Hy Pron Dunkeld in the afternoon, and on the wir Dunblane Cathedral.
THK Bengal Prinors, -On Priday atm
Nawab Nazim of Bengal, with Prime Nawab Nazim of Bengal, with Primo is
Bahadoor, Prince Soliman Kudr Bahdoor suite, visited Windsor Castle. They were stom the private and state apartments of the Cur
special order. The Princes have left torn on a visat to Manchester and other mana? towns in the north.
Mr. Gladstone.-The Premier has been to visit, Whitby, for which borough hoson member ; but at present the right hon, pentem the seat of the Duke of Cleveland. Mre wh Gladstone, as well as
Chier Justice Conkbern.-It mas repor days siace, that Sir Alexander Cockbura, Juance of ill health, intended to resign the mencement of Michaelmas term. Ihe Lar states that there is no foundation whatera 5 .
 esignation, under the new Act, on Monday THE BISEOP OF TINCHESTER bas $10 t$ © intention, on resignimg his see, to clatm as
pension $3500 l$, instead of the $600 V l$. to wh.cl entitled.
The Bishor of Lichaibld continus then rom nervous prostration and loss of sleef will probably
THE BISFOP OF CeRLISLE, who smis opiscopal residence at Rose Castla, natar Can ohange laving failed to produce the invigoratioz:upon him mhick was anticipated.
KNIGHTHOOD,-The Queen, on the reamgr Patent under the Great Seal conferriug the da Knight of the United Kingdom on Mr Mil Drake, of Oatlands Lodge, Surrey Bircham, Dalrymple, Drake \& Co, solicitors Ps men sureet, in resognition
THE Ironclad Fleets.-The Channel aq under the Admimity flae was joined on the Gibraltar by the Mediterramesn squadron, Alexander Mine. On Friday moruing the con fieet stemmed slowly out of the bay, the chan up a nosition in the oentre, with the Chanoen on the starboard and the Mediterranear :7 on the port side. In this order the fleet $s$ Straits the Atrican coast, Roek and the Tagus. The combined fleet 15 cm wooden ships, one unarmoured iron-built fnas. unarmoured , and sloop, and one padw despestoh stemmer manned by 8121 officers st: : armed with 233 muzzle-loading ritled guag, es a penetration, and propelled by a nomual englaer of 13,290-horse
Thfe Controllerseip of the Nist -It isbis stood that Mr. Reed is to bo the new Controner
Navy. Navy.
AMMONITION OF THR ABMY. - In conome of garrison towns, the Commander-in-Chief hss general order that from benceforth in
the soldie army is not to renain
magetines
THE Rrival Comrission. - The Andsint


## disclasion

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Biny faility fort divididing uperticas

## forcigut．

－Mo Empress and the Prince Imperial rumours respecting the Emperor＇s A sarious panic on the Bourse on yore of fow hours the panic spread to －riang had the following article on the
cing rucurs respecting the Eimperor＇s bealth 1vith forife Bourso yesterday，and appear to －Tory day，and transucta business R日 usual： of Tueodey evening said：
${ }^{-6} \ln$ the weather hare ravivod the rheumatio
 nigat，boweyar，the Emperor Rlept very
tue Emperor presided at a Council of wrod vith the Ministers，and took part sun3．The Emperor afterwards prome－ met time in the park of St．Cloud，and a．a bis stato of bealth was manifest． rive during the day in the orure，and seemed to have derived
fron this first excursion．In the Friday the debate on the inm was resumed，and M．Delangie I President question，in order that the If Bonjean Visen This motion was 13．Leverrier，and was rejected on a 1 majority of 75 to 43．In the sitting of ITizes，was also an amendment moved th the Senate and the Lepislatise Bod What by a joint sitting and vote of both ar the President of the Legislative Body xied for rix years by the members of that an 6 of the Senatus Consultum were nfter． Cont do sitting of Monday，MM．Delisle －hate in favour of amandm，and several mere，however，ramendmented，and all the the sishing of the Bill in its entirety was
a． 184 ．Brenier asked if ist in the theaties with England，for which arlative Body．M．de Forcade replied not den was a matter of courree，if bet An tranced by either party．Con－ rsterment persisted in He added that Mnalude the commersisted in the principles
har Poaties with the Senate proron read an ag the Senate prorogued，and
anid cries of＂Vive l＇Empe－
eriai decte wries of＂Vive l＇Empe－


125 1210

## 

 am li－ra and namesze of $1 \underline{3}$ bears ago，and ant：the of other cirstant peoal setelement sus suld bo momesth for him to reman in prisons al！the time rrquared t send out an order for those men，and to bring them back．He aro asserts that as sona as tho ammest Was signed ordors were sent to alf the oufprets that he Souli le arrostedWas criliphed on Whathe－lis him the of the Intet．
 of the Fatsomat duard，alich arotwed suspurbitse o
 National Guasd remain mg under artus，olla deputits belonging to the Iwablaman parts tracid per－ suasion，and susceeded in resportang neaturne among ho mutineers．At livo oclack on 11 andremily morn ing the post was g．ven up and trany nlinty re－

 refusal to aerept the Crown of Spain The offerin Gazette of Muesday publishes Ministerial decree ordering proceeding to be taken in the Suprema Trgel，on the charge of diophedienese to the mama，and of the Government．The last band of Carlints in the province of Garona has disappeared．The Hinster of Justice has proposed that the namber of the elefgy
sfould be reduced to five arehbishopries and 82 bishopricz．
Pobtugal．－The health of the Quepm of Porthgal is not considered satiafactory by ber ghywicians，nll hough mproved by her recent vos age．The Kinit tas returned
rom Oporto，The vicld of olve at（hroughoul Portugas is reported as almost a total fallure，and the fine crop is very scanty．
SWITTERLIVD－In reply to the murular diapately of
 he Swiss Federal Council has doolined to take any hare in the antion proposed，on the ground of its acompetency．Orders hsve veen issued prohibitivg reoruiting in \＆witzerlend for the Eyptian army．
PrUSsia－Prinoe Frederick ol Hohenzollern－ Hermgen died on Friday of apoplexy at the naste Lenhinren becomes extinct．The semi－nflical Pr incind Correspondence sass that there can be no doabt of the fact that the request addresod by the Chie Magistrate of Erankfort to the Minster of the Interior for the recall of tue posice measures bansting those persons who have adopted Swiss patioaality wh not be complied with．The grest autumn parade of Prussian troops for the presen year whe held before his Majesty on Monday reek．All the members of the royal family then in Berlin wore present At a quarter to 10 o＇elock the tronps appeared on the ground，tho infantry in colunans，the cavalry in regimental columns and squadrons，and the artillery ant train in ine．Prince Allgust of Wurtemburg，General of the Grand，commanded．The roops were drawn up in two lines．at 10 o＇clock his Majesty arrived with a brilliant suite，including all the oreign generals and officers now in Bertin，and the military plenipotentiaries of foreign Courts．When the first line had passed，the second was inspected， ommencing from the left wing．In the meantme the first line formed for a march past．After they han performed this evolution twice the tronps left the pround．Tho soldiers appeared in their parade uniform，the infantry with their cooking apperatus strapped on ther knataseks The non－Prussian Germen offirers present and the Prussian offtoere of other regiments took theyr places amone the troops on narade．The weather was tioe
Bararta．The er－King and Queen of Naples havo Ben in Bavaria for the last few days，on a visit to King Louis．For three yeerg the ex－Queen had not visted her native country，and only went there in 1865 to re－establish her health，mravely oompromised by the fatigues sud privations of the mege of Gaeta．Her Majesty is sister to the Empress of Austria，tho Countess de Trani，and the Priacess Maximilien de la Tour et Taxis．

BOHEMLS．－The festival in commemoration of John Huss took place at Prague on Saturaby，and partook duss of an ant－German than an anti－clertoal character． Many Russiaus，Slavs，Frenchmen，and Enkishmen vere present A letter sympathasing with the object were the festival was received from Garibaldi．

Hovask
HuNGaty．－The Hunariale of October．Prince Karageorgewicz has been sot at liberty on ball． Ressth－Accounts from Livada atate that the emperor has been suffering for some days from indis． emperor but is now completely renovered＇I＇le Emprese aloo in consequebce of having taken onla，has Emprell The Manster of Finanee has made so Council of the Credit Establish





1 DREET， 4 penio provailed in the moneymert on Tuemday，in continnesce of then appritionmone espertiug the iltides of the Embatir Nambeyls Great

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 1he sishyect in expected sharily
End I＇x－It in tudipsamed that the sothement of the



 on Mundoy on a vas（ for the sultan．


Caph of（jous）Halk－The（＇ape Parlinment
 asked the rovertament fur a ssheme of further fetrencla－ Genv，to hasanoo tac expenditure with the tocomo
 Clotuber thers deetive for five sears，tes abobleh id finemi divistons：



 strongholds in Orange River．＇I＇ue Tatin pold Gield were reported to prove natisfactory to sir John Swin burne，who was about to retara lo maglaad to develop his company．The diamond dieooveriss continued． The Griquas were succeasfull searching their shream Tor zems A warrant haw been ata mazan Tweld，Bushop of Oranke wren state，，hareed witb rommithong an undsollasabie onfoca tho bi－dnp was absent on a vivation tow to the trantial，a his fiends anked the pabhif to kuspend thmir ju dxment antul tho case had been hened If chapaid．Who bas been closely associatod wid lis dai．y form peaks win tho atmost－cont perfect innocence．
Jndi4．－A plat againat the Arneer Sliere Ali has been diseovered at（＇abul．Iis nephews，Sirder Ismail lihan and two brothers，were the instigatora and were arra－ted sud bent to British tarritory，to be sept under survaliabce by the Goverammat of Indis． Sirdar Ismall Khan esmaped from his Affilan eacork， hat his brothers will bo duat it morn prodent Shat of Bokhara has thousht it nora jrugent to piy the srrears of his tribute to Russia lase to run the risk of anothel tho evitivated land of his quently imposed a kex on all the culvivated land of his
 make over hid arreane hers The king of burwah as the treaty in mil．Several Brahmins wh nart in the late findoo when from their oaste． been excommuncated from their caste．
Chivt－The reported refisal rt the Pplin Govera－ ment to repare this Dake of E himbureh is ronfirmed． AUSTR LLIA－The releste of Mr，kenealy，the Fentan romptet in Wentarn Austrila，by order of the home Guvermment，has been the cause of a dilinultiy between the colmy of rime oountry，A fter his release，Mr．Kenealy maco his ap pes rence in Melbourre，and is he whs to be followed y 30 or 0 accomplices similary forwarded from Ireland able sum of money had bean for to be pasa to the on arival，by men of at perties，to was urger on af the colony by whinh any persod enforce the laws of the cal Court of the Fmpire can be eonvicter of selony by antoria and ordered to depart forbiduen to and Bill under severe sud summary penalues．the Hows of had passed throuzh Commitree of Commattee of Assembly with bit few alcrapt edministration of the Inquary into that been apointed．The estimstes had pubicionds but an additional supply hed been not been The South Australian Parliament whe sitting．The Goyprnire of Yas Sonth wales had returned from his narthem $t$ mr．Dramonds ham beea found at Erhonga，South Aluwraha，and it wis stated they exiet thereht to A．lilide from the Westero bad been bouzhtes，salued at 3il mer tom
New Zralan $D$ ．－Actonnts from Now Zanland state that the rebellion is increasing and that great alarm
$\overline{\text { prevails．The }} 18$ th Rekiment had been detained in
the island．Fresh hostilities with the natives had occurred on the Eant Coast．It Was reported that Remi
 The Wankanui papers mpntion the capture of the rebel chipe＇Tauroa sudf 103 men，women，and chiddren
 The pow diametrinills oppumte to that of its pred che interior，anl eonvert them，as far as possible，into a

 of War，dued cu Mondms，ared is，and helator appointed General Sherman acting Secretary of War until Mr．Kirlins＇successor should be appointed． The Vermont election on Tuesday resulted in Mr． Peter T．Washburn（Republican）being elected
Governor by a majority of 20,000 ．The New Fork Governor by a majority of 20,000 ．held on Tuesday journals state that at an interviel held on Tuesday
between Mr．Fish，Secretary of State，and several foreign Ministars，it transpired that the Admins－ tration has determined to recognise the belli－ gerency of the Cuban insurgents before Congress should meet．Such recognition was only temporarify delajed throukle the exertions of Senor Robers，
Spanish Ninster，who has urged the Adminstration Spanish Mintster，who has urged the which were likely to follow，as Spain would exercise the right to searoh American vessels under the treaty of $179{ }^{2}$ ，stating follow，Spain would not be bound by the stipulations of the treaty of Parisprohbitiog privateering．The depart－ mental offices have been closed from Monday to yester－ day out of renpet to the memory of Mr．Rawlins，the late Secretary of War．Mr．Huare，the Attorney－General． has given an opinion to the effect that the members of the test ash bia Lepislature are not obspot enact Inwe until it ratities the sutfrage ameniment．A Cuban filsbustering pxpeltation las been intercepted on the Apalachicolo kiver，lilorida，and prevented salinge．In Mr．Lucian Fairehal for Covernor，and declared in frour of a revision of the tariff and taxation to cause them to fall equitably on all classes；it has also favoured the payment of the national debt in pold．The California election has reaulted in the return of a small Democratio majority in the Leepinature．The last Leginature was Demorratue．The Cottrn rroy of the minted states probably a crop con－dicrably above the areaze General Butler has writeti a lone letter con－ demning the charges pubustied by Mrs．Stowe ＂Mfacmillan＇s Magazine＂agamst Lord 13yron，and exposing their gross inaceuracy in regard to the dates．A draadrul calamity occurred on Monday Pennerlvania．The colliery had not been in use for some time，on account of the labourers being on strike， but they resumed work on Monday，when a shaft more than 300 feet deep caught fire at the bottom，from the ventilating rurnace tumbers being dry In a few fames．The fire continued for some hours，and rubbish fell down and choked the shaft； 202 men and boys a ho were in the mine were believed to have been sufforated．Two men sent down the shaft on Monday night were suffucated On Tuesday efforts were made to force air down the shaft by a stemm fan．An
attempt was also made to effect an entrance to the colliery from an adjacent colliery by dralling a hole from one gallery to another．On Thursday，after much hard work，the explorers penetrated the inmer chamber， and found that every collter in the workings had perished．The bodies mere brought to the surface， When it was found that they numbered 202，and had all ovidently died from suffocation．Several persons were overcome by the carbonic acid gas duriog the explora－ tions，but all of them were resuscitated．Great distress Wha manifested at the pit mouth，which was surrounded by hundreds of weeping relations．A hurricane ocourred partially destroyed，several buildings were injured，Wad partially destroyed，several buildings were injured，god hurricane also deranged the telegraph land lines， and prevented any messages being recelved from $N_{t} w$
Canada．－Governor－General Sir．John Young returned to Ottawa on Tuesday Prince Arthur left Ruyat Highness arrived at St．Jofn＇s，on Tuesdar Ind was enthustastically received．At a levee，held on Saturday，at St．John＇s，Newfoundland．Sir John Young made a speech in which he stated that oppo－ sition to confederation was rapidly subsiding．He praised the energy and industry of the people of the Grovince，and predicted that the Dominion，led by virtuous prosperity．The strike of the ship la－ bourersat Quebechis been compromisod，and order is reathrel．
Harri．－Arviera have been recpived from Hayti wounded at that Sainave hat been defented and badly t）mandou the contest．The Cacua have ca，tured Gonnives．
Covernor－－General of the insurgents in the ca，announced the dispersion

## （IItD 首ttlligence

Money Mabeet，Friday，－Britisif Ficnds Conols are 92 to 92 for dedvery，and Reduced Three per Cents， 912 to 918 ex dis．





## filctropolts ant its Fictutu． <br> TH゙

 in $P$ ，on Weelncrday，and presented lum with a refunsi ion，signed by 1331 Liverymen，assing him to allow hnself to be again nominated for the mayoralty．In thereupon iormed to promote the Lord May or＇s re－elec tinn．On the same day a meeting of the Ward of Aldergate was held in favour of the return of Alder man Besley．Resolutions condemning the attempt to ns an bet of manifest injustice to the other Aldermen who had not yet filled the office，were unanimously carried，and Alderman Besley，who was present expressed his interation to fight the princuple to the end，and to poll to the last electorOfening of the New Mansion House Street －Oa Wednesday murning that portion of the new Mansion House and Queen The partion of ihe streen opt on intersents the former thoroughfares of lueklersbury，St．Pancra Lane，Size Lune．and Queen Street，in each of which a few houses，not beng in the direct line of street，are length of street，from the Mansion House to Ear Street，Blackfriare，will be paved and thrown open for foot and carriage traflic．

The Albeet Assluance Company．－Another meeting of poltry－holders has been held in Manchester any arrangement until Mr．Kirby was dismissed from the office of provisional lıquidator．Another meeting of policy－holders was held on Monday at the Cannon Street Hotel，and was attended by representatives of some of the London banks，and of the Cal－ outta and Bombay policy－holders．Arrangementa were made for securing united action in behalf of the policy－ lool lers and andultants on Thesidas
Chamberv，an atpheatson wis unde for an appomentment In inspect the books．The chlef clerk refused to nterlere，and renitted the whole guestion to the Vice－ Chancellor，who will sit on the 17 th inst，at Lincoln＇s Inn，to hear the petition and other applications in the matter．On Wednesday the Manchester committee of the policy－holders met and passed two resolutions－ one of confidence in Mr．S．P．Price，if he will act as liquidator for the policy－holders，and recommending M1r David Chadwick，M．P，to be joined with him the other recommending reconstruction under new office stormy meeting of the London policy－holders was held， Lord William IIay in the chair，at which neither the provistonal liquidators，the solicitors，nor any party supposed to be connected with the directors，coul the scheme of reconstruction proposed by the provi－ sional liquidators，to appont an adependent committee to confer with the provincial committees on the bes mode or sary the wreck of the property，and to alharecosary in porma sharehoiders in the amalgamated companies to mak g od the losses on the pulicies of their respective as the committee－Mr．Bell，representing Indian interests；Mr．Bird，Mr．Cundy，General Cunningham representing interests of upwards of $100,010 l$ ．；Mr．
Edlim，Q C．；Mr．Matthews，of Grindley $\& \mathrm{Co} ; \mathrm{Mr}$ ． Webster，QC．；Mr．Omanney，and Mr．Wyld，late
M．P．for Bodmin．
Ter Foluntbre Visit to Belgium．－At a meet－ ing of the Anglo－Belgisn committee，at the offices expcutive Belgisn Vice－Consulate，on Tuesday，the limpum，reported that all arranketwents for the recep－ tum of the Enghali voluateers，and the shooting at the Liege mod other files，have been completed sat a of Eaglish riflemen intending to be prevent had been 600 for and notwithstanding the restriction to doubt that banquel and medals at Lieke，there is 10 1100 ，representing about 160 or 100 regiments The shooting will tske place at Liege and Sus．Tho Burgo master of Brussels has announced a grand entertain ment in honour of our countrymen on their return 0
Opening of the Soctieren Eybankment． Carry it is now Embankment，as far as it is possible to carry it，is now opened to the public from Westminster Vauxball．The only difficuley which prosented itse！ in constructiog the second portion of the Eubankment bridge Lambeth Bridke to the Pottcrie，was in the throush conmunneca tion for foot passenkers，from the tact that the foot


## by enna plac T sery the



## （1uma mill be complleted



 the appulication，and the fasulty mar ing
Ikuatius prearthed in the clury L＇rion of Ctristendum．
New l＇elegrapi to
apectus bas been asued of and：C3I China Suburarina Telegraphs of $351,000 \mathrm{l}$ ．In shares of 30 ？The Galle with the Sterats of Setriemen China，and the capital now anked from Ceylon to Penang patented by Mr．Furles，a faid by the India－rubber，Gut
Wrorks Company for 325 ，um orks Company for 325,0 ont
 similar in dasign and dimet，sions t isma of a few days at Hungerfor These are the only statiuns on the nis mop inase
Improyemfy r OF Iosdos Bri
tions proposed by Jr．Latulthat F tions proposed by Mr．Latulitut
will be further couswered by th． Council during the present montu， London Bridge for an outlay to pace on it wrousint－iron cunt shes ：
enough froma tho side of the brite to
wars． ways．A bracket will be placed us
and bolted in the face of the brad be no danger of the cantherers The present wadth of the carrian． of earch of the footways 9 feet．
the carriage－way would be and each of the footwass to 12 feet，
of the bridge would be increased THE DOCK YARDS．－It is stated the Woolwich and Deptford，the Gorerame on the abohition of Sheerneas dockysin， dockyouds arrangements can be carred Chatham，Portomnuth，Deronport The abolition of Woolwich， dockyards is in accordance with the re mittee which sat sone time sid 决，sal dom at some three or four large dowirse： posed that Sheornegs dockyard
Cor BRIXTON MANOR HUCSE：－Thisan $\because-4$ Well－known to all who
southern suburbs of London，

## national velocipede exhibit Crystal Palace．and has been Feek．Several English and axhibited therr machines，atd had az to point out the acrantage inventions，and to alow the raited off for the purpose A veloupedo circus 下as traneept，and for Meary Mohaux， M．Moret and M．Mimpion rider of lelyi the champion rider of belgi

 and Mr．J．C．Gee，as the＂sow of Mr．Hook，the velocipede Iormed on the bicycie principa！features of theHon．R．Lowe，the Chance
 Monday，and watchad the number of m ． Destibectice Fibe－Ade Ma houses in Hubbora．It of two large shops，with a wbing

## ${ }^{\mathrm{H},}$

a metal chaser，who Wis spectators，was killed by the
policeman had his hands cut Watohman at the
gin mamed Edgington，calhing himself an were charged with conspiracy to defraud． that the male prisoner sold a cigar business neli，and giving her a guarantee，signed by who was put forwa abe netit to nothing
On attempting auy．
3iarried woman，
of protection agains prenis 1 mi
stated．
pleaded coverture，and Nine previous exami Edgington for trial on都
Tuesday the prosecution
 of Abchurch Lane，who absconded to New ing from the Liverpool steamer Trivn by the prosecutors，in consequence of －son of the leading partner．The $11,600 \mathrm{l}$ ． In wordered to be handed over to the firm． Toolwich Absenal Robberies．－On John Arthur Jones，and Thornas Wright t up for flal examination on the charre quantered into a conspiracy to defraud her
poods in question waste paper bad been
period 111 cnt of while 6100 owt．had actually been sent while difference being is stated by the not waste，but uncut reams of paper， for trial，bail being refused．
MOBDEE OF MDELE．TINNE IN THE INTR－ Aprica－The Malta，correspondent of the have been received from the interior of Baron de Testa，Dutch Consul at Tripoli，
the murder of Mdlle．Tinne and two Dutch only European attendants．The melan－ plare in the Ouadi Berdjoudj，one The last letter from Mdile．Tinne，who the interior on the 30th of January， the account of her murder，whioh was after the occurrence by one of the Arat The party，escorted by an Arab，El Hadj e Touarens，who was waiting at Taharat to himself thence to Ghat，fell in with s party Bon Boker，another Touareg chief，who dis right of escort，alleging that he had been
MI Hadj Ikhenoukhen to conduct her to may here mention，by way of parenthesis Ikhenoukhen visited Paris in 1863，with the two parties agreed to go on logether had seen El Hadj Esscheikh Bou received presents from her．The
ouareys pretended to dispute among them
Who should carry the palanquin of
The Touaregs were armed with lances
The Arabs，on the pretence of defend－ es，seized the arms of Mdlle．Tinne＇s 1ng loaded Malle ground while the advanced to separate the combatants． s，named Ootsmans，was immediately rough by a Touareg with a lance，which also negro who was behind him．Mdlle．Tinne then a Touareg struck off her hand with a deat a Arab shot her in the breast，causing her help，was then shot dead by an Arab responsibility of the crime was ingeniously terrants，consistragers of the two tribes．All the wred to escape，except a young negress named A that Mdille．Tinne proposed making 2 tour camels from ，while awaining supplies Mourzouk，to Tripoli，and intended to mot ai Mourzouk thence for Bournou． wet at Mourzouk Dr．Nachtingall，a Prussia to the King of Bournou， wiry of the Larsuuk for suppous，also intending to return to supplies before proceeding to Bournou Cesta has sent ordime in November next． ＇s party to return immediately to tripoli． Ferdjoud，is，according to Barth，in the ；but the Pache holds to the contrary， foll known that he raises tribute there do so．He promises to do his utmost to tad inability justice，but as he had previously the is acarty to protect travellers beyond to ad news reached Tripoli on August 18
a degpatched at 12.40 by telegraph，and
 steamer leaving Marreilles two of the nephewa of order to take the neconsary steps，if posible for ithe which hed been sent from authorsties， $\bar{m}$ ho had also directod that ill papars al effects found on the scene of the murder should be
carefully collected．M．O．Houdas，Professor of the Lycée d＇Alger，a friend of the late Mdile．Tinue，has arrived here from Tripoli，and to this gontlensan amentable event．
More Military Suiclides．－Anorder for removing the service smmunition from the soldierg＇pouches
arrived at Pembroke Dock on Tuesday，but belore the order was carried into effect another military suicide
had ocourred－Sergeant Litte，of the 86 th Regiment． following day another suicide whe perpetrated at 9th Lancers，who cut his throat with argion of the The Public Hzalue－The Repigtar Gen Weekly Return states that in the weok that onded on registered in Jondon and in 18 other larea townere the Trited Kingdom．The snnual rate of mortalits Was 25 per 1000 parsong living，being 23 per 1000 in 26 in Birmuaham 25 24 in Salford， 29 io Shellield， 24 in Bradford， 29 in Leeds Glagow．In Paris the apoual Tyae and sib in weegow．ending September 4 was 25 per 1000 ．The inst in Berlin during the seven days ending the 2 d inst．Whas 31 per 1000 ，and in Vieana 25 per 1000 during of 1128 boys and 1028 girie，in all 2156 ohildrea were registered last weok．In the oorrespondia， weeks of 10 years，1859－68，the average qumber correctea for acrease in populathon，was 2072 The deaths registered in London during the week the average number for that week，correoted for increase of population，was 1353．The present return is therefore 38 above the estimated amount．

## Mrobincial．

Aldresfor．－On Saturday the finding and sentence $12 t \mathrm{C}$ Retmential on Private Niel，of the 1st Battalion justifisble cause，loading his rifle in his barrn． $\mathrm{h}-\mathrm{rown}$ were read before the battalion The（＇or
character，sentenced him to undergo an imprisonment Fith hard labour，for a period of 12 months．On Mondey the finding and sentence of a courl－martial on for losding his rife，and threatening to＂die for＂ man in the same regiment，named John Keen，wes read on parade in presence of the battalion．The prisoner pas found Guiltr and sentenced to ofo days imprisonment with hard labour in the divisiona military prison．On account of the prisoner＇s youth mid former pood character the Commander－in－Chief in cunfrmise the progeedinge，romitted half the term of imprisonent On Fridar a court－martial was hel of imprisoncen．$A$ a Greenley．Both men belong to the $2 d$ Battalion 5 th Fusiliers，were quartored together，and were apparently good friends．The defence was，thst the prisoner，who Fras subjent to fits，and had that evening been allowed to fall outat drill on account of sickness，was not his right mind．The result will not be kinown untin Commander－in－Chief
BadMistons．－The annual dinner of the Badmintor Farmera＇Club was celebrated on Wednesday．About 300 ladies and gentlemen 肠t down．The Duke of Beaufort had been announced to preside，but being called aray on important business，the Duchess under－ took to supply his place，and when she ontered the tent in which the dinner was served she was received Fith loud and ringing oheers．At the conclusion of the repast the Duchoss proposed the usual loyal and patriotio toasts，and that of Success to the club， knewabe speaches．their delight reached its clima． when Lady Blanche Somerset，her grace＇s daugliter rose and responded to the health of the rounger branches of the Beaufort family．

BeIstol．－The Social Soienoe Congress will be held in this city from the 29th ingt．to the 6th Ootober．On the first day a special nervice will be held in the atter Bishot the Cathedral，and a sermond in the evenin Bishop or thoucaster and Bristal，wered br the Presi dent，Sir Stafford Northcote．Mr．G．W．Hastings witl preside over the department of jurisprudence，the Wer Charles Kinesley over that of education，Dr Symonds over that of health，sud the Right Hon． Stephen Cave over that of economy and trade．Daring the sitting there will be a conference of ledies interestod in educational，sanitary，and of Mies Mary subjects，under tor bing men＇s meatiog is also organised Carpenter．A working mens 8 mediug Thare mill slso and evening soireer are or Tintern Abbey，and the be excursions to training ship at the mouth of the to be discussed：－ are some of the special questionst Law Section．－I．What ought tu be the legral and Munjokpal Law section．－I．What ought to be the culones 2．What is the most expedient mode of intruducing int

##     

 Th 0 ， Frie The Lords of the Admiralty have granted to the Formidable，the late flagship at Sheerness，wa a traming hip for houseless and destitute boysa and Commander Poulden，R．N．，bus been appoiaiod Captaiu Super－ thendentCarnarron－On Tuoday the gacht of Mr．Grinith， squalt near the Menmi Bridge．Trnonly capsizod in orwiow ashore，but the butler and a Isd were drowned falf an bour previously the ywots of the Mayor of artariog，with a parts of frecass on bourc．We xtremelr naro Chester－On Tued
Chrster．－On Tuaeday an intimation was reocived o thia city about tho middle of Ootober，sad be present at the opening of the new town bull，whioh
Cowes，－The proposed yscht ra of from Englund to Amerion has been sbundoned．The owner of the race the Dauntless from Cowes wo New Yurk，Blarting the 7 th or $8 t h$ ，but it whe stated the Dusutless could doubt this would run the yachts into the equioootis gales it was ultimately manged that the match with Mr．Lorrilard，ber owner，sod a party of frionds ort for some time，put into liermudu on the at this Great anxety had been felt for har safely，as she had

## been 25 days at sea on her way from Now York to

## Liverpool－Dr．James Seaton Smith，of Rodnes

## Sireet，who diod after a short illne hir left hy will the sum of 10.030 l

MANCHESTBE．－On Sunday morning the Kev Michael Gellagher，minister of the Protestan Relormed Cauroa ia hais cily，followed by his conare－ Inven where the ritual is soid to bo ertront hit They were refused admission，and exentually Mr Gallagher took his departure，lenving a crowd belund soon alterwards on the Mo．M．Brometiead，the curate，quiltiag the caurca，be was roughly amnded windows of which were broken，snd a chorister was everly inured．the of of thanapirented by the poice ia the act of throwing stomes，and a warrant was igsued by the magistrates for the appre hension of Mr．Gallagher．On ruesday the rev． gentleman was brought up at the borough polioe he was sentenced to pay a fine of $5 /$ ，or be imprisoned for two months．An application to bind him over to keep the peace was refused，on the ground that it man apprahended in the sct of atone throwing was sentenced to pay a fine of 30 s．and costs，or to be committed for a month．
MODBUBY．－The parish ohuroh of this town，where Ritualist services have been performed，was entered a ew nights ago and stripped of all the furniture which might be associated with higa service．The aitar cloth，candes，flowers，and decorahons were cartied away，and vases and other ornaments were smashed． The perpetrator of the outrage has not been discovered NewPORT．－The examination of the boy Charles ，owoned Hiss the borough masistrates on Thursday of last week Mrs．Colizer described the symptoms which were shown in her child dilness berore sue diod，and more pas Not long after this some of the fowls，which it whe the prisoner＇s duty to feed，were attecked in similar manner and died．This tended to throw suspicion on the prisoner，and Mrs．Collier threatened to send him back to the Caerleon Incustrial School，when be con－ fessed that he had aiven Miss Collier poisoned wheat． Oa Friday the inquest was resumed，when a report Fas read trom Professor Tayior，suam the inteatines，one half of the liver，one kidney，the spleen，one half of the heart，and one fourth of the ungs，all of which were carefuy submation of mineral and regetable poisons，with the reoult that no trace of polson was found in any one of these organs．The poisons pecially sought for were arsenic，sulmony，mercury vegetable poisons－such as strychnsne and morphis－ Butler＇s verminkiller，se，and the renulta where that no pulsorn was present
pquyy waz apain anolyais might be made by Dr．Letheby．On Thumed

S'Speryity
the innuest was rewumed, when a letter was read from
Dr. Tidy, of the Iondon Homital, stat na that Ir
 the analysis in hus ahseanen A lether wat alen res from profesor Taylor, espresoing his belief that th
 death, and the bram monertel, it was mot problable that ingly+ut ura again adjourned.
made some time sinoe menee a cturge of atuly at Obrist Ohuroh, in Ootober, dence, knuwn as Grandpont House, and sitnated over and that jirmirations have already been commenced
Pendlegon- - A short time since the body of a giri and a verdict of "Murdered by some persons unknown" woman, wh.0 was soll e Anss afterwards fust youn alise. Since then the noquirics of the police have age of the dereased. The body has been exhumed and the surgical testimony now inclines to the suppo been calused after doath by bat passing over tho
 addressed the following letter to Mr, Leonard K.iberrs, jun.,

## 




 figures, and if wholly without logic or gense. The good harves and when we have a sufficlent supply of cotton Ianceshise
will recorer from ita present distressed con, itiun. It is mire the poople of Lancashire will not fail to underartand this."
Rovitov - It is proposed to erect at thes placo a poor as cannot receive proper attention at their own Mra. Vernon Marcourt heads the subseription list whth a donation of 200 l . Others of the local gentry have put their
Sherpirld.-The Cutlers Feast for the present Firth, who has
three years in sur exsion, in the chair. After the usual loyal toasts Mr. Roeburk pronosed "The Army, Navg, "Tt wre pitify sern to
"Tt wht pitfry eemnmy t) Hinots and ruako mitseratio the men who sarved them. His helsef was that no money could
bo \&o well apent us in ragking tham happy and comfortable and
contented in their condition, and that those who would that the brave men who sacrificed healthe who wheuld to their




 would in enat more than it $x$ nil tomy that na binglish navy

 the large bodiea of tho nationa irnund them; but they had in their own people a body of tho pith emd atrength of the The meant the Yolunteer furce. Thoy were a supplement to to snvado Enyland. Therefore lien siderybody who intended be penerous to the army and to the navy of England, mo they
 was that geatiog? It was England, and the enthusinum that was to usalatain the howne sin sanat pirg of bis fatter
In roturning thanks for tho Navy, Mr £ J. Reed, . D., the chief consbrictor, rasde the following expenditure of ron-tiad fleet in relation to the genera since the first Navy -
notion has expented upan the wop of war wat laid down, the 10 mitiliona exterimed upan the ermatruction of froncised ahmp more! Diming the sams persai the cuantry has expen lea


 pery proper a
Admiral
mament

## importance that as large an amount as possible of that fleeting    <br> The abolition of that wlest of imposters-ured tape, resulting

The Marguis of Hartington responded to the toast of to that of the IIrmise of lurds, Mr. W. F. Brammont
 follows on the latours of the jant aesinon and on the
prospects of the next:-
 members of Parliament, none can remember a session more
lengthy or wure laborivuas. Anui the task uf the Guverumeut
lhis not been lighter than that of the House in which it has


 in to look forward to. It never was our ambition
to limit tha work which wo had undardaken to the
ilestriction of any institution, howover neceasary wo might


 efety ac onnt now coming frim Irelin I at, iwn. I think
may aay thant the task which lies before us fo the future is one not less arduous but far more arduour than that through
which we have just passed. Wa have undertaken, as you

 -misht I venture to express a hope, and an earnest loone, that th. it question, when it comas to be debatod in Parliment next year, may be debated with as little as may
he of party political feeling. And why should it not be so
This particnlar question has never yet been made the battle ground of party feling ; men aro not tieil and hound by
watch words anll ancient profesions of faith, which they find it ulten to difficult to maintain, and yet so match more dificalt
to get rid of Men are comparatively napledged upon this
 one of the ryuatest und must inspartant q'uaktutas fffectitug the e
that

## tha p w th m


think, on the othor buad, of the enormous, anl whela W might endue to the intereats of property of all kinds, not only sottled, or attempted to be setuled, on ptindiples which are
 It is not only the property of Irish landlords which is a s. 4 pora for moment that any disculssi., an will gre for do nut or that any measure can be passed, without principles and intereats of innalirds but of cunitithate of every degerintion者 tut of all el ussen whon the questo at ia lurusulat formatil nex

WINCHESTRR,-The execution of William Dixon B private 14 the ith Fusisers, for this murder of of the county gaol. The culprit, siuce the commission of his arime exhbited a most contrite state of mind and left beniad him an sppas to hus fellow soldiers and otbers to shun the love of drink which led him to oommit the orime. He aconded the soaffold with fortitude and resignation, and died almost instantanentialy without a strugge. A black flag wac hoistan on the prison gate as the dron fell, and remaned there for an hour; bist not more than ill persons were outwide the giol durisg tho execulion An inquest on the body was held the afternoon, in

## accordance with the new las.

Ho ofcesteh. - The 1 thth meeting of the three chors of orcester, flereford, sud Gloucester commenced in week. Monday was decotod to continued during ta four succeeding days there were eight performances During the mornings oratorios or sacred selaction were given in the cathedral. The evening concorts, which ronsisted of miscellaneous selections, tonk place in the College IIal] The oratorios wero Mendelssohn' bilas, a new oratorio composed expressly for thes Prodigal son :" arectons from Handel's entitled "The Prodiga, son:" Relectıons from Handel's "Judas Macy"Hytan of Prasse," and Handel's "The Mendelischa" Hytna of Prase," and Mandel's "The Mesaiah." The
monvert of Tueway evemnas included Mr J. F larnett's cantata "The inment Mariner," whinh was produred tor the first time at the l3ırmingham Festival,
and a prize alee by Earl Beauchamp. The principsi
singers were Malle. Titions, Hudema Th
Mr. Sims Roeves Mi Serrington, Madame Padoy, Migh let the band, which with the phoores
350 perform 350 performers, Mr. G. Townshored
the organ, Dr. Wesley
was the conductur.

Ifreland.
Election of 4 Represer
Orammore and Brown has bee
Peer, in romo of the late Lord
Expected
Expected Visit op TEP Cus
Core.-The Mayor of Cork hes
communication that the Chsnael P
the 97 th inst, Bhen the Tirs ${ }^{+}$
Council lave res.lver to int te the
and dady Spenrer to bo present as
Objertion was marle to this matation,
that it
Government's refusal to releq-e ing i.
THE Reotion wa
rous meetings, lay and clerical, oontinuoto preparation for the forthcomi

## invariablo adont

laity with the clergy in
Synol of the future Chureh
members, excrpt the Archbinhns
olerical meeting held at Kildare
Lord Digby, the patron of the livil $q$, be: intention of alloe ting tonards thip fu
of the parish the Jome or comm
recpire as compensation for the ment the endowrent thiss prons dey the building charge, for s hich amnu Limerick, Dunmanway, and Skull the purpose of eleoting representatir syonods. At the Limerick meetin
strongly expressed that the lait scnted in the
clergy. Several infuenthal speakers Church required the

## brok should

Wibla thated to inculcate dootrine remove clergymen preaching heretha dis mot one should be oriadied to for the office. On Monday the Archbis and. Dublin were presented with the intimated therent meeviag of the that they should tuke the inttatire representation of the laity by requation tha Bi furgestring the convening of a meetiag of ${ }^{\prime}$. delegates to a dincesan meetug one in every five will be ohosen at 1
ing as delegates to gttend the $L_{3 y}$ held in Dublin on the 5 th of Octobe

Cabdinal CULLEN ON THE CHURCH bin Cardinal Cullen has ordored a three ajo the Church Bill. He praises Mr. eloquent and provident statesman, and be exposed for the veaeration of the
be exposed for the vezerbtion of the rail.f w. THB ORANGE ANNIVBREAR Moniay Mr J wata M. Orange hall in antrim on Mondyy Man (ates down the aunnsersar,e- at on orce, but the Orankemen, if necesssar, the miot Derry ouce more. ILe declared that those rine ryiag to son disunior betheer the Prat ret Ireland and England were Jesuit, reen op a 8 iratricida contest. The cry dan been, put all in a pasition of religious equ would be conteatell
There Cardion Cunen and his followers at cos
 claim.
THE Last Question.-Sir Joha Gry hs $\geqslant$ n urgent appeal to Mr. Johnston, M.P., to the of the Orengemen to join the movepen. ment of the land question, on the grivisa tenantry in the north are as mothon inith reform of the land laws as those in the soutb. THE ATTEMPTED MURDBE OF Captan for - It is stated that the Special commaping Captain Cambert will be

## 27 th ine

Las FBNLAN Convicts.-A meating wh Bray o few days since for conyluts, or, as they are desoribed so such th the "
drive

## esort, the meetiny

All sportad
Resor
the Feman，formerly a prisoner in
from o windou in New York on

as Fisifrifs Commission－Thee evim Irish Sea Fi－herles commentead Amaralyy brve placed the Royal it lisescivt of the eommiscion，sn
i nepection may be as perfect is

## EcotIanto

－andans PFERAGF，－A new clamant \＆neon Fisace，late Colonel of the Irenera liraser clatms to be descended
 Hi Whas Thia ancient family
hutherand，situatel on the wost
 －nore extimpuiche 1 much fine furno－
 $\because r, b$ atortly b before．
 ti．en anday at Dunk ehe was blann

A harrel rontaining the powder anto the luilding lyy some one
－hat
the dnor，aud thien laid down a Ne fire．The explosion tore of the an the furrons into athousand pieces，and
ase whoce baldur．Thas malicious aat is he lase sotue connexion with a recent － 2 wi wip the toll collector＇s boy at at of misebief recently The on the duke＇s property，a reward of $25 \%$ ． ind oferd for the apprehension of any one －ales wat ine a，ith ult．

## 

－at mis Excersfon Train．－On Mon－ athm I．verpmom and Manchestor．The train Fa：posth，and the break－power insuflinient ase trisin ranning down the steep gradient
a the siding of the Windermere station． ar the through a limestone－built buffer． －tocecing dos n some outhouses，hall buried is＂hr sard，it wrould have destroyed．The marer ylumped of 100 yards before the Ine injuries to the passengers Fere only

## （9）โtuary．

TR，SR CiEanLDg Gore，G．O．B．，K．H．，Colonel
 Luptal He was loon in $1 ; 93$ ，and entered Wir in 1814．He was pregente at the the tormm－

 ： 1 then the action of \＆an Milan，eqpture of

 Th nt at t $e$ ，hnt watis of principal arde－de


 and a lois was mande a Khe war medai Ming previnuly been nade a companion of
 Tris transferred in 18Cl to the 6 the
 metrose the countess of Erroll and $i$ rother of
 －It minent of purbicic meneral Thomp－ ath whanent in pullic men．He whe －2at wich wis at the time cuaducted by an wres histcrata．Ho afterwards went to
Ho terrmg abont four Jears in the navy he


 Tincer uf the＂Wextminatur Revicu＇，
 \＆Pr BaIt，of Wellesbourne，Histings，

 ＊toy hit wang the Pelingular Campsign，


 Dandridge，of The Coma



 It Wit it chamancement of the bookn in the thlorary wat in


 by a seriea of articies in the supplement of the＂P penay Malle
 memulership of che Hugugarian Acaliemy，procurod for him the





Wind 10 －The will of Lard listlee Selwen has then awo．m

 suata Eilh，near Hull，R．n，ohol ；Mr．Thomas Wilsons，of Purk
Houno，Cottinghan， 2 200，ound

## fatarkets．

COVENT GARDFN－fept． 11.
Trade han been sery slack here dunthg tho past weok

 Gladiolus，Mignonette，Puchesng，Lhiuman，Dahlias，and Astort， FIURT．



## Vegetables．


 Beet，per doz， 29 to 90
 Cabbegen，per doz，is to 2 m
Carrot，per bunct，


Parnlay，por banah，qd to td Celery，p whin，

Endite，Mer fuz， 18 Gd to ${ }^{2} 9$ ．Fluken，do ，yua to 1509
 norse Radish，p．bund． 39 to 5 s
Leekg，por buuch， $2 d$ to $4 d$

HAY．- Per Load of 38 Trussen，
Bstriffelin，Thursday，Sept．？
Trade very slow for meadow Lays，first ent Clovors in Primenc Meadow Hay Pufarior du．
Dew do
 Inferior do． Inferror do ．． 120 stal 130 e Inferiog
Straw
$3 \ddot{38}$
$\begin{array}{lll}110 \\ \text { Prime new Clover }-100 & 115\end{array}$
Claiberland Market，Thuysday，Sept．？

 New do．
Superior Ciove

Jóshuà Baker．
Fine Man Werteceapsl，Thuraday，Bept． 9.
Inferior do，Hay 98 tolosg PrimelsteutClorer 120s to 130 s
 Straw ．．．．．． 33 38 Inferior do．．．．． $88 \quad 95$ ENGLISG WUOL
We have had a steady market，but without change in price． The very marked rise，however，in colonilal wools，which are
now 10 to 10 per cent．nbove the prices curvent ind May，is now untikely，wo think，soonerer or later，to produce af fapour－ uble impreation．

FLercky－Southdown hoggote
Halfi－bred ditt
Kont Fleeces

Sorts－Clotiving
1 to
2
2
3
3
0
0
2
2
10
10
0
0
LEADENHALL POULTRY，de．

$\begin{array}{lll}\text { Gease } & \quad . & \text { eech } \\ \text { Gusling } \\ \text { Turkeys } & \because \\ \text { Trrkey } & \prime \prime \\ \text { Tullets }\end{array}$

enel $\begin{array}{lll}\text { Turkey pullets } & \text {＂} & 00-50, \text { Partridgeas，young } \\ \text { 1urks } \\ \text { Duck }\end{array}$ buek fing ${ }^{3}$ $\begin{array}{llll}2 & 0-3 & 0 & \text { Hares } \\ 6 & 0-9 & 0 & G r o u s e\end{array}$ $\begin{array}{lll}\text { Surrey Fowis，couple，} 60-9 & 0 \\ \text { Do．chickens } & 5 & 0-6 \\ 5 & 0 & \text { ，Urouse }\end{array}$ Barn－door Fowls＂， $10-70$ ！EnglishEgge，p， $100,80=1000$ Leverets＂Freach $20-2$ 2 Forter， 1 s ． 0 d ．to 1 s ． 3 d ．per 1 b ．

METROPOLITAN MEAT MARKET．－Sopt 11

## Best Froesh Buattor

1en per dozen 1 b ，

METROPOLTTAN CATTLE MAREET
Monday，Sopt． 6.
The supply of Beaste io about the same as on Monday latt
the supply of Beaste in about the same as on Monday latit
he trade to very dull，and，excopt for cholcent descriptions；










 RYE Mrai，Yorelgan





The keather siluce the isi hirbt wist time，whit occustonal mioners．The reccavery in priceur of Wheat noted lant Kridd Weok，but it appoors to have boent too the early part of that rater realiged fil mome markete could not bo nurtulned and we havo now，under the influence of larke fireikn arrifale from the pautue of purupe，to rephrt a dul？trade，at an advanco in must be chicefly athloutel ta the uf is．We 28 ，per $4 r$ ，whiteh




 from const week，there reishing，of whath，with thanc left over



 cloned tirns，in 日pita no latge smppliek an are gavo way lo
 anythitu Nuins P＇ris，Sept 9 －The What trate is Grim not active hor quated 39 m .6 d ．per 280 lb ．The stock at the Helle is esti－ The at
foreiga maderate，Thast wrais this week hare been small，of toreigo moderate．Thery whs a pour attendance at thi
morning＇s wiarket．Enalisiz Wheat brought Mondny for foreign the demand maa limited，ald but little business transacted．Spring curn was unchanized in value．

|  | Whent． | Barley． | Oats． | Flour． |
| :---: | :---: | :---: | :---: | :---: |
| English <br> Irish ．．． <br> Foreign | $15 \% \mathrm{qrs} .$ | 二 qrв. | $\text { — } \mathrm{qra}$ |  |
|  | 35，500 | 2180 | 26， ，$_{2} 0$ | $\left\{\begin{array}{c} 14409 \\ 13,82+b r i a \end{array}\right.$ |
|  | 3：，083 | 2030 | 26，720 |  |



 lower．Uats
rather dearer．

| July 31 ．．．． | Wheat． | Barley． | Ontas． |
| :---: | :---: | :---: | :---: |
|  | 51．9d | 3154 | 254．80 |
| Aug． 7 ．． | 618 80 | 324 | 88.1 |
| 二 $11 .$. | 52 | 3010 | 2711 |
| － $21 .$. | 681 | 38 ？ | 25 |
| Sept． $28 .$. | 848 | $32 \%$ | ${ }^{88}$ |
| Sept 4．．． | 5111 | 86 |  |
| Average | 525 | 3211 | 972 |

In consequence of the recent acceptable showern wo hasce more dong in the seen trade，a fair demand haviag oprosg rifolium incarnatum is scarce，an i sells frecly at an uitvanice

THE GARDENERS' CIRONICLE AND IGRICULTURAL GAZETTE


 Treaths are, however, beld with much firmness. More rai
tionould be very welcone Joby Shaw \& Sovs, 16 , Water Lane, E,C.

Mesers. HOPS - Borotoh Market, Sept to HOPS-Bonovoh Market, arce off slowly at akout the follommg yantations -Weall
 that the Hops cyme down very phort of expectation. The
quality ia likely to be good this year.
W ANTED, as HEAD GARDENER, a stcady Young W ANTED, a hrst-1 liss FOREMAN, 11 a firse-class

WANTED, a NUKSERY FOREMAN and PROPAGATOR (lndoors).-Apply by lettor only, stating previour WANTED, a steady industrious Man, as FOREMAN experlonoo in both indor and outdoor departments.-Addreas, sututing age, qualifictiong
Nuraeryman Sale, Chesb
$W^{A N T E U}$ a a TRAVELLER , thoroughly acquainted the Humber - ATply, tating full antecedenta, to HETER LAWSON To the Seed Trade.

 WANTED, a competent steady Man, to MANAGE a
 W ANTED, a GARDENRR, who practically underStore and Conerratory Plants.-Addreeb, Revo W. C. RANDOLPEI, W AN IED, a MAN and bis WIFE, -'The Man to take
 may bo arrmyed for New York, as Shopman, an active Trate, gnd can uroduce first-class reforongaee. Apply to W. D.
sossrs. Peter Lswistant in seed Shop and office.
$\mathbf{M}^{\text {B }}$ Asistant in Seed Shop and offce.

 WANTED, a COWMAN and UNDER GARDENER, dron, about 30 years of ape. His Wife to attend Lodge Gato, and A H, 16t, Gresham A Houstrate, Broand stetreet, Cily, E.C.

WANT PLACES.-Letters to be Post Paid. 1 XPERIENCED GARDENERS (or as GARDENER
 E. G. HeNDerso

P Michaelmas Engagements $\mathrm{M}_{\text {Re }}^{\text {F. T. BOW WICK hal the pleasure of recommending }}$ FORESTERS, and WORKING FOREMEN, , Bla HEADCARTERS, Esilord IUCOMBE, PINCE, AND CO. have always on their mend to hill any situation, whother nat Head Gardonerd to largo atteation Gaidenere and Under Gardeners.
WTM. CUTMUUBH AND SON beg to state that they Those oharacters will bear tho strictest inquity. Any Geatloenan $\mathbf{M}^{\text {R. WM, PAUL begs to announce that he hak made }}$


[^60]
ARUENER (HEAD), - Age 40 , married; $\{$ steady,
 So single handed
(TARDENER (HRAD)- Age 39, married, no necum-

C AlvilNER (HEAD). - Marricd, without ncumbrance,


GARUENER (HEAD), no family, THOMAB TODMAN,



Westow Street, Upper Normd, WORKing),-Age 30, marticu, Or one child; thoroughiy understands the Growing of Stova hnd

 Late and Einly Forolng. Two gears oxeellent charactar from his

and Kitchen Gardenlug. -W. P, Mr.
Peterborough
$G$ ARUENER (Hzai, or SINGLE-HANDBD) - Middle-

$G^{\text {ARUENER }}$ (HBAD), where three or four are kept.

 Cra ARUENER (HRAD), whpte two or more are kept, in

Mildculin 1 , Suffol.
( ${ }^{\text {ARD }}$ ARENER (HFAD), Or MRSEIY SALESMAN.-

(YAkDENEH-Married; undertands Forcing, and
-E. M. Haddiogton, Calne, Wilts.
Othe profeasolon, Elight yoari tood character.-J. ROBINSUN,


( 4 A LDEN LEK. - Age 34, married, small family; experi-
 Neik, cottase, fual, to larseryman
CARDENLR-JoHn ATEVBNE, formerly of the Royal


 of Timber, Management of Covers, and to the General Superintend ence or a largo number of men. Axcelle Addremas above.
(YARDENEK (8INGLE-HANDRD), in a RMall quiet

GARDENER (Under), or can take the Managemen O of a Garden ซilh Greenhoure - Ago it, wingio ; good rolorence.
(YARDENER (UNDER), to assist in Nursery-Age 24:
Clapton, N.E.
Cr outener (UNDER, where gardening by prokit and previons amplos.
GARDENER (UNDBR).-Age 21, respectable; wishes


CABDEN and ESTA'LE SUPERINTENDENT.-


OLe Daughter, nyo
TTarrace, Grove Rood, Homisilow, W.
TOREMAN, in E good place.-Age 23 ; eight years'

HOREMAN.-Age 25; has had 11 years experience 8hrowbury
FOREMAN, in the Houses in a Gentleman's GaruenFere Age 20, nenrly two yenra in last tituation Unex
HOREMAN, in a Nobleman's or Gentleman's Garden.
reterences.-A. A. G., 4, st. George's Terrace, Huratpierpont.

Turnham Green, w. FOREMAN $_{\text {(GROUND), }}$ PROPAGATOR, de.-




FOREMAN We or could Manage



PRUPAGATOR.-Ha

TMPROVEK, in a Nobleman's or Go
FARMI BALLIFF, at Michaslmas -Tv


qualnted with all branechea of h'p profores prec 7
13 tholfry (H OHKlNG), or FUnEH thoroughy trustworthy, utderstuds "*

1) quK-KEEYEK - \&il exper ne a
 TKAVELLER and SALBBYAK, Gerning Holland; havlog beon bome tan is Gernany, and Belgum, is quite a
Lotters to be addressed to J $K$,
Cerrace, Acre Lane, Brixton, L, Tarracg, Acre Lan
毋 M Maried ; the Anserticer, hantig bad a disgblod from heay wort. Testlmo.
WAKEHOUSE FOREDAN, Bridge Road, Battersea, S. W.
GHOPMAN, SHOPMAN and CLRPE 3 and ASSISTANT SALMSMAN, - Ayot5; 1 Unexceptiruable ref.
CHOPMAN, or SECOND SlFOP3IS

CHOPMAN, or ASSLSTAN -Are



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for delicate constitat.ons, especialif dud Infanta DINXEFORD and CO. 172 Ner Bond gime CORNS and BUNIONS.-A Gentleman

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FAMLLY APERES

C
UCKLE'S $\quad \triangle$ NTIBILIO
In use the

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BILIOUS APFECTIOSS

OOCKLE'S ANTIBLL


Tuf gationtrgi Chromitle I 2lewspaper.
STCRDA $5_{1}$ NEPTEMBER 1S, 1869.
RR'S PATENT STEAM PLOUG
Fo whIFATOR mey be SEES at WORE in overy
 Fprecars poly to Joan Fork Ledis.



「HE TANNED 1.fA1HEH COM1ANX,

PHLIR GTRAP and SOLE EOTIB



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 ORNMENTAL LAVING TLLES for Conagrvatories,
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The New Vade Mocum (Inventod हat
(YHARLES H, VINCENT, OPTCCAN, of





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## 

Instructio




 and soveral orthers have milyo boan estal Schor a 1 rogpertus sud information appty

## 

The Coort IN Scotlaxd.lanamoral. During the week her Various excursionenhead, and other in the aeighbourhood. On Saturday out in the morning with Princess C in the afternoon with Hon IV. L Leopoid. Balmoral as the Mnister in atten Hajesty. On Suaday the Queen and titeaded Divine service in the of the parm On Monday the (Queen Fent out wikn Prince Cluristian weat on the ruruias का Louise and in the afternoon hitil Practa Loulss, and in Beatrio. 8nd Princess Beatrioa. Frider, and travelled south wands frou a
 ar mom home

$\therefore$ an $t$ in limal chalimen. ith th.

sut.. rit that the Bishoj) of Fiveter, on

50 seriully Il that is feired that he will 0 complete the arrangements consequent
NICIES-Mr. Titas Balk, of Saltaire, d (row Cest, Yorkahire, und Alderman I. for freeawne have rece, vei rom le $L$ brial party, and been Iona distinc murreuleminegee and phuanthropy colna has filled the oltives of High Sherith 1.0-1 Matar of Londou, and atoo hold- a r, the mercantile aud finaneial world It ( raw ford, M.P. for Tonarlon and Governor E, Lisud, and to Mr. James O'Connell, hikomb, the surviving brother of "the
vitigy Moviments.-There are now two the vacanoy in East Cheshire, oaused athin. brousht forward by the Liberals, has been selected by the Conservatives as anulate Antiom for Tipperary.
III ELETION COMMISsIONs.-The Bererley and Mruter Commissions have been sitting this weok. Commission will not reassemble uatil

BIMED It,fers, -The ironelad fleet, conships, arrived at Lishon on Monday m Gibratar, ald wel,, and anchored in the the fleat sailed on a cruise of four days mater whioh the shipg will repeir to their -reve stat omb

## fForeign.

-The Emperor's haesth continnes to On Rriday notwithstanding the rainy Toon with tho Empress. Their M1ajesties rtout escort through the Champs. Elyscies, the
 fatikue from the drive, slept well at
light breakfast at 10 oclock on Satur His Majesty afterwards presided at a instores, and then drove again to Paris to his convalosoence In the afternoon the gain drove out park at Villeneuve. Emperor received M. Forcade do la inister of the Interior. On Weduedday restded at a Council of Ministers. The ris. The Emperor reoeived Lord Clnud on Thursday. Marshal Prim Smnish Ambassador, arrived suduestuy from Vinhy. The Marshal lasted one liour. The object of this posed to have been connected with he pued States towards the Cuban he Paris journals publish intelliqence the elect that the difficulty between ubsent and the Cabinet of Washingtoat the Prow in a fair way of settlement on is the departmperial will siorty make $a$ sald to be unfounded, as is also the state apoleon left intends to proceed to Brarritz. wonk the French and Belgian oonets, and is be absent for s fortright. An Imperial eea lssued appointing the Minister of alant, Minister of Finauce ad to, has just bought for the Emperor the $t$ the prics) a nroperty of the into Count acrea, and $1,250,000$ franes. The domain Cof his IIajesty s civil purchased With the Crimeal Cration has rejected the appeal of $\mathbf{M}$. ithe direntror of Lion Assurance Company The 3 Iadrid papers of Monday state thet a cular communicating a recent note o at the American Minister, in which he oblige the Trubled States in America
rebels as betligereuts, the Spanish
aras received from England, France, and rations favourable to the rights of Spain.






 that there is no necessity in $\mathrm{h}_{2} 2 \mathrm{~s}, \mathrm{f}$ is R!urn of honome of the Minster of Justice fur tho clurime reforms he is about to introduce A rumbur is curremt that the oandidature of the Duke of Genoa of tha thronze of Spain in making pmareas Madama


 Her dress canglit liere, an 1 she diel from the etfects u tion burns.
PORTVALL - Than eron of olives as reported to be a (On Wedmemay tho King visited $M \mathrm{r}$. Chaldere and the two admirnls on bumal that liritsist theel. A regatta of the bats of the deot aflermards took place
Browich -The lelgian (inverument hat ropleed to the nircular note of Prince Hohenlohe, wa the effent
 abitention. It appearacert in that Belgium will wot eom fiold of Waterloo IIs Imaerial Ifightesen was aceom-
 day the Prince weat to Likny, and slept at Charlerai, whence he proceeded on Thursuay to Lille.
Railwey propect arsombled in Bere on Wed. Gothard the Federa! Palace, under the Presidener of M. Walk the President of the Swiss Comfederation of Tho Wourth Congress of the International Working-men's Association was opened at Besle at the beginniar of last reek. Tle meetang ennsistiu of about in delegates, 2 of whow belomped toswitaerlanl, 11 to Iranec, is ta
resolution, declaring that "socioty has a rapht to cholish individual property in the boil," Has arried by a majority of 54 to 0 . Another rasolation, dociaring abolition of atuh property," was earried by a majority iorther to As a consequence of shich prinujples, it wa further remolved thet the right of ialieritance should
also be done away with. Pressia-On Monday
wenigsian-On womday, during the festivities at hvenigsberg, in honour of the $\begin{aligned} & \text { deplorable accident occurred. Owing to the crush of }\end{aligned}$ pectators, the railings of a brudgo gave way. Up to 0 ochock at night $2 f$ dead bodies belonging to person Administrative Council of the Forth German Lloyd's, resolved on Friday to establish a line of steamers between Bremen and the lfest ludies. It is oflicialy anmounced that the Prussian territory is now eom pletely freed from the caitlo plague.
Austria. - Prince Cliarles of Roumania was reselved by the Emperor Francis Joseph on Friday. Ifis IIshness, together with the Prussian and Italian Minjeters, dined at Court in the orenumg. On Monday his Highness paid Count Beust a vistt, whioh lasted a consider able time, and which was returned by the caancellor of the Empire. The Prince also gave a long audience to the two chief Rabbis of henna, when the position of tho Jews in Roumanir was subjected to s searclang discussion. The matter is also sald to have boen referred to at the interviev between Prinoe Clarles and the Emperor Francis Joseph. On Tuesdsy the Prince laft for Switzertand. During his atay the Emperor conferred upon him the Grand Cross ol the Order of Leopold.
Shef Cubrag-Dr. Peterman has received a fir-i etter from the German experation to the north Pole, containing intelligence to July 29 . Contrary winds and storms had detained the expedition until July in the North Ses, and foreed it to keop rear the coastion Normsy, The first ice was encountered on July 12 , at. $74^{\circ} \mathrm{N}$ long $10^{3} \mathrm{~W}$. Up to July 29 the expedition had not reached the coast of Greeniand, which was, however, in sught. At 2"; German miles from the cosst the soundings showed a depth of 70 m feets Cantain Koldeway reports that the position of allurs very different from that met with in 1863. The emperature is higher, the winds more constant, 80 ad the icolooser, but from the 9th to the 2eth of July mueh formy weather prevarled. The ship is in evcelmuch ond wna the crem in cood health.
RTSSIA.- 1 letter from St. Peterwburg states that the Caar has been sutlering at Livadia from attarks of melancholy, to which he is constitutionally subject, and that he reflues during outire days to see any oneWhatever. rinces to such a poire rolizious solemnitios and thought rroper his Jajesty's recovery.
Poland.-A congress of Polish doctors und natural-

an then lare of erta! :
 has just been hedd in Catasisa, so i mas attended by alland the president' chair Professor-Araras, of Citinas




 the lean is and opanes treas, 1 , the enstiteration of
 farmo. of Naplav, projmed a refarm if the chemiond omenchatiare of orkthre botios

 ivell by his Highness of fidelity to the l' ist

 upon the sboresu, wof the following points
 as the from-ciad now in coumse of oonstriction, whould be iname of the Sultan, aod with his Mafesty's natuction : that


The Grand Vizuer adde that on the abour in laratandon the suttan will he ghat to se the lace ly enme reluse to the RMamation ranlats whemus were disthe ate rpenian Cotholie l'rante his wath that st Mary's Churoh, Pera, bolonaing to that oommunity, oxpense, for the Emprass Eugeniel devotions durin her approaching visit.
EGYI'T. -The visit of the Fiterny to Constantinople, inferrel the conditions insisted upon in the trand Visier's second letter the ubbminaion of a yearly budemt for leans abroad without the special leave of the porte. INild - The Maharajah of Jeypore hat been aphennted a member of the Lepilitime Finnmil of India, and has given a magnifieeut hall at Simida in honntr of the Gari and Countens of Ma all elpases of Indian society, as an extraordiuars innovation upon native custom and jdeas, and is azid to havo beon the grandest entertanment ever hnown at Sime. His Htrhnens opened the hall in person, with Lady Mayo as his partner, and though dancing somewhat stiffy, scquitted himbelf romarkably well under circumstanoes in which Rajpoot prince ever before found himself plarsed. Tho ball is said to have cost unalus rupeas, Rewan are determined not to bo outdone, bat intead to follow the Mabarajall of Jeypore's example on a still more magnificent scale. The funcowar of Barod has been guving a round of festivities to the Furopean oflicers and othera reaiding in Broda, and to quest inviter 1 and convered [ree of expense rom all rarts of the Prea to lave hanced splendidy. Hene report ad in Cabal by shere Anhad been shot at and whumed iscouplue of Siriar Ismall Kan is wathout some arcouphase or matle murrain rages in Assam, and espeoially at Debroogurh, to such an extent that the stench from the in stod that wild buffoloes, tigers, and intolerabie. It is
pigs are attacked. Australian papers state that a number
ATSTRALIA. A of five pesrls, discovered at the fisheries carried on in the viciuity of Nicol Bay, Western been extribition Nelum and beauty, the This is sali to be worth upwards of $-2+117$ Ir Ferdon, Agent-General for Fictoriq, recerved by the last mat rom Melhourne t1: roukh diamond ${ }^{2}$ nere retghtng together 32. csrats, whuh were obtaned in in New South Wales.
CNITED STATF - - Senor Lemus the Cuban Envoy, Secretary of State President Grant and ins fuluily are rakiny a tour thrount Pennsilvinia The Republicans carried the Mama Geveruor by a majonty

TIE G.IRDENERS' CHRONICLE AND AGRICULTLRAL G.JZIETTF
of 8000. Their majority last year was upwards of evidently been thrown overboard about lat. 591, 19,000. The Conservative Republican Convention of Dent as Governor. The Demorstic State Convention of Wisconsin has numinated Colonel Robinson Governor, and has passed re-elected Congressional delegate for New Mexico.
Mr. Nicholls. Democrat, has heen elected ConMressional delepate for the Wyoming territory. claims of the Hudsoa Bay and Puget Sound Companiex has atwatded to those c mpanies 450,000 for an official statement, the Government expenses for the fiscal year ending September 1 are
5850 on 0 m dollar:. The Imerimn Press comment at great lentl on Canadian affarra and generally
predut an early sepnration of the British Ameripan Fay, nud Blakie, of the Hirvard crews, were entertained on
Yor
Sir
England. Mr. Longfellow has gone to his home at Cambridue, and Sir Henry Holland is on his way to
Mionesota. In the Avondale coal mine los bodies have been discovered, making, with two men suacated While attempting their rescue, tatal loss of 110, and not 302 , as previously reported. Fifty-nine widows
and 109 orphans bsve been masde by this disaster. Some of the killed have children living in Great Britain. The Roman Catholic Archbishop of Balti-
more, the Bishops of Philadelphia, North Carolina, more, the Bishops of Philadelphia, North Carolina, Hecker, of New Yori, and Father M'Manus, of Baltimore, were to leave Baltimore on the 20th inst, to attend the Eummenical Council in Rome.
Canada.- A meeting was heldat Quebec on Tuesday in favour of annexation to the United States. It was given in Quebec on Wednesday to Prince Arthur on his arrival from 0 . the members of the Corporation, expressive of the Queen The Prines in reply, declared his gratitude for the cordiality of the welcome given him, and particularly for the affeotionate allusion which had been made to the Queen.
brazils AND Paraguar.--The hying squadron inspected on the janeiro on kno In from Paraguay to the 9th of August states that Decile Sapucain (?) was captured by the Count d'Eu on the 5th, and Valenzuela on the 7 th. Piritebuy the present capital of Lopez, had been bombarded by the squadron. A combived attack was expected, and the position of Lopez Was said to be surrounded. At Asuncion a triumvirate.
Chili AND Peru,-The Peruvian President had publasted a decres. recognising the independence of visited from August 10 to 12 with aimilar earthquake oatastrophes to those of last year has not been realised. Many inhabitants of Callao, however, took to flight. negotiate a loan of $4,000,000$ dollars for the railway extensions, The Archbishop of Santiago and three diocesan bishops have resolver on attending the 20,000 dollars for the bishops' expenses.

## Nitp 散telitgence.

Overend, Gurvist \& Co.-On Saturday a sumamons was granted by the Lord Mayor against Mr. Barrnw, chairman of the Shareholders' Association, for 3 malicious and defamatory libel against Dr. Thom and original case of Overend \& Gurney, imputing false charges against them of misappropriating the funds of the shareholders in order to defeat the charge Wednesday, the summonses were withdrawn and the case dismissed, the Lord Mayor remarking that ali withdrawn. The creditors of Overend, Gurney \& Co received on Wednesday the last instalment on their debt8, completing 20s. in the pound. There now remains delayed instasted with theroexcapt the the crediters on the recommendation of Mr. Charles Oppenheim,

Monby Mareri, Friday. - Britien Funds: Consols are 921 for Money, and 92 for Account: New and Reduced Three per Cents., f1 1 to 918 ex div.
Bank Stock, 242 to 244 ; Exchequer Bills, Mareh 2 s , 6 6. pm., and June, $6 *$, to 10 ; India Five per Cents. 1141 to 111 . Foreigy. Spanish Stock, 274 . Turkish Five per Cents., 415.5 to 417 ; Ditto Sir per Cents., 621
 Illinois, 91 to 944 .

## fitetropolis att tis Ficturty.

Reported Thaces of Srb Joen Frankin's Expedition.-The 8an Francisoo Bulletin of Tuesday stating that dotter, which it declares to be authentic, stating that documents bave been found near San Buenaventura, giving apdetailed account of the desertion or the ships Erebus and Terror, of Sir John Franklın's wintered in 1816 to 1817 at Beechy Island Sis, Sir John Franklin died on Jume 11, 1847. The papers had

## lonk. $98^{\circ}$

The Albert Lifr Asschance Compant.-VicsChancellor James sat in chambers yestprday to hear
the five petitions to wind up the Abert Life Assurance Company. The Court was densely crowded. After a long disrussion, in which several counsel spoke, the
Vue-chancellor said he should make an order for the

## Ir. Mchachlan, and on the petition of the polies

holders urged by Mr. Amphloit. Both parties woul
then be represented. His IIonour said hehad grent
pleazure in saying that not oue farthun of costs would
be aulowed to noy but the two petitioners he had named, and the provisional liquidators A public

## preyed uron. Sherifes' Chaplains. - Alderman and Sherif

Cautton has apnointed as his ohaplain the Rev. Alex
ander Israel MCaul, rector of St, Magnus, Londou
Bridge, and Mr. Sheriff Vallentin has appointed as Bridge, and Mr. Sheriff Jalen Jackson, vicar of St Sepulchre's.
The SEE or London,-On the avoidance of the see wnchester, the borough of Soutiowark, and the parishes of Battersea, Bermondsey, Camberwell, Streatham, Tooting, Wandsworth, Merton, Kew, and Richmond, in the county of Surrey, will, under the Aot of 1863 for carrying into effect the report of the Aot of 1863 for carrying into effect the report of of the diocese of Canterbury, London, Winchester and Rochester, be added to the see of London.

Thes Ructory of Barnks is about to become vacant is worth $400 l_{\text {, an-year, and is in the gift of the Dean }}$ and Chapter of St. Paul's.
St. Pancras Vicarage.-Canon Dale, on whom the presentation to the Vicarage of St. Pancras devolves has offered it to the Rev. A. W. Thorold, by whom i has been accepted.
Royar Acadrmy.-The Queen has presented to the Royal Academy the bust of herself ezeouted by the Princess Louisa.
New Blackpriars Bridgr.-On Friday morning on the wero closed to oublie traflic, and workmen were em ployed in removing the wooden framowork and timbers to make to make a clear space for the roadway approaches to the new bridge, which will be opened on Michaelmas Dey

Greenwich Hosprtal.-Lord John Hay, M.P.
Mr. G. O. Trevelyan, M.P., Mr. Arthur Jones, and Mr. C. D. Loveless, the committee apponted to investigate and award the specisl pensions freenwioh Hospital of leaving that establishment, under the provisions of the Act of 1869, meet daily at the hospital, and have nearly ooncluded their labours. Lord John Hay and Mr. Trevelyan inspected the pensioners in their ward last week, when the men expressed themseives pleased and satisfied with the pensions awarded to them. All the pensioners who have either friends to take care of them, or who are not absolutely helpless and bed idden, have availed themselves of the offer or leavins lst institution, so that the number in the hospital on ist October next will be so reduced as to be easily accornmodated in the Somerset ward of the infirmary, inflimary at the disposal of the Adrairalty
Compulsory Vaccination.-On §aturday evening a public meeting, convened by placards posted round the eastern districts of the metropolis, headed "Infant Poisoning by Act of Parliament," issued by the AntiCompulsory Vaccination League, was held at Burdet Hail, Limehouse, for the purpose of requesting the Governuaent to suspend the vaccination laws until the Caxt session of Parliament, with a view to their repeal of the meating Dr Ping oriely explained the otered into a statement with various illustrations to establish the theory that vaccination is prejudicial to the human species rather than beneficial, sowing the seeds of consumption, and leaviog behind it a series of the most loathoome diseases, equally so with the small-pox, which getheressed to modify, if it did not provent it alto vacoination had given positive proof that it had saved the lives of thousands as they asserted. What was demanded was inquiry, and that they were determined to have. They had waited upon members of the Gffermment and the Home Secretary, but withou Prime Minister himself. After reading a very lencthy memorial, which it is intended to present to Mr. Glad the meeting pearce moved a resolution to the effect tha isw meeting, believing the operation of the vaccination wera be oppressive and tyranaical, and that they were enabted by the Legislature on insufficien Gladenoe, resoived to present the memorial to Mr. himstone so soon as an arrangement could be made by him to receive a deputation. Mr. R. B. Gibbs seconded the motion, and contended that the statement that
paccination had saved the lives of so many thonsands from small-pox had no foundation in truth, and complained of the conduct of the educated classes in endeavouring to inculcate into the minds of the poor that vacoioation was a beneficial thing, instead of dren. He referred to a report of Dr. Rowley, who, in a work he had published, showed that in 501 cises o amall-pox they had resulted from foul matter. He denied the whole theory of Jenner, and complained of the unfair conduct of the Legislature, in passing a messure, without discussion and inquiry, whioh had such an important affoct und the very lifos blood of the people

Baron Humboldt had attributed
the Anglo-Saxon and other


pidemics.
ood emen who had
vaccination as an evil withral
in that immediate nequad some remarkable casez, Wher frightfully disfigured and fro raccunation where

## their younger days

o consumption. All the member
Who had been unvaccinated bar was now had vaccinated humser friends if they thearght he lo
He, however, was opposed
The resolution was put and
moved a second resolution
Barrow, M.P., Mr. Henley
time when the minds of ma
ture were distracted
boldly advocated the $r$
health of their children,
working man, who exhibite
working man, who exhibited
all over small bladilers on
but they did not appear on
was carried, and the mestine
by a lady named Laws and
the magistrate at Bow Street nat alleged that a child named $\mathrm{H} u$ jom na the operation having been cutboeous eruptions. the notice of the Board of Health Wes read in the Bow Street inquiry had been instituted with Hudson, that the lymph which had derived from a healthy child, arhibiting cutananeous disease, while four nated with it had been soupht frots adduced suffioient
beet transmitted, but whether the thaintimb part in bringing out an affeo

## The City Poor-Liw Unio

 the guardians of the City of Coden upon the President of the Poor-lan Boand three City
## deputation gaid that the City of London Boter

 the amal gation rould limit their usefulnase to their expenditure. The majority of the : London guardisnsexceptional case, and that
tion they paid equally w
Unions. The President
the relief of the poor, and the olh You really cannot contend sgains bore on the East and West passedion disapproving of suajzad regarded those numbers as external opposition in the City was not of a stre Mr. Crane said there was not one thinkus East or West London Union Who beltern Would gain one penny The President: Then you will tion. Mr. Crane: Yes, pre shall, beca management will be
 to sak you to buifld.
workhouses there is more
Hatchell pald that they werecor
retaining the City intact they woul to retain their City privile
President said that u
at a hasty conclusion

## reflection that they had

been brought arainst the
the contrary, he believed that the and Weat London Union to the gicial to the former union. Lhey gamation should be more gener. all the small unions in the ming Wouled; so there
West Iondon Union?
oin them to any other than the
City, and forcing on the Bast and that which they did not want, he oxactly the fact,
a this measure by the Oth.
paid that the amalgamstion

HerTADD.-Tbis dockyard as a naval $a$ nalita of the lowal liour i of Hesalt
 rea-irs. lat detromaci Huth t-d.pman
 domiraly a haval eatabli-vament directed thes they have come to no stach

IF - In consequence of the sever $f$ Finglinh Volunteers, bound to the we3therbound ons, Thursday at ulf it is fared that the state of the Thitors.

The Canal Compang has just Sor tha navithation of the sucz Cana, antipation wout distinctiou of nationality drazsnt of hater does not exceed
Henturit Gures. - Sinco Friday last tevou.s aut suburbs were visted mith termex the equinoctial gales haye eat in


of halitning. The thoroughfires wer rnater, and considerable damage was Lanties On Windeworth (Common
aned in tro, and on the south side of -as tore was kilfed by the lightning. A thee sucep were killed, and great damage
to the flowers and shrubs in the park, tom be.ng washed out of the kround. tree was struck by the hgitning and
$d$ with the ground, and in Strockwell truck the ironwork of a conservatory Several minor aecidents britan, Chelsea, and Kensiugton. O widd bew with the force of a hurricane, shlupping at sea and damaga to were thrown down with every stron.
but, theugh several persons wero hurt, were not of a serrous nature. In the wed allong the ancient trees in Windsor - How.e Purk, Large branches of the have weathered the storm for nearly two torn away by the rioeence of the wind er the avenues and drives from one end (a Sunday night and carly on Monday which there was a slight lull. Soon however, the wind agan rose to a gale, frequently that of a hurricane. There era.a up tol o'clock, but subsequently si destruction of property. Traflic in carried on with extreme difliculty, and materials fell from houses in strong maserials fell from houses in showers. theal half-past. 2 the wind blew in terrific $a$ much excitement, and a temporary irand trathc in some parts of the City
Horses became unmanageable, rere turned idside out, and hats were from all quarters. Happily this mas of short duration. The dammas sery extenstve; several roofs were rtally blown off, and chimney stacks numerous were the accidents that most and reced an unusual number of cases. and a large number of boats were toe river and sunk, but the shipping in the at the pale in safety. The reports received that ital Department of the Board of
that the gale was general, though the he wind was greater at the Channel
at other ports. The river is now fall of liog for moderate weather before proceedare also the principa! anchorages and he southern, eastern, and western coasts, lhe thate accounts of numerous wrecks with 1.tricts as well as from parts of the couatry, the gales were the severest which have 7s extens, ve.
ithr Matl Stramship Caranatic.-On , Carnatic, whil and Oriental Company's ran on the Island of Shadwan, at the she roust have from the Gulf of Suez. It went down in a few minutes in deep
iog with her five aew and 15 nive passengers, mives, the mats, the, 000 t in argo, and the passengers' baggage. The
the complany's overgthine they rawnend Atmother in






 tumed burapmen unth daybrean the tme of of-war mon the
 burnt as slemals of dintrose it das bresk the k cutter, and dingey were lauched, and all reached the
shore in safety. The yacht soon afferwardi became a total wreek. On Friday nught the yacht Bumber, while coming to an anchor in the Thames struck on a sand bank, 1.20 yards to the cast of sump, struck 1 prer, dircetly ander the lee of her Majenty's training -ship Woroostor and at length, lurs.
 the owner and hin wifo sero uf to there wems in watar. all on board from there cratual pastion. (1m Naturdar
 Maudulay, of Cleveland suare, was totally wreekel a few hundred yards from leyde puer

 Innes \& Co, wine merehat to, and Momer lirey of and manalial engines and in firemen were on the kunt and mannal engines and if fremen were on the hint, had been gutted. The buhbing and coutente were insared.
lixplosion of Pirafets at Sha-During fion storm of Sunday night an exploston of paralfin omarred on board the steamshap Lady Wajehome in the Chanuel off Folkestone, while on har vozage from
London to Dublan. (On the port side of the vessel were stowed several barrela of parallin ont, and on the starboard side some large eases of lucifera and veauvin matches. The pitchiog of the shap startod one of the barrels of parafin, which rolled scross, mmashed one of the cases of lucifers, and burst. The matches ignuted, the paratlin caucht hre, and the derk was speedily one mass of flame The pawelt surs bave themesse 19 L


## Tak Rebicse.

prelimingry demo of the Fenian Pbisoniernations" was held ou Monday night on Clerkenwel Green, preparatory to the holding of a grand demon stration of Republicans ${ }^{11}$ in Trafalgar Squareon Monday next. The object of the movement 18 desiribed as prisours." Tho chair was taken by Mr. Fideington Who was supporter by the leadng Mepubliems, including Mescrs. Osborne. Weston, Murrny, \&o. the said numbering about a..n pernon thing in favour of Ireland and the Irinh. and he proceeded to compare ()Donovan Rossa, one of the fenian was at present only on the first round of the lalder but there was no doubt he would attann the summit Mr. Disraela said that Ireland bad nothing to complan or, and yet England maintanned 30 non solders there He warmly denounced absentectim, and anked whether if Mr. Bright introduced into Parliament a cood Land Bill the sons of the lords owning the land in Ireland would be likely to let it pass. He wished for "I reland for the Irish" Mr. Weston moved a resolution calling for the release of the prisoner: now in custorly, and said that all jropositions were chams so loner as they remained in prizon. The first thing Mr. (iladstone should have done on coming into office was to have set them free, for without that the Irsh Church lisill was of no value His remedy for Irish grievances was that they should get clean rid of the Irish Church and the Irish landtords, and that the land should be handed over in the Irish peonle. The meetma Messrs. Weston, Furgesa, ol Juhnena (narien Murray That the Working Men's Learue and the Holborn that the frokng Men s Leazue and co-operate in the the Trafalgar Square meeting, whik
ATTBMPTBD MURDEA AND SUICIDE.-On Sundsy morning a young man named James Gobey, 21 years o age, living in Schoolhouse Lane, Stepney, attempted to murder a girl named Mary Anne Chamber 17 years of age. They had been living together until few weeks ako, sod had one chld about seven month old; but he treated the girl with suck brutality, that some weeks ago she returned thor's, aod, after some altercation, seized the child and took out his knife to murder it. 'I'wo women prevented him from accom plishing his purpose, and at that moment the gir herself came in, unon when sack room and cut his own throat: The wounds of the girl tonched no vita part, but those of the man are expected to he fatal. Metbder and Slicepr at poplab,- on Tuesday mornug the neighbours of in mechanir maned donat han dudee, restung at St. Leouards








 Weakly heturn states that in the merek that ended on
 regnstered in Jowndan am? in 13 ather larme towns of


 33 in Hull, 21 in Neweatlemurns. Time, and 27 in (ilaytow. In Parie the annual rate in the rate in Veema during the woer findise the wh mat, was $2 t$ per lume In landem the hirihe
 weeks of 1 if zears, 1823 fis, the averake number, corrected for inereaw of minalation, wan goist. were limit. It was the with week of the the week the sverage number fior that week, eerrextind for ancrease of jepmatation, was 133? The present relurn is therefore chis above the ostimated amomit.

## Jrobinctal.

Afinergitot - On Saturday moming Inkpertor math, of tho metropoltian polime, arrestrd three men

 stores. The ment arrested on Saturdas were Stepten Cbandler, agent for Mr. Harry Ieney, of Norwich Antract or for the cunely if ante and for to the tronge

ing the East Cavairy Barrack formeo harn on wat ind morning, saw Cbandler and Spring drive up to the arn, al the cor or wich hey wre met by Corpora. alocit the door and helped the athers out it the nlocked the door, sod heiped the others out with the ack has ten when tho, arme we mado subemuntly cong ung whe senth-warkent thshexalinen, wenlerer for in the doy the rise or where the there prisoners were taken before he tamman or the retty esaions, and remanded unill commited for trial at the quartar eessions were all commitmed to bal
ut admitted to bal.
Birmisumam. An the new burgess roll for the borough there are the nam
Fomen, and for Figbaston,
130LTON, - On Satirday nught the IIon. Algemon Figerton ifl' for south-east Iamensinire, laid the oundation stope of a nest schon! at Ifawnamant pooke at some lenpth on the public ques. day, making special reference to the jasil Chureh, the and question in Ireland, ani the French reaty In apeghing of the latter be afid that he had always been frec trauler thmacif, and difered in that reapect from areat many gom Conservatives, but he was bred up Ifree trade notions in the setuon of sir Robert Pee This question of the French treaty, however, was a different thing, and though Mr Bracht hal told them that those who had notions upon free trade confary to his own must be hnotes or fnala, zet he wir Lacedont ventared to diwent trom him There were in many llafrant anomalies and injusuices contatat upon the silt trade of this country, and he believed to some extent also unon the importation and exportaition of bleached cloth, both in this country and out of its and in other cases there were minor regulations which ought to be altered
Brictol. -The Formidable, 78 gune, which has been rranted by the Goveroment as a training shup for destitute boys of this city, arrived on Saturday from Sheerness, and anchored off Portishesd. She left round by a Ifverpool stesm tug-bont. She encountered a rough pastage, and did notreach Portishead till Saturday afternoon.
COVENTRY.-At thesman meeting of the Winrwickhire Agricultural Societs on Tueady, Mr. Newdegate,
M.P. made the following remarks on the Irish Jand question. -
"I come from the atrinaphere of tho finuse af commans, and all memhers of the Hmine spppeared to me to hatce a thiorcd from it rety eeveruly There usta a gen rul wash cint. Thes went hy flueks w the German bathe os thenkt thry riee sed

THE GARDENERS' CHRONTCLL AND AGRICTLTTTRAL GAZETTF


Watta, Bond, and Payne, Mr. George Eyre, and the Rev. (i, (i, Glossnp.
Shifrelel)-Tbn

E East Retford Pit, helonging to Mr. Huntsman, and connected with the Tinaley Park
Coliery, was disenvered to be on fire on Wrdnesday
 sulfonton: the rest escaped. One dead bath burning.
recovered.
known. Alter one of the severest struggles ever known the Denby Main ditmite has been settled, after unton of hatween 1100 l , and 1 botel in relief, in addtion
 broukht about in this town on Saturday. The comMr. Huntrese, two of the shareholders; whilet Mr. Normansell represented the men. Mr. Mundella, As soon as the gareement was ratified the intelligence was conveyed to Mexbro, where it was received with the greatest ent hasanam In order to prevent future disthat they are fivonable to the frmation of a board of arbitration and concliation in South orksLire as soon as practicable.
southampor, - The Royal Mail steamship atrato an Order in Council will remain in quarantine at the an Motherbank until further orders, some passengers on board having, during the homeward voyage, been attackel by yellow fover
Thime - At the annual dinner of the Thame Agricultural and Horticnltural Snciety last week, Mr IIenley, M.I. in returning tbanks for the county members, made the following remarks on the late session :

## "The session of Parilament which has just clobed was a very



 evorytling would be gettled; in $12 i t 18$ a natter of ntter inpossibility for any human heine to wike on nin intereas in any
maticular subject when it to perfeoly well known the what it is to fed dine m,st bo done in asyecifiod manner. That I take
to lee the ruason of the dulness of the past eession, and par


 Whon we got away from it. For tryself, not being so strong how or other to pull through, but I assuro you it was all I

## IrcIavio.

Maeting we the (in wiall Sivod The Goneral Cathedral, Dublin, on Tuesdiay. There was a full atteu lance of both the Provincial Synods of Armagh and Dublin. The Primato presided in the Upper
House, and the Dean of $S t$. Patrick was etected Prolocutor of the Lower House. In the Upper Ifouse Prolocutor of the Lower fouse. In the it wasper proped and areed to send a messuye down to the Lover House, containing a protest against the
Church Act. The Bishop of Down opposed the Church Act. The bishop of Down opposed the
protest as uncecessary. It was, howevor, carried, and seut to the Lower House, by which it was adopted. A second message was sent down, containing a scheme for the formation of a Church Body of the clergy of earli diocese to elect representatives varsing in number, the total for Ireland to be 124 Oue dean and one arehdeacon for each united dioesese, and the
Regius Professor of Divinity, 'Trinity College, to bo Regius Professor of Divinity, urinity Collowes of the College to return one member. Archdeacon Lee moved a preface defining the position of the laity, suggesting election from among communicants, and declaring that questions of doctrine and discipline should be reserved for the bishops and clergy in the consideration of the message was adjourned.
sititing of Wednesday three resolutions were adopted, by a majority of 107 to 20 , determining that the future representation of the elergy shall not be in any degree ex officio; that the fellows of Trinity College shall vote in the elections; and that all licensed elergymen shall be eligible to vote, and be elected in elections by separate dioceses. In the sitting of Wednesday the Upper House agreed, with material alterations, to zn amended soleme of representation sont up by the Lower House. A resolution, moved by Archdeacon Lee, excluaing the laity from the power of deciding larse majority. A scheme for the represintation of minorities was also defeated The Synod was then prorogued to the 30th September
Deputation to the Lobd-Lieutenant.- On Monday the Lord-Licutenant received a deputation of the Dublin Corporition, who presented an address on the land question and the release of the Fenan prisoners. His Excellency said that the Government would attentively consider the representations of the deputation.
Demonstration in Honour of the Canadian Orangemen.-A public demonstration took place a fow days sinee at Belfast, in honour of Mr. Mackenzie present on a visit to that eity. Mr. Johnston, M.P., delivered a speech on the occasion in which he said:"I ol ject to be tied to the tail of auy man, wbether prineo, ai


The Fent
the release of the Fenisn - Y.
Sundar at Rilkenny The Kilkerny meeting was the various towns in the cotaty
$M$, wns also present ings. Mr. G. H. Moore, M
meoting, and the Chas
at that of Loneford
Tife Porthord.
Portadown, on the lad Wister ot the police in the rint in J refused to hear any more ermet four hours and a half deliberat Watson was klied that Watson was kulied by the
obedience to the orders of the: obedicace to the
nad that Mr. Numa
was stated that 15
Was stated that 15
A number of the
trate, from all blamerated Mr ot: that if Mr. Nunar Lad follomen an of the town would not b
being accepted for wisas then mun.
Murder in Tipperpearanal
a labouring man named Mi hua 70 years of age, while breakin: s'one finally smashed his head. The the.... into $n$ quarry. Two men natiad Irain blood have been found in their hron I a long-standing quarrel between about a right of way to
them recently suffered a
assaulting Magrath. The inque-: wis on Weduesfay, when
FigRARYM MI'RUER

## county of I ong ford,

nimht while returning fro
Great Storms.-The
with great severity in all parts of Ire'ar: ford, Waterford, Cork, an able damage has been done and some

## Scotlanio.

The Duke of Athole's "IIrbl Tuesday morning, Creorge Campbe
at Meikle Lagie, threo miles Dorth apprehended by the county being concerned in the rereat dest of Athole's "Hermitaye" hs :un; nise day, and remanded.
THE Caftherss and Orkver Tul The telegrapla cable betreea day. The distance across the

## รatlwaps.

Fatar Accident on tie Meter
Wedneeday an adjourned inquest of Mr. Thomas Loving, a licensed Cambridgeshire
the Edgware Road
slon. The evidence taken was 0 nature, some of the witnesses hel could have got into the carriaze being in motion, but was portrigge and the platform. orrriage "Death by misadventure," and all carriare-doars be closed before to start ; that the trains on first. carriages arranged in the same Metropolitan line: and that arra Miminishing the space betruen tue between
tween them.
accident to an bxctrsion Teal morning a special train Yorkshire Company from , Man Wakeive the races, arrived in safoty st thate in

3 the rear. The guard of the to return to Manchester.; and at contusious about the hed. ince of the spacial

## Eyatting


 F. Johnstunc's Xiran bea

$4.1 t 1$ dumputs mud 16 withern
 Poro Go




- ...-Mr is jusennos Me Vire




- Im: tiomen beat Pretendor, Typhon, and $\therefore$ Camel beant Nowsman, Eafield, and


## $=$

- mantosal boat Race-The Prince of Fialee Tox Win Pattan-Saunders, tho prosident of tho Whib, to communicate to the gemtlomen of tho Hourg thoir recent visit to England, and his Tho Tisumes. The Amerrchn papers, in their Phyot foat of reporting the result in America - that E prortom of this timae was occupied in
 7 Thent mpuyy, who is employod
 n.t. it of Parlitement he ran with the the $=$ Mreste strees in 14 minutes-a verg fant $=-\quad \tan +14 y$


## Gutuate

ir wita at Iby dkct Hall, on Saturday -r anosa min exLanation, ong rinating in a

$\because$ Atus ry entertaned no hope of he
 lughter of sir Jahinh Maluank hie teas corasequant slac hut iosne the
Int is tmily, marrier, in lan Int ly Emily, marrier Fate Viscurnt pialmerat.
, the thinis and last Visconnt $i_{2} h_{\text {e }}$ ite ithe the anceatral estates $i$ ans ltronasses of "t Alwack s, and le
 $=\sim$ nots wis rem sed from Brocket Ifall on A $=$ aciane in 1 wav burnel yesterday in the grave
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 . $\quad$ it ire, Mr th. He is succeeded in the :- : His, marriel the daughter of Sir
 Is thatisa or Chumaktir, intiler of is it hel at her resi lence. Cantle I: ind


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 anucess, Hitu hatot work we tho grot rafiey tunvel unde the Indua st Attock, now on tho poimk of boldy comploted


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Coveni gaill




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FRETT
Cherrion, per lh., gd to is Fige, per dos, 2 t to ta

Celupa, emeth, in Gl to fir
 VRGETALBLES.
 Buans, Kiduey, p t afow, Sthote

Currotido per buncu, to to 8 d
Celory, p. bund. ls to lo od
 Garlic and Bhallote, portho s Horbse per bumeb, $2 d$ to 10
Horse Kadish, p.bund, 3s to 5 Kuthrwomb, p. poth, 106d to nfom, green, pet bua, 4 Parnley, per bunch, 2 d to td Potat Fas Yohk, Begants, p. twh 70\% to 110\% - Fulze, do, goo to 180 s Epinach, per bunhel, 29 to so Radistice, p. doz, in to in or

HAY. - Per Lond of 35 Trume
Prime Meadow Yiny 80nto 90 | Clover, dl
120sth 130s
Prime Moado
Infarior do.
Infertor do.
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Crmapritand Markrt, Thimaday, topt. 16.
Sup. Meaduw Hay 9 ss toljos luferior Clover . New whils liferior do.
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New dus.
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ENGLISH KOOL
Bustness lias continued en the satioc moderate bealo as lato mutch irmaness, but no animatiou; and athongla cecry no itmmediate signs thereof.
Clhasat Pric by of ENolish
Ilalf-Lred ditt
Gouthdown ewes and wethere
Lencester ditto
Sonta-Clotbing
$010=1$
$10=1$
LRADENEALL POULTRY, wo
he heavy weather hie interfered
upply of Grouse, which are now mearoo


METROPOLITAN MEAT MARKET.-sept. 18 3ent Fresh Butter


## METROPOLTTAN CATRLE MABKE

 Mombat, Sept, 13The supply of Imasta ft much lomper than on Monday lagt
 rmanin unsold. Thosupply of Slecpis rather shorter, bit the demand is very limited, and is is difuchate ecarcely makiang pricoa for chotco quaition,







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 "Ko have a donter nupis of Hoerte eved a fetr Anction
 Ont ford

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 la if Nax


## MARELADI M, A. Ample 18,

ala wo were unly modermie or in of Magtub Thest on







 Norfolla
Fortoik
(1) 1 m

Barreve ornd ratio









- Fridar, Bept, 1\%.

 hy boan dull duriag tho part wonk, and any chango in tho Valuo of Wheat has beom aralnat fillere, but Fie notios po doudded down ward movetnont in prioes Fino old onter mato



 of whiel, with thoes ifft iner frosi 1 wat wimk, thetre nernained for sale lant night 112 cargoos. The ral te if, erstro Whent of




 Parth, Anpry 18. The trit in in Whout anlwell an Flocir tuleh vep tock at the 11. ill. in colimatod at 3090 owta, The arrivalu of binclith grain fais woont, and other articlea are modernto. There was a vory poor sttendance at thic arorning's tearket, and the Ronglhan Fheat left over from Mondsy remeloned mostly unoold. Thare was 2 moderato dotund for furcign, aud rether lower prices were socopoct wo
 Were offered for lons money In other domaptione of yint of
 dry parcala.

| dry parcola | Amatrath. |  |  |  |
| :---: | :---: | :---: | :---: | :---: |
|  | Wheat. | Barley. | Onts. | Fuate |
| Engllah .. [ribl .... |  | 40 gru | $\begin{gathered} 60 \mathrm{ath} \\ 1200 \end{gathered}$ | 二 ${ }^{\text {ctict }}$ |
| Forigu | 23,5:0 | 12600 | 12,840 | [17,90007\% |
|  | 24.040) | 1950 | 14,100 |  |

Liveripal sept. 14.-There was a Emet attendance of millers at to-day market, expecting a reauckion on to givo

 petter dernand, at 3i, luwer on the wrek.

| $\begin{gathered} A \operatorname{vg}_{1}{ }^{3} . . \\ =21 \\ =28 \\ =28 \end{gathered}$ | Whert. | Barley. | Onts. |
| :---: | :---: | :---: | :---: |
|  | 51\% ed | 33/54 41 | 2ticid |
|  | 590 | 3110 | 2711 |
|  | 3) 1 | 337 | 20.3 |
|  | 54 \% | 32 88 86 | 25. |
| Sopt. ${ }^{4}$. | 21 110 | 3110 | $2{ }_{21}{ }^{6}$ |
| $11 .$. |  |  |  |
| AF, min | 52 | 34 | 2614 | YEER MARKET.

The recent raln has cased a fair smount of metivity on utit
 moment quite exhaustel. Tailen have comern phite Mustari now 1 has 2m. te to narket at moderate rater Many of it. wankic. in

TIIE GARDEAERS' CIRRONICLE AND AGRTCULTURAL G.AZETTE
offer arc solt and in bad condition. Essex dwar! Rapeseed 18
without nlteratlon Wo have had a briwk domand for winter
 to is, 6 per pushel dearer. Wo bave some new forcign.
Canary seed inst to hand, the quality of which very vood.
Hermy seed contimues scarce and dear. As yet there is little Hernp seed continues scarce and dear. Aa yet there is little
it any inquiry ir Trefoils and dlovers no doubt a pecollative
demand will soon spriug up. In wiuter Barley, Osts, and demand will soon spring up. In wiuter Burley, Osts, an
Rye wo have no rlanyo to report.
John Shaw \& Soss, 10 , Fater Lane, E C.
W ANTED A first-clacs PROPAGATOR (indoors) of W ANCED RS PROPAGATOR and GROWER of
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 ouly,
WANTED, as SECONATMeners.

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 CTARFENERR (HFAD), Mididle aged ; a practiral Man,


Cr Gardener to the Rught, Gone Es, mariid. - Wrowiom, Moore




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RHEUMATIC PJLLS.

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mestractible Terra Cotta Plant Marker $[$ IS AND CO.'S PATENT.-Prices, Printed Trumse sad Specimens sent post free ou application; also LSELS ABELS,-PARCHMENT or CLOTIL


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BEE GLASSES, with ventuating bole through Eno



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classks,


WITH OPEN TOPS

## Ench. $-8 . d_{6} \left\lvert\, \begin{array}{ll}8 & 18 \text { inches }\end{array}\right.$

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 PAINEFO OLL, Gonune WHITE LEAD, CIRSONS PALNTS,

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## T I 0 M $A$ Sticultural Glass Warohouse.



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S 815
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The Beat and Cheapest Agricultural Nerropape THE MAGNET, which has movy ber ${ }^{+}{ }^{+}$
 ingt and consistent frieril of the Britasu Frriner 1 h Price 4id, Btarined.
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 The Agrisulture of Stafterdshate Is il Erorsia The Impruvenent of Grass Lands Jy Lie weut ais: are On the Chemistry of Silestan Sur ir + Bectit.


TEMMETT'S ANNUAL FARSI, ACCOTNT b) B' Berhs. Spions of the Press on aphdeetinn to the Game Shooting. Col.ar:
 LETI'S'S GAME REG\{STER 18 \& atable to



A BOOK ABOUT ROSFS. HOW to GBin Littie Tour in lrelad." "r
burgh; And 37 , Paternowter How, Lonuon, Fi,
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## 3)

UTIAND - On Thitesday the 16th Loniss. On Lraday the Quean went out
 Siturdy the (ricen went out in the acomianed by Prineess Louisa, drove loan and Royal family attended $\mathbf{D}$. vine parish ohurch of Crathie. The Rer. Dr. d Groy Priars Church, Edinburgh, oficiated. the Queen drove out in the morning, and Lie aiternoon, accompanied by Princess n luesiny the (jucan went out in the of Qumel, accompanied by
 se orup
in. h .
11.he wir PRIncess of Wates.-On SaturW Wale, laving spent a duy at Baden e prancess and her two cludect rhluldrent.

## ITighnesses left Wildbad for

 finse will isit Searborough on Covember $\frac{1}{2}$ bourhood.sue-Contru FAurlt, -Prince Auguste of
harg, rith his consort, the Princess Leopoldhary, rith his consort, the Princess Leopold-
lumit, and their three children, arrived in ind sfew days since from Rio Janeiro, for the tof the hestith of the Princess and her family. Prince and Princess, after staying at the er, at linhmond, for it lew days,
t. Nronard's, where the state apartRogal Vhetori: Hotel had been Clementinc of Saxe-Cobura, mother arrived from Garmany, and joincd Prinee and Princess de Joinvillo, and Duke and Dachess d'Aleņon, mith eosa Brapuerite and the Princess Blanche, Curived on a visit ; and the Duke of Saxerbens d'dumale, aro expecied shortly. The -atien sea baths daily since their arrival at sary s, qad it is understood that if the climate : benef: alal to tho Princess Iurusto and her
aladstone. - Tho Corporation of Aberdeen rek, clered the freedom of that city to Mr. Gladhe in declining it, says that aftor an arduous ardupus, and "ordinary prudence bas combined andieal ainvec ordinary prudence has combine no to teel thit I nust cases where a ohoice can proporly be niven me,
myself at present with engugenents of a public
F Yacs
hacast Lord-Justicessitp.-It is underHot the racancy caused by the death of the
C. F. Selwyn, ane of the Lords Justices of bas been ollered to Lord Westbury. There is Lont of at ex-Lord Chaucellor taking a minor Bironercics - It is stated that baronetcies yn offered by Mr. Cladstone to Mr. Whitworth hatr. It is also said that a baronetev has been o Mr. Thomar B'iztey, M P. for Ianchester,
 Addate for the facint sent in Tipperary. IIe ampla ta devotimnt In Mr. Gladstone's poliers: Isusi lad Flemet. Mito Channel and MediChannel sicundron, under tho Admi-
ond Weak. It is sat that the recent crisiso has
over the broudside principle in maintrining a con-
tinuous fire in a rolling sea, and the superiority of the
and tinuous fira in a rolling seat, and the superiority of the
olfort over the latest of olar iran has is sailsta to


- Forcigh

Francl.-The Emperar's bealth is mers in sueh a
 and took his usual waik in the park. The Prince of Wales was received on the lifth by the Emperor, abi afterwards Ifft Paris for Wildaad. Prince Metternich
 in Xohemia. Tho statemeuts current 14 paris that the Emperor intends poing to vit to Germany, are Austrian Prime Miaster, was about to visit Par1, fier onor Silvela left 1'ats on Saturday for Majni General Mellinet has resigued the appointment of Coum mias of the stional Guard of Paris, and has Djemil Pasha, tho Turkish Ambassador, Las left Paris lished on Saturday promulgating the $\begin{aligned} & \text { applemen- }\end{aligned}$ and Prusia on the subjept of the siarzen mond and Santbruck lrontier Raikay Another lmperial decree promulgate the Conventon, con-
oived between Frame, 13razal, Ifath, Italy, and portural, for the oatabislanent of an interiational telegrapli line betwcen Lurppe an I Sulid Auerica.
 nised on Monday at the chapzl of the chatema Marchais, near Lapa, in the prextere of the bake do

 of Monat 0 , Prisees Marie of hate the Whathen
 Carmelites of Paris, one of the ablest exponents o the School of Franch Catholics which is opposed to the pretensions of Ultramontanism, has lett his monastery under circumstances which liave caused a great sonsation in Paris. For five years his sermons at anosed of tho ilite of Paris society. In a ritcent discourso he pointed out that there is no alternative between the darly aurgmeatation of Tltramontanism in tho Roman Church and tue abyss of infdelity into winel it is forcing the great miss of educated Catholics. Thas was was sent declarations on the part of Father Hyacinthe The General of the Order attempted to enforeo silence unon him, to which Poro Eyacinthe has replied by quitting the monastery where he has dwalt, which, he sars, "under the now circumstances,
position ciar sus thus," he continues, "I am not unfaithful to
my vowis. I have promised monatic obodience, bati only
within tho limits prescribed by integrity and conscience, by tho dignity of my own manlinotat and of my sacred othice Thoreforo do 1, before the floly Father, and before tha Counci
 buaint thase are not Christian, and which by thatr encruachruents, cver more audacion, an dhore fial, tend well ws the form constaterching, wid ceent the sk rit of its piety. I protast agninst the divorce, as impious as it is senseless, it is sought to bring about letween the Church, wheis is our mother




 has in its proparation; if, in a worn, it wero dil, I would cry charastors easontial to an cecermand anotber trity brought ant
together in the Holy Spirit - not in tho epirit of parties
Hince of some und the oppression of otaera
M. Chasles, the mathematician, whose дame has bncome well known in Fnaland in connection with the and Maseal Manscrine, discoveries of Sir Isand texton har been stolen by him from Pascal, has at tact confersed that ho lisa been imposed unnu. He has for some time past taken to the Arademy larze bats o: fabricatel manuseripts, not only about sciention and signed by all the lilistrious men of nast nges Prom Julius Cesar, the Apostles, the Roman zmperors, the Fathers of the XIV James TI., and a hundred through Pascal, 1 oris wha has maid more than Ciloul, for ohers. M. Cliasles, whiferer much more for his misfhese pappers, <br> \section*{E} <br> \section*{E}







 stated that they have vocomblices who are shili in Parls.

## 

 Colonial integrity of the kingdom, and that the spannoh Cabinet dectined to consider any proprosition from America af present. Ho has also beeu informod that Aprin in mo evant would onnwant to trast on the basis



 fisharare of Tarragona, but weting tomporarily as Goberior, on proceeding to remonstrale ayainat tho violent







 reassombles it will proceod to discuss the choice of a



 Genom, has failed. It is probable that a treaty of Spain and England. The Offrial Gazelle will shortly publish a decroe summonins Cuban Denuties to the Cortes. Five frimates and other war vessels are about
to procced to Cubs. States-Gencral were opened on Mondiy, ond the epenele from tho throne stuted that thu relations with foremu Power were satishators. The introluction of several bills whs anmouncea, richuning ous for tio romblo of tho Jualjet estimates a as stated to be loss than for lait year. Roforms were deulared to be necessary in the colonies, and a bill to introduce free emgration to Dutch Gitana was promised.
Drimark. -The eleotions for the Folkething were uold on Wednesday. In all the electoral difisions of Copanhagen, candidates belonging to the Nationsal Liberal pariy wero returmed; in the provinoss the former representatives have renarally been re-eleoted. There has since been a modification of the Hinistry, in which M. IIaffoer, who as Iavourable to the prinelples of the Scandina
BRLGIUM..-A prand state binguet was given on Wednesday erenine at the Royal panase in honour of the Iord Mayor of London, at whith the Laghsh, French, and Prissian Ministers were present. On the Eamo evenng M. de Laguerronni re, he rench Jinizter, gave a erand dinner format tion tho ofticers of the arny and the others of the Ireneh Natman Guard, whe has beran athendur the Li se fitcs.

Baven - Count beunt, the Iustrian Prime Minister, arrived at Bulen-Baden on the 1!1h 1ast. and had an interviow with the Queen of Prussis He was anter wrards recerved by Mapesty at dinner, Whare ho and With the repreavening Count Beust went to a soircée Ausuria. Tord at Lord Lo Tinder Secretary of State for Foreign Mr. Otway, M.P, Count 3 eunt afterwaris left for Affars, were present. Cormew with Prince Hobenlohe, Ilumen, memer of the Alpine Club, lom his lufa on the member of whe had ascenden with twn gides Lyskanm, which he had ascund the Whrkm? Men's from hormatt. 1 sociation was chood on licuay by a
 sppech by Mepublicanism and Sorinlam," and sat 1 tinat "the enemy which weighed upon the worla wis. monster whe the the mary and monar. that sinister incarostifed and spohated them, who pits chical rrime, weir mothe and in their pochets; who had the millions, the bulgets, the priests, the valots,
the civin lists, the palkese all the armies, and not at single poople; who reignad, goverred, and organised at the present moment", Ho colled upon them to took near rat hand perhaps, when the while of Europe would be cultivatcd hike that noble swiss country
 colled $a$ Republe, it had $\alpha$ mountain which was calicu

 was received with a storm of enthuslasm.
Prusst,-Tho Prussian Пiet, in aceorlunce with a

 diusphter of the Grand Duke The Courn Prince and


 IJth anniverary of the death of Blucber was ceteKrieblowitz, where his body is buried. The Humboldt Centenary Festival began at Berlin on the 14th, with the inanguration of the nop park, whioh is to be celled the Rumbolt--

 friend and faithtul servant of his Sovereign, the man Whose heart beat warmly for the people, and mho morited, as fow had done, the gratitude of his own age mand that of posterity. The apper olasses of Prusian sooiety, however, testitiod their reseatment at the opinions of Humbant udd the revelations his friend Varnhasen, by absenting themsal vee altogether from the ceremons
fravkrorr.-The remoral of the young men of this oity who hare been banished on account of their Tripiog adopted Smiss nationality commenoed on Friday. Among others a soo of one of the citizzens, 16 years of age mas taken by the police to Offenbach, SestonY- . The Court Theatre et Dresden was totally eessful in preventiog the fire spreading to the edjijaeont Museux, ocontining the cill brated dall ery of pictures
 and report whether the relations betwren the Church nad the State would be seriously afrected hy the Pore's Syllabus being adopted pure and simplo by the forthcoming Gevumenieal Council at Rome. The prohave expressed their opinion that tsome of the articled of the Syllabus are
gelves and that the Jespit. Father Schrader, who is its
 address has been ivspeed by 19 German bishops who have recently met at Fulda, in which they say


 to cultura to tha thi interasts of
Avstris - The State revenne during the first haifScar exoeeds the estimantes by several mill hons of f forins. This surplus is notained both from the direet and has addressed a letter to the Emperor, proposing to Corma a fund for granting loans to officers of the army in poor circumstancees, and presenting 110,0 ,hon floring as 1 Ment has returned to the Italian Government all thie Yenetian maniseripts and books which belonged to the archives of the Venetian public library, and which
Hero carried off by the Austruans when they left that mero carried off by the Austrans when they left that
city. Xt is said thata amont them there ere some very curious volumes relating to the I Inquieition.
Tuesday the propocesil of Hort the Galiciein Diet on members to the Reichsrath, was discussed on the firit readiog and the motion to refer it to s commultee was
raiected reiected. The proposal, therefore, has fallen to tho
eround. $\underset{\substack{\text { ground } \\ G B E E}}{ }$
Greice - King Georse and the Royal family Treturned to Athons on Sundas, after a stay of five
Tritic-The report of the official committee appointed to inquire into the craures of the grist--ax disor Monday. Tue committee reeommends au ammesty for all perrons implicated through ignoorance, , the redistribution of the land tax in the provincose of Resgio eervice in the tie exemption of peasanta from active railmay between Parma and the saaport of Spezziia, and the arricutlutul of the morable property-tax smong to the gritt-tax thut fonminteee alvises that ample make nee of me drorted to the Administration to stant personal meupervicion. Annexed to the committeés report is one by Sisumor Ferrartis, who considers the rail way relerred to unneeesary. In other respects he
sass the
Gorerenmont says he Government 13 rell disposed to supprct the
 tax is now bentrg levied every where. He say:


 In addition to the loan of G6.000.00n of lire, coneluded
 with the Bahk of Nayles. Gioneral the Briti Cidognan Itorenzo on Sunday and Houlday. Simort Lait

 Pope dessred to have terminated by the period fixed or the npening of the Council.
TORBEF:- telegram from Constantinoplo states
 French, ERylish, Austrin, add Italian (iovernments are in farour of the withurawal of tho demands 39 to the budget and forcign loany, but tho Porto reman! irmu Conder these eiretelm- tantec

## The ontrint ha: recrivel an int unathon that the

yitan in the courre of Ototober next. Thie Salis Arab tribo has revolted between Yao and Bagdad, and tas cut the telereraph lines. Indian messazes are tele qrophed to loagrad, and thence formarded by estafotito ${ }^{1}$
Eayrr. - The Yiceroy has countermanded the prena
 D.1. 0 osta, arrived at Ale exandria on Monday. Prince Hassan left on the 11th for Enopland, to pursuo his

Catr of Good Hops-- Bishop Twelis has left for Bisthop of Cape Town as meetropolitian, The condition of some parts of the colony is deplorable, from the wanto of rain. News from the frontier tatas that the gold digsings were proving very sucoesfrol. A large
number of seekers were on the way to tho dranmid

 Republic.

- The hulls of the Thunderer and Mornyshire. which were lingt in the cyclone that sment orer the Biny of Bengal in 183ī, have boen discoverod by somo fitherrmen amonn the Sunderbunds. The Thun-
 hays heen succesesfully tried at larieeling and call cutta, by which it has been urored that a bruliant gns he prooses to some of the larcer uties ore 10 apply ngss thus far save given so muiuh satisfiction that the Indian Goverpment has ryattod sume of 4000 rupeess is cannu


## bo a \&ra, nuiance.,

## beneft, 1ustous of

Chisa.
-The Austrian Fobser to China arrive Pekin on the lith Ausult. The iron ship Harilla
 destination, with a rarrep valicod at $133,4 \mathrm{HOl}$, and specie

Ih APAN.Tbe Duke of Edibburgh arrived at Jedd on the 29th alit. Some of tha prinicipal JJapanese rriesta are
Christianity
memorialising the Governcent to oppose Christianity
UNITED STATES-The members of the Cabinet have all returned to Wathington Prosident Grant
wins experled at the White House on Wednevfay. The
 atates that tho Adminit tration will repud date the action
 tary of State insists on the recall of General Sickles.
The remaindor of the New
Vork Press and numerons other journals, on the other hand, state their belief that thit Administration apprrove the conrsis taken by Gencral sickles and mill soon recomnue the heilion Tued of tho insurgents. Wriminis with the usural ceremonies Tho Xew York Demoerate Convention bass adopted resolut ongy favouring the fullest protection Great Britain amd Cube and chargink. Prositent
 Convention hase renominittod all the present State officers, and, on the motion of Senator Sumner, States suffered incal eulible wury yurn tho nite hy the and and cmocornamement glven hy (ireat Thriain 10 tho rebels, but that the quisi ion of for further monsilderution ; thoo sellement of the Ameriman rlams by the transfer of Cundata to the







 Breta, was killed in the batule. The Provisisonal

Parazuayan Gorerament Fas fomatis


## CIta Inteligenc:

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## ATctropalis arra ity Fitinity

 afternoon the body of Tisconntess Pamen north transept of Westminster Abbe procession consisted of a hearse and fon her ladyship's family. Thentaining the Richt Hon. If. Cowper, her grandsores be the Hon. Henry Cowper, M.P.s and the Cowper. In the scoond were ler sol-is. Er Shaftesbury, with his sons, Lord Ashley, Evolyn Ashley, and the Hon. Ceol Ashley. I vero her grandsons, Iord Jocelyn, Lord Sudeler G. Jocelyn, Dr. Prothero Smith, and Dr. Drazewere followed by a large number of onrate me among which were those of the Austrian. Turkish Ambnasadors, the Duchess of In Duchess of Wellington, the Countes of \$b
Buron Rothschild, the Dowager Duchess of Mrs. Lane Fox, Sir George Shes, H100. Henry Bulwer, Sir George Bowfer, Mrs The service was performed by Lord John Th Rev. Canon Nersern. The attendance of stran the Abley was very limiten; about low the north transent had heen lsiued to the domily and their friends, whle tile arneral jublice whos were present as spectation ion a starthug incident orcurred
the nead of th
my ligat, fe
He was at once extricated, witl no further s severe shake and a cut in the head.
bsanp. Manming has recerved tho folloming lette Ine Pope, in reply to a letter recentiy addrased nyitation given Rev. Dr. Cumming, ass coming (Ficumenical Council Fas to be coosidem blowing him

## uestions. -



Tray. We, our part, will joyffulty run to
Mayor should fire the first shot, and a Henry riflo was'
handed to his lordship, but after tuagong away at the triger for some minutes, he handel the rifle to the was intended for the Lord Mayor. Tucre is a deal of get their right scores, and though they are delightot With Spa, they are disgusted with the shootung. It
also said, that is consequence of the extortionate charges of the botel and lodenge-hatze keppers of Luate baing unable to bear the expense of a onger stay INTENDED EMIGRATLOy Head.-Mr. Finlen having, aerording, to his own political and social reform to free Eugland of he the New Wopld, and an entertimment was given Street, St Luke's with the yon sary funds for him to pay his passage. A varied pro 80 and 800 of the "frienis of frcasion, and vetneen C0 and 800 of the "friends of freedom," which included a large number of women and children-in-arms, re sponded to the appeal. Mr. J. P. M'Donnell, who pre Mr. Finlen, denounced the
deelared his everlasting a luerence to the ficumblean derly masner, un accordance with the arransement of the programme, hecrowance feature beng a rectitation" The Jacobins of aris," and a tarewell address hy Mr. Finlen
himeelf. In the course of his speech he expressed hiraself strongly against the Press of England and Scotland Yard detanes, promised to work in America for th cause of England, and expressed a hope that the day
was not far distant when England and Ameries would walk band in hand to sweep away the "odious aris tooracy." The notorious Broadhead, of Sheflield, has also resolved to emigrate. Some months ago the magistrates declined to renew his license for the sale o spirits, and under the new Aot for the regulation of A "Broadhead have also taken away his beer license A "Broadhead Emigration Fund has been started with the Rev. J. F. Witty, vioar of St. Matthew' Sheftield, as the hon. seo. 20 l . has been alresdy sub scribed, and mones is said to be coming in liberally. Appreiended High Tide - Captain Saxby R.N., about eight months ago addressed a letter to the papers, expressing his belief, founded on meteorological theory, that the period from Octo ber 5 to 7 will be marked by "high tides and larm aloog the coast, and while Captatn os himself has been adjured to pive assurances that the Channal Islands, and Jersey in particuiar, with the levels of Soutbsea, Portsmouth, \&r, with all be 10
existence alter October, tha residents in tho eastern counties have apphers to the Astronomer hoyal oriciormore inquiries on the subjeot tham he peas answer, and refors all persons interested
"Nautical Almanac," published by the Admiralty, in which are predicted the positions of the principal heavenly boukes for two or turee years in advance, as well as the height and times of high water at numerous ports for the two tides on every day in tbe year. On examining these tables, says that, though the tide of October is is the wir be seen that, thouga the hide or har than the tide highest of the ycar, it is oni5 linom higher than the thae "Theoruary 28, Whica, he believes, "id no mischie. chere is not, thererore, he adhis tide as mand ing on the positions of the sun and moon. The most injurious tides are usually those which follow a continuance of heavy westerly or north-weeterly winds on the Atlantic
The Loss of the Carnatic.-The Peninsular and Oriental Steam-ship Company have received the folloring telegram, dated Suez, Sept. 18 :-
"Carnatic struck reef two mileg north of Shadwan. When left part of starboard bow nand after foretopmast nearly lovel with water and only visible. Ship supposed to have parted nmidships, and after part sume in deep wator. Specie antanco 10 mec ,
The only mail that was on board was the Indian mail Whioh left London on Sept. 3. Captain Pope, one of the passengers lost, was on his way to jom his regiment in India, \&s was also Ensign Cuppaze, son of Brigadier Cuppage. Mr. .. A. Thompson was a surgeon ing to Peninsular and Oriental service, Mad was proces in the Bombay to jom his sbip. Mr. Warren was also in the Salvaye issociation, Captain Grant, left London last week with two dirers, lor the scene of the wreak, to recover, if possible, the $40,000 \%$. specie, or part of it
The Fenian Prisonzre. - On Monday evening aemonstration, organised thy purpose of promoting the release of the Fenian prisoners, was held in Irafalyar Square. As usual on such occasions the speakers addressed their audience from the platioriu of the Nelson monument, which was amiy hall-past 7 by a few lamps suspemder from a pote, At M. M., began to address the meeting, whioh was insignificant as an expression of the opinion of the metropolis. IFe sald tbit he had been taken to task for What he had said some time ago, but he now repented in England the werachannel. The Euglish people were generous and the erciful, but the Government ras critel, barbarous, and bloody. Having sketched the bistory of pena lagislation in England, where he said not very long ago offor people were sent had said some days ago in oreace, that the diadem of Eugland had been the black cap, and its throne had beon the gallows. England
the denturalsationt country in the world for elfecting povernment of Ireland had beou beyoud all extenua Hon. Ile trusted not in the Euglisis lrords and
 dewh but the jurge conssisting ol Elty oblation to the judges. He hoped that every torm in Eualand would show forth its moral strength, and would assert thet the strong should not oppress the fallen. The prisoners or whom he pleaded had engaged in a fatal enterprise. He had warned thens in vam agriast catering on at They should consider at the same time that the honourable They lad not stained their purpone by single act of violence or plunder. They had been conbut he denied the felony. The following resolutions were then unanimously carried:-

1. That whilo thta mecting fully recognises the right and




Messrs. Weston, Jounson, Bligh, Bradlauzh, ILenessey, of thens in very plolent languag The meating cocupio Weas Public Healtr.-The Registrar-General' Satury Rebri states that in the week that onded on Baturday, Sept. 18 , 4321 births and 3109 deathes wero the United Kingdom. The annual rate of mortality was 25 per 1000 persons living, being 23 per 1000 ia London, 25 in Edinburgh, 25 in Dublin, 29 in Bristol, 23 in Birmingham 30 in Liverpool, 28 in Manchester, 21 in Salford, 26 in Sheffield, 31 in Bradford, 27 in Leedy, 21 in Hull, 28 in Newcastle-upon-Tyne, and 3 Ja in
 in the same week was 23 per 1ho.; The rate in menm and in Vienna 17 per 1000 during the week ending the 3 ith inst. In London the births of 957 boys and 987 girls, in all 1041 ohildrea,
woro registered in the week. In the corresponding weeks of 10 seart, $1859-68$, the average number, The deaths registered in Hoodon durng the week
were 1409. It was the 37th weck of the yenr and
increase of population, was 1306. The present return

## is therefore 108 above the estimated amount

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Barnglry,-A fire broke out on Mondsy at the bottora of the cupola shaft of the High Style Colliery and has since assumed suoh alarming proportions, that it has been determined, as the ony means of extioguishing the flames, that some stoppiogs shall be buit quite close to the bottom, for the purpose of excludio the nir As there is a communication from the High Style to the Mount Osborne colieries, where upward of 600 men and bors are employed, the bre has ilrow nearly the whole of them out of work. The bodies of four of the persons who had been so long entombed in the workings of the Oaks Colliery, were recovered last week. All of them were identified by the litite clothing left on them.

Bromisy.-A young man named Davis was arrested on Monday ior having discharged a logded gun at a girl named Whiterxan, to whom he had been payink his addresees but who wished to break off the connection, Little hope is entertained of tho giri's recovery, the whole charge of large shot having lodged in the left breast

Cambridge.-Professor John Robert Seeley, Fellow of Christ's Coilege, Cambridge, now Professor of Latin in University College, London, and well-known as the author of "Eece Homo," has been appointed to the chasr of Modern History in this University, vacant by the resmation of Canon Kingslay
Curbrfe- The steamship Golden. Fleece, of 2000 tons, which left this nort on the iuth insto fur Alexallat anchor off Barry Island, and sunk before she could at. ano un She be be rua ashore. She has since troken were landed in safoty with the ercention of one man, who assisted to tet the boats off but was missed shortiy after. The Golden Fleece cost her original onners over $100,000 \mathrm{l}$. She wis built originally for the Fast India and Australuan service, and she was alao jargely employed duriog the Crmean War.- Trbe Marquis of Bute has signufied this intention to oelebrate his approaching birthday by paying the whole of the debt than as rritien to the treasurer of the institution to know the exact amonat of the deb
CONISTON.-On Sunday morning a lady and gentieman, visitors to the lakes, hired two ponies and a zuide, in order to ascond Coniston Oldman, a mountain mand 3 couding it Cnable to proceed further they arranged to return, but in consequence of the obsclarity in which everythug was wrapped, and the danger of the descent, the
lady and gantleman were obliged to proceed on foot, the guido taking charge of the ponies A fer travelling some distance the ponses became restive, and the guide was obliged to stop. The party, consequently, becarue broken, and tho lady and kentieman had to proneed alone to Coniston, where they arrived at a late hour after mucth danser, and m'ny lours' exposure to the nothing had been heard of him on Monday, searchers went out, and in a short time found him lying dead upon the mountain side, with thre two ponies standing death hum. It is supposed taat 10 Was sthryel o violent ever experienced, even in this wild remion.
Feyersham-An explosion occurred on Tuesday at Messrs. Hall is Son's powder works at this place. destrosed.
IKESILwortir. $-A$ considerable portion of the ruins of Kcnilsortls Castle having shown sigus of falling, the Earl of Clareadon, the owner, is repairing and strenfethening the great latl, Leicester', bildings, and marts of restornag some of the doorways, windowa, and hire paces. In the courso of the repairs excavations have passages revealed which had been hid for oenturies. The great hall, 90 feet by 45 feet, sthll retains several of its fine gothic windows, and some of the towers yet rise 70 feet high.
14th inst Hens Dhe borogls Police Court, on the 1 1th inst, Henry Butler, a man of gontlemaniy appenrance, from seaforth, near Liverpool, was charzed with
forging at bill of exchange for $1: 001$, with intent to forging at of exchange for l.,00/, with intent to
defrand Mr, G. M. Simpson, of the firm of Hennings \& Simpson, bill discounters, of Jermyn Street, Liondon. It appeared, fron the statement of the wrosecutor, that the prisoner lad renresented himself to be Lieutenant Cooke, of the 17th Lencers, and had been in communiexchanke, from Lancaster. $A$ bill was forwarded, and on the 1st of September Mr. Simpson reccived a telegraphic mesinge, dated from the Vicarame, Lancaster, stating that Lieutenant Cooke had signed the bllt, and requesting Mr. Simpson to forward the money. Having some suspicion, Mr. Simpson went to Lancaster on Friday, and then discovered that no such person was staying at the Vicarage. From subsequent inquiries made by the police, it transpired that prisoner has for any telegram from Mr. Simpson to bo sont to tho post office at Lancaster, the otlicials at which place had also been desirel to keen his letters till called for. It written por siened any of the letters or the bill On the I3th he prezented himself at the post office, and was handed over to the police. He was remanded for a few days, when he was committed for trial at the next essizes, bail being refused.
mitteo of the Natconal Hefornl l'mus was ned on
 chair, showed the great anvantages derivpletrom frec said that he would be no party toasking for reciproaity, if retaliation was meant by it. He proposed rather to have a congress of free-traders of all nations to carry out still further its advantages. Reciprocity gained by Miteh means would be more lasting. Mr. Jacob Bright, Mestraint and trammels on trade. He contended that by putting 25 per cent. on the Chinaman's tea, while our cottons were charged is por cent., wo had denied reciprocity, and tbat to lay all the fault on foreigners was
to put the saddle on the wrong horse. To say that the people should work liard, and then not have the freedom to lay their wages out "in the cheapest market might be Tory reciprocity, but was nothis. Me traced a good deal of the sutfering of trade to tho recont
American and German wars, and sugrested that American and German wars, and sugrested that by great suffering and disaster.
Netrport. - The inquiry into tho cause of the death of Emily Amelia Collier, daughter of $31 \mathrm{r} . \mathrm{ML}$. Collocr, oil merchant, who was supposed to have died from tho administration of poison ly a boy named Charles Gritt, concluded on the 1 Ct . Some further evidence was given, showing that no poison could bs found in her been poisoned; after which the jury unanimonsly returned a verdict that there was no evidence to prove
that Miss Collier came by her death otherwiso than naturally from inflammation of the membranes and eubstance of the brain.

Sifeffier.d.-In consequence of the continmance of the fre in the list lietford Pıt, it was determmed on Friday to fill up the shaft, with a view of extenguishand on Saturday the work was aecomphished, several hundred tons of rubbisla beng thrown down the shatt. The bodies of the two men who could not be When the work of sealing the shaft had commence 1 . What time will elapse before the pit will admit of being reopener is very doubtful. In the similar accidents at the Wombrell Main and the Oaks Colliery,
nearly a year elapsed before those in charge were able to reopen the shafts.

Srields.-On Tuesday, the 1 tha, the Duko of Northumberland, who was accompanied by the
Duchess, the Dowager Duchesa, ind Farl and Countess Duchess, the Dowader Duchesa, ind Farl and Countesz connection with St. John's Chureht, Percy Main, near North Shields, one of tho five district churches, buat and endowed by the late Ditke. The schools, whelh
will be built on a sito given by the Duke, will bo of stone.

Soc'thampton.- The passengers and orew of the
Went Inda Mail steamer Alrato, which was sent to the Motherbank last week, were released from quaranShe on Sunday Srat Fond. - The Chain pit of the Clough burning for several days, and up to Saturday morning
the fla, mes bot not boen cxtinguished. The cause The seam of coal now being worked ordinarily
 to tho coal and set it on fire. Tho manater and
the men used every endeavour to put out the fire, but without avail. At length tho horses and men wer brourht out of the pit for safcty, and the water-en rine was stppped, in order that the water might accunaulate
and exclude the air. There have been several exploand exclude the air. There have been several explo-
sions, and the accumulated water has acted as huttress. Tho amount of the damaze has been con inderably lessemad by this means. The latest account state that the fire ilus not , been subdued, but it is confined to one pit.
as mpridge,-On Monday a shocking discovery weaver, named James Schofield, resided with his wif at The Cotes, a lonely placo among the hills near the junction of Lancashire, Cheshire, and Yorkshire. Of late they have not lived together very happily. On Monday the bodies of both nere found in the house, the head of the woman being nearly severed from the body. Both nere dead, and it is supposed that the husbund first cut his wife's throat, and atterwar
Trinemotit. On T'uesday, the ilth, the Prudioo Memorial Convalescent Lome was opened at Whitley near Vortio Shiolds. This fine bulding has cost about 20,0001 , , ad commands a view of the north-eastern coast. The structure is arranged upno the paviloon phan, when has prowed kis wirt ando Crimean Commissioners have so strongly recommended It consists of a central block, contaning the adminisit consist department, while from a corrider runuing at tration department, this various rooms project both at the back and front, which leave open spaces botween them for arr and suoshine. 'The exterior of the build inz is very imposiag. 'the home has been erected by public subscription as a memorial of the late Duke o Northumberland. At the opening coreuony the chair Fas occupied by Mr. Orde, Chairman of (luarter Sessions; nad the humo was declared open by Eleanor Dowarer Du thess of Northumberland. Ne speakers were tie Duke of Northumberiand, Earl Percy. Si W.I. Armstrong, Sir Walter Riddell, the Rught IIon T. E. Headlam, the Mayor of Newcastle, Archdeacon Bland, the Under-Sherifi of Northumberland, and Dr Bruce.
Worcestren. The acoounte of the peouniary results of the recent musical festival sinte that in spite of the the lat or sum rased by the sale ol' tif kets, the amount of the procedine factival be yenty $3181 /$ and loss than the amount collected at Hereford by $150 l$

## 

The Churcti Sestentation Fend,-The Archbishops of Armagh and Dublin, and the Dukes of Leinster and Aborcorn havo issued a circular stating Sustentation Fund. Mr. Evelyn P'hilip Shirley, the owner of very extensive estates in County Monaglan has announced his intention of purchasing the tithe rontcharge from the Government, and immodiately handing over to the Church Body a now renteharge
equal to the old one. Mr. Thomas Cook Trench, of Millicent, County kildare, has subseribed 3000 l. to the sustentation fund of the Irish Ctiurch.
farmint-Right Conference.-On Thursday, the 16th, ib Tenant-1Right Conference, which may be regardel as the formal opening of an organised nyitaoceupied by Mr. Thmotliy Dorgan, pre-ijent of the Cork Farners' Club, and among thuse present there M P ., the Mayor, and Mr. Burtt, Q.C. The Mimeriok, Clare, and Tipperary Farmers' Club and the Macroom and Mallow Furmers' Club were renresented by deputations. Mr. Butt, Q C., spoke at great lencth, and snid that the meating would innucurates tenont lengu that would neyer relax its exertions unthl every temant in Iroland could sey he had a home upon which no landlord dared intrude so lone as the tenant fulfillod his obligations; a learth that no bailiff or agent dared desccratomlor : an ho paid hrs rent. Mr. Ma:urre, M.P., said olone ta there was not security of tunure here could e no true loyalty in tho breasts of the people. Mr. Shaw Mamelv, that the tennat might of the Nortle shapuhl be legalished and made general throughout Ireland. esolations in favour of the exireme views of fixity of enure pronounded by Mr. Butt, wero unanimously adopted. Leases for any terme were scouted, as also Was compensation for improvements in any form. It better agitating of this claim between the present time and February next; and the Ministry ware formally will ansser
The Trebrit Simp Smbping - Last Friday an order was rend on board the turret ship sicorpon, lying dately sail for lermuda. The olfice shoutd inme tested against her puttine to sca in suelh weather, or proceeding on a hind voyde at all, is in the gale oft


## 

 wero proceediga a prorty If lianpurpose of escorting home

## Orangemen selzel the montm

## rintuph.

Robbery of Arvs. - On $1 \mathrm{I}^{-}$ Corke of a respectable firmer, umar with bluckened faces who are supposed not to be strangers

## Agrarlan Mubder in

 night, a man named Thomas dalky, was murdered while r a. $\mathrm{m}^{2}$. market. On coming intwo years azo, ho foun cach of wano, ho iound farna for himeir year and a halers reot
excited reseal ment againot him, an: :he was a marked man bour, he was attackeil
by two men who wo
Triend ran away, and thie murderon head to atoms with a stone lamimers. Irn-
same name as the deceaseli, as well as a man named Quan, har $1 \mathrm{mar}_{2}$, of "Wilful Murder by some peraots haisen.

## Scotlant.

## Mrsteriots Drapprarivee

## Nrr

## He . Won his been missin' since lio

 Se went to his estaie ant G.eluanimai, lever Saturday, and it nppears that returned. During Honday and ri at is mado fur his lordshas, lut obtained, and li 1 s fearel that, accidentally fallen $\quad$ uto tho river, wi. been frowned. Lise river wan drame and ednesgay, amd about jom lers ine moors in search of intu. The Prucurat. connty arrived at Glenat
## been disoverel. D ning the Ja, winn

 silk nocktio and an ompty fazor-c.we, $r$slightly stained wita biood, were banks of the rifer, aud nere luctitiods belonged to his lordship, wale an as inger-marks in blood,
assist himself into the water. I'rom stances it las been inferred that l. moment of temporary insanits, destruction. Great excitenent prenis lordship has long cen has Monltarest To Ronert Brtae heid in Sturling it las bern reoped 13annockbura.
 and after competition was knocke at $91.10 l$.
-22.51.
University of Glactom:-Mr. JMm ' the proprietor of the para
presented 10,000 ganeas
['niversity, Glasgom, with liberty to and bursmies in connection theretsit.

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Thurident To THe SCOTCII mail frona the north to London wh
 and the breaks brought to ast Lnu. I'he

## the grovds train Was surish

 were broken, and the fars of the hou ness of the colision seval
injury.
accident.
Tife ite Colliotiny on the (fbeibod
yoodu trains,
he wroused
deceased was aecl lonalaly
train being Gn tho wron;

Lhe if the station had been properly
by an adequate number of officials dubled boin

## 笔 a tu．

May





 as Whinte up by an assurance company
 T．


 In woul ind ictod for felonioually wounding






 Sist iroin cartlessnoss．It it also appocred that

## Qbituary

0 Rryere tho Right Ror．Dr．Phillpotes，diod moun at Bishopatowc，year Tortuay，in his artion to resign his aco on the terns of tho ar carled out，an 1 he dic $i$ ，as he had niways ns ond where ho was born in lifi．Ho
$\qquad$
 Muth In 1 Nis ha was clected a Fellow of Namanes While still a young man， A．Lams to Dr．Shute Barrington，Bishop of


 ： 11 nise of Lords，and took a prominent $\therefore$ aler of the Hingst important debates．He 4 a kalous champion of the Establighed Chureh $x$ if irls In 1842 lie refused to institute the －an into the IVing of Bampford Speke．Mr． 3 decision in his favour，and Arohblahop ate invtititod Mr．Gorham，whereupon the alosted tho Primate and published a＂Letter
 thooding upwards of 200 in number，and most －hemion，fighaliy issued in a paruphlet form． bellor Eldon．By that lady，who died abvut
 Las heenf rimy necessary for the bishop to

The docese contains what formerly con－ fornes，viz，Dewnskire what Cormwall；the
incar 1．－the bishopric of Cornwall was
 heter，tho lutgest city in those parts． Therer，the anbulct was athended to by Arch Chabcellor of the diveese，and celest sun of in legal prowedings for tho purpose o． Mary．The funeral of the bishop took grave on the east porquad，when the rdahfp＇s wife，and their daughter，Miss
At it Ris ghout，Bart．，of Sezincott，county年 on Sunday morning from disease in 1809，and married in 1831 the
rustin．Ho Eucceeded his drughter of the
sescrell，$n 1849$ ．Fime Rushout，in litu of


 datos froni 2684 ．The tanily of Nara Beotia，whooe arcatlon



 Cducated at Eton
ADMFAL Dowclas CWRRT died mindonly on tho 15 th Inot．， rick，and in walking from the riok loger the erection of a bean overtaken by a $\begin{aligned} & \text { bhower，which caused hins to hurry．The } \\ & \text { increase of pecs agitated him，}\end{aligned}$ e spoke a moment to bis butlar，and than fell into in arcos and imatantly expired，He had boen for some tine tranted for henrt ribalas，but the symptoms were nut of a
nature to ereate any alarm．Ho has left a large aud juutljuit
 ant，at Malvern，in his alst year．H．Was the son of tho Rov Sir Sarnuel Romilly．Having cbosen medicino an lith profer don，ho procseded to Edinblurgh，where ho completod th the dogree of Doctor of Medicliso in 1 m98，bafore ho was yenrs of age．He afterwards attonded tho London medical
 Favellers ly the conclusfon of the Peace of Apifon，he went resumption of hostilltios betwoen Franco thd England，Bona parte end venly ist ixod on all Englishuren who happonod to bo in Fronel territory，and Dr．Roget wes smong the number of the délenuk，Atter boing retained as a prisoner for two wisthes，he obtainad hie liberty by moans of \＆pasoport whitch bism as the son of a ctitegn of Gonevm Rriviloges bolonging to he became the travaling attendent of tho Marquin of I a11 downe．On the tarmination of this oncracament ho stirtu i practico in Mancheator，was appofntel blissict in to tho


 soliety he contributed some papers．In 1814 a paper contri－ for him the fellowship of tho Royal Socioty．In 1820，and for nany subsequent years，he held the appointinent uf Plyssician to the Spanish Embassy．In 1827，on the retiroment of Slt wrote his is Bridgwater Preatiso on Anifnal and Vogetable ＂hysiology．＂To the general public ho is woll known by his ＂Thesaurus of English Words nud Phras

16th inat．，it Gordon Squaro，in his ufth 3 eat．He was th wan of a merchant at Glasgow，whore he way borm in 1805. He
whs ertucated at tho Glasgow Grammar School，and in 1826 touk his degree of $\mathrm{M}, \mathrm{A}$ ，nt the univeralty of that city．He
afterwarda siudied for two years nt Edjaburgh，and retiracd
 ，it itute，and was subsequently elected Andersonlan profesior
 Mint，in 1855 ，when ho was appointed to that othice．Amon the discoveries by which he is honourably known is that of thi liwy of the diffass n of gases，for whinh Le wht himed tho kenth

 or in new method of separtition Fis＂Elements of Cheronstry＂
 Le becamo a Fellow of the Ingat socicty；Luo Acadeny
 momber in 1818，and the University of Oxfor
The Rev．Dr William Ceara，M．D．，for many yaura Pro fessur of Anitomy in the Univoralty of Cambridge，died on CulLego nearly 70 years ago，In company with Professor Beds． graduated in 1809，with such distinction that he whe olected to a Trialty fellowship in dite sollrse．In 1817 he became Pro fessor of Anatomy，and discharged the duties of tais proicsson ship for nearly half a contury．At bis subseription among the gervices were recognised by a puble subsernption among the university for a bust in commeration of his

Dr．Jantes HuNT，founder and late president of tho Anthro pological Boclety，died on the 2 uth nit．id Orintion at，Excter Hastings．While attending the Britisi Asscintion to be sont ho bad an attack of gunstroke，und nas obsigod to be 日on menced，and never rallied．
Captain Hudsor，R，N．，for many years gorarnor of tho Queen＇s Bench prison，died at Rodhll，on the 14th inst，in his isth year．He entered the nary in 1811 ，sind served at the Wands emaloze in Earpt，Januica，the Mediterranoan，in the Channel，on the Afriman and south American stations，and of Ft，Ifelena Ir is 20 he distiuguished himself in the nive
 wpunited to the coast blockale，and from $19 \%$ to 1531 serve agnin in the Moditcrranean，and was afterwards，from 183 to 1536，and again，from 19.38 to 15 mo yrison in 1543．
Wicls，The will of Major－General Hope，of Albany Street， Edinburgh，and Norfoll Street，Park Lane，hat bern sworn under 25，000，personalty Count Jocph Rer．Dr Hamplo Castellnne，city of Paris， 12,000 i 1 Ras ht rev．Dr．Hametron Bishop of 8alibury，14，000h idleton Clever，Northanmpon
 Botloys Park，Coersey，Clapham Common， 2.50 ，num ，Mr．Josepl
 Kirby，lato manager of the Albert Lffe Assurance Company 40，000 ．


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Yelons，sach，In od to $3 n$ Lrapas，par lh，lat to 6 th

Pours，per doe，sia to se to VEGETABLES
Artichokes，greeth，12 don，so haice por beunch 2d to td Ietmene p outh，is to la 04 Beans，Kidney，p．deideve，Sotots Brum，per doz， 2 aprouth p．I dova， Is to 3408 Cabbaces，por don，la to 20




Leadenhall poultry，ec，
A puroly nominal domand and in amalier sumply．Ginuso
 Tonling Turkey pulloin $0=5$
$60=70$
$40-80$ Mumbruome，p，potho had to in Puale，per buboh， $2 d$ to ad Duckinga Wid Rabblits Purtridgon，you BurcoyFiowle，oouplo， Barn－donr Fowl haros
froum Barri－don

## 

## METROPOLITAN MEAT MARKET－WIt $2:$

Boat Freah Butter



## metropolitan cattif，mallit t．




 Thuraday，Bept， 23.
Wo bave a large supply of Bearts for a Thursday＇s market learnace ouny prices aro lowor for nutaber of Sheep is also much larger than last week；pevera lota remain unsold，nlthough thera in a disposition to take les than twe quote．Calves are nather lower，Our foreign mupply consigts of 765 Benis，din sheog，iticalver，and 95 Pigs， Bent Scots，IIere－ $\begin{array}{ll}\text { Best sherthurns to } & 8-5 \\ \text { an unahty leants } 3 & 0-3\end{array}$ Best vuwis and
Malf lureda Do．SLuT11
Eweadevd 4 dity
Do．Sluorn Do．Sluorn

Do．Sborn
Bearts， 1697
Bearts， 1697 ；sheop and Iambe，10，370 ：Calves， 685 ；Pigs，40．
MARK IANR－MONDAT，Sept 20
There was a short aupply of Euglish Whoat to thits morning＇s market，which sord aromy at a ceeline of rully le．por qr．on very moderate for forelgn Whest at a mimilar reduction． Maitiag Bnrloy was withont change，other deseriptions wero is per qr，oheaper．Old Rubanan Oata were in good demand at an advance of 6 d．to 1 s ．par qr，Beani was dull．Now Mustard seed has been gearly all cold at 138 per
Price per tMpraik Quaril
What，Essex，Kent，Sufolk，Whtto
$-\quad-$ Ane melected runa．do．
－$\quad-$ fine melected runs．do． $48-j 5$ Red．．．．．．．42－

THE GARDENTRS＇CIRRONICLR AND AGRICULTLRAL GAZETTE
reduction of 18 ，to 28. por qr．has been submitted to on new
and eccondary old Wheuts；fine samil les of the gatter，huw and econdary old whats；Ene saml lese of bought at a dedine．Wo coberre ne alters
 Beans wero neylecte i．Hour cuntinured a klow sale at a reduc tonn of 19．Ma marrel and sack．Since Friday list 57 grain and tbiso left over from last week，there renaincal for sale last




 The arricals of all zrain this week have been moderate

 Huces．All descriptions of Oatg must be
fuwer；位 other urtens thero is no chango


 mhale foreign declined 3d．per cental．Four was nugica ted，
 were obtainalle，at a reduction of is，per qr．Indine Corn the adrance abtainable in the intervil

|  | Wheat． | Barley． | Oats． |
| :---: | :---: | :---: | :---: |
| Aug． 14. | 52 sod | 30510 d | 2islld |
| － $21 .$. | 531 | 337 | 26.3 |
| － 28. | 542 | 327 | 282 |
| Eept． 4. | 5111 | 568 | 268 |
| － 11. | 4910 | 3710 | 2511 |
| － 18. | 50.5 | 38 \％ | 255 |
| Average | $51 \mathrm{J1}$ | 3411 | 20 |

The seed trade has，SELuring the past week，exhibiten a fair amunnt of activity，bit more especially for those kinds of
needs required for immediato sowing．Trifolium incanatum
 Tarea are in briak demand，and easlly realise full rates：the high prices now raling have induced growers to send thoir stocks to mark nt mestrth．eless the supply is fardve
 cell，the quahts of whicl 18 rcry fine．Linseed is steady a
 keneon．Two crtbree eanyples of new Windsor and Lones pod Beans lave been shown，but tbe quailty was very poor．Thero if stsll very little doing in either Trefoil or Clover seed Jonic Shaw \＆Sons，Jf，Water Lane，E．C．
THAY．－Per Lond of 36 Trubses．
Emithmeld，Thurrday，Eept， 23
Trade firm；a better dcmand for good meadow Hay and

 Interír do． $\frac{-}{30} \quad \underset{38}{ }$ Inferior do． Charles Jamäs Easton． Cimifrland Market，Thureday，Sept． 23.
Sup．Meadow Hay ${ }^{55 s}$ tol 1 O5s Inferior Clover ．100atoll 1 日


ENGLISH WOOL
Wo hase had a rerg quiet market，without any improveraent Currest Pueces of Evahish Wool herlo FLEECES－Southdown hoggetn Hay－hred ditto
Southdown ewes and wetbers
Leiceater
Leiceater ditto
Sonte－Clothing
W ANTED，a PARTNER，to assist the Advertiger in

W ANTED，a torst－ce Ass PROPAGATOR（miloors）of
 WANJED，a PRUPAGATOR（HARD－wounfid，by WANTED，a MAN．－One who has been used to South Metropolitan District school，－sutton，surrey THF MANAIAFHS IEquare the services of a WORK－ INGGARDENER．His duties will be funder of a diroettion or


 Hil ho givento hose Candidates whom the 3 Tnn derce and notic $\}_{\text {estry }} \mathrm{H}_{2}$ ，Wa

W ANTED，an efficient Man，as BUDDER，GRAFTER， bimbolf ngeful an any department of Nursery Work then required．－
Apply by letter，in OWn liand writiog，to WILLIAMI BARRON AMD SON，Elvaston Nurgerles，Horrowish，Derby，atatlog ago＂hetse



WANT PLACES．－Letters to be Post Paid H XPERIENCED GARDENERS（or as GARDENER
 Wood，London，N．W．
Wh．CUTUUUSH AND SUN bes to Etate that they Whngo charncters will tert tho stritest inquity．Aly Geutiemat

$\mathrm{M}^{\mathrm{K}}$ ．WM．PAUL begs to Announce that he has made Mrask Gentiemen with the NAMIES，ADDRESSES，dCc，of an ticalions，who aro open to Engngemeots，The futilest particulars
 To Gardeners and Ballffs（Head，Foremen，or Under） $J$ AMES CARTER AND CO．having many anpleations for the abnse request that those WANTING STUATIONS for ENTRY in thotr FREE REGLSTEFI．Unly those who call eend An llady or Gertleman requrring GARDENERS or BAILIFFS

 anterm dis numerous friends and otbers zhat he ts eatirely giscos． cete he is dea rous of it situation as TRAVELLER，COLLECTOR
 to make hunself nueful，and to empos his extensive suntuence aund

G ARDENLEK（HEAD）．－Age 27，married；thoroughly G．undergtanda all branctes of Gardondag．Good character．－ （tarbenek（Hfal），－Marred，no incunbrance good cluncucter－E．T ，Migh Street，Lower Toot，ing，Surres，s GARDENER（Hean）．－Married，one chind ；thoroughly Farts Forcings．Two yoarsi cxetlent character．TT．$F$, Fost Ollico，
CABLDENEK（HTAD），－Age 3；married； 18 years ${ }^{3}$ Onon cxperlence；hus a the rough knowtedge of tie protession， （TARDENER（HRAD）－－Thomoughy understands the

 Flower atd Kitchen Gurdenink Four yenrs hut five months＇good
（T ARDENER（HEAD）．－Age 40，married，no family； Sitchen Cughly understands Forling vinee and Flowers，and，good

（ARDENER（IIEA）－Age 27，marrird；undcrstands
 Breaent and former ent Achthatuptot．
（TARDENER（HEAD）－Age 38，marripl；understands Three sears＇tosturnomil fromi in K हntish fimmiv，and two and antuif zeared rood charnecer from present empiojer－J．B，4，Cambria Road，Coldharbn
（TAlLDENER（Hzan），Middle－aged，marrled，no
 2，Crose，Twickentam Green，Madilegex，W
（TARDENGR（HEAD），－Age 38，married；thoroughly Fower and Kitehon Gardeper．Underatands Woods，Land，and Stook，nad the genersl work of an vatata Can be highly resoma
( AKUENER (HFAD), - Age 33, matr
（ A A LUENER（HEan）－－Age 33 ，married ； 18 years Fyrst－clase Grower of Pine of Vino prociphl Garions in Etopland Ec．First－class charncter from present employer．Unex
references．－P．Y．，the Gardens，Oxton Hall，Birkenhead．
（TARDENER（HRAD）．－Age 45，married，no incum－
 （ AR1）ENER（HEAD），－Middle－aged，single；thoroughly


 Worset，Fishes to rocominepa his Fhi， aqueries by tuply．og to the materey as aboie．
（AKDENEK（HEAD，or Single－If in DED）－Mharricd：
Character，－W．H．，ExTung，Nemmarket，Suffo is．

highly recommeaded．－M．A．，4，Rofal Oak Place，Pecktaru Rye，
（TAKDLNEH（HEAD，or SINGLE－HANDBD），－Marriad，

（ AKUENEK（HEAD），or GARDENEK And BALLIEF






FOREMAN（in a grou Entat：．．t Een
H（1）EMAN（ate 2．j）－Willity

HOREMAN，or SECOXID II ILitel：
DROPAGATOR，or FULEEM $1 \lambda$ and Gratter of Azaleas，Camellins，Con fine inca utso Budder nad Grafter
40，Redleston Street，Derby
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## Mr batoenteg chromicle sucospaper. <br> SATCRDAT, OCTORER 2, 1869


 RENDLE'S PATENT GROTND VINERIE: ANI PLANT DJWTCCTORE
 * prented a mode of protecting tender crops, which ous in to chis in clazin Bende's patent protecting bricks, low structures which may he cultd mothout the aid of putt, by nerely slipping the sheets of glasi ant a xant We cannot better explain the principle than by referring our readere




 for the protection of less hardy plants during winter.


PATENT GRODND VINERY, as now in use at Mr. Rivers, at Sawbridgeworth, 10 FEET for ONE GUINEA.
F.F. 2 we bave the representation of a ground rinery. The drawing, which to the plant enclosm We have aeen at Mr, Rivers an experiment with these
 to wh, wherras we would suggest that they be pigeon-holed so ws to admit of $\mid$ of health and vigour, and under the glass there is the needful amount of humidity



Fig. 2.
STRAWBERRY GROWER and FORCING FRAME, 12 FEET for ONE GUINEA.
Tironld strongly urge Mr. Rendle to adopt the piseon-hole principle. It is are rheapness, durability, disuse of putty and paint, and the total dirpensation she general hardy use of the "protectors;" but it admits also of their being with the kervices of what are called " BKilled workmen in their erection. Th a for forcing. When so employed heat may be applied by a lining of heating material of which they are made is alsil an important element in the question apaced all round them. As yet this is but the initiation of an idea which is 1 for the heat absorbed by brieks dunng the day will be given off at night, nnd of great development and wet see in it a fund of intereat and nsefulness in in this respect bricks have the advantige orer such atructures made of wood and 4 horiculturnts. The great recommendations of this plan of Mr. Rendle's glass only.

## RENDLE'S PATENT GROUND VINERIES AND PLANT PROTECTORS.

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## PATENT GROUND VINERY, 10 FEET LONG, COMPLETE WITH GLASS, FOR ONE GUINEA The same size at now in operation of Mr. Rivers at Sawbridgewrorth.

requence of the large demand for these Protectors, it will be necessary TO GIVE ORDERS AT ONCE, in order to ensure a supply for the Antumn. All Order Theod in strict rotation
Lhese Protectors have been exhibited at the Exhibitions of the Royal Horticultural Socicty at Lpicester nnd Manchester; at the Royal Botanio Societr, Regent's ansing the Bath and West of Enpland Horticultural Soicty Southrmptor, nad at varions Provincial Borticultural Sempecimens will also be eshibited by the refularls appointed $\Delta$ gents throughout the countrr-a List of whom will be shortly publishers.
SETS are IMMEDIATELY REQUIRED.-Only one will be appointed in each City or Town. Applirations should at once be made to the Patentee,
Mr. Rivers has Kindly consented to allow the Patent Ground ITineries to be sem at Sawbriagoworth.
SPECIMENS can be seen any day at the Gardens of the Royni IForticultural Society, Sonth Kensington, on application to Xr. J. C. Fox
MR. W. E. RENDLE,

TIIE GARDENERS CHRONTCLE AND AGRTCULTURAL GiAZETTE.

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H s Royal Highress the Prince of Fales grants Two Soholarships,
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 GEOLOGY and the ARTS, ht King Co Colego Lovdon, on
WEDNESDAY and FhiDAY Morange at o o'lock, durlag Occober
Novembar, and Deomber, commentin Ochobar



## 

The QUEEN IN Scotland.-On Thursday, the 23rd ult, the Queen, accompanied by Princess Louisa and Prince Leopold, went to the Glassalt Sheil, and he Castle on Saturday for Dundee. On Sunday the Queen and Royal family attended Divine service in the parish church, Crathic. The Rev. Andrew Gray, of St. John's Church, Glasgow, officiated. On Monday the Quen drove out, accompanied by Princess Christian and Prinoess Louisa. The Queen gave a ball in the Balmoral and A bergeldie estates. On Tuesday morning the Queen visited Braemar Castle, accompaniod by Prince and Princess Christion and Princess lleatrice and in the afternoon drove out with Princess lovies Her Majesty and the Royal family are expected to leave Balmoral about the 5th or bith of November for Windsor
The Prince and Prinerss of Wales, with Gheir ohildrea, Prince Alhert Victor, Prince George Mrincess Louisa, and Princess Victoris, arrived at Continent Their Royal Highnesses arrived in Paris on Sunday from Wildabd. On Mondsy the Prinoess Was slightly indisposed. On Tuesday their Royal Highnesses paid a visit to the Emperor and Empres at St. Cloud. Un Wednesday the Prince de la Tour d'Auvergne, the Minister for Forengn Affars, paid: visit to their Royal Hıphnesses, who left Paris in the evening for London. On Thursday the Duke of Cambridge visited the Prince and Princess at Marlborough House. Their Royal Hıghnesses have accepted an Althorp. The Prince has engaged to shoot with the Earl of Derby and Lord Londesborough during the season.
Proposkd Abduction of Princt Arteur by THE Finilaiss.-The Now York papers state that the Fenian Brotherhood have just held two meetings at the Fourth Street head-quarters, and that it had been ascertained from authentic sources that the committee had under consideration the abduction of Prince Arthur either in Canada or in the United States should he pay a visit to that country.
The Baxb-Copurg Pamily.-The Grand Duke left St. Leonards on Wednesdan for of saxe-Coburg visit to the Duke and Duchess d'Aumale. The Priace
and Princess August youthful family, left Sto. Inena-Co Vienna. The Duks Ferdinand and mentine will leave 7 wickenhand for ${ }^{1}$ the on a visit to her Majesty.
THE Vacant LORD.
already anounced that the Gormerri,pressed Lord Westbury to acrept the ri Lord Justice. When the samept ofer
November last his lordship declined
that he was of nit that he was of more uep toclined,
caparity in the Howse of caparity in the House of Lord the subject, he agreed to refer the que.
Chancellor, on the cellor considered he would be of 4 trat Justice ho would accept the offine, ar. 1 , stated that the Lord Cbancellor, after of the question, has decided that it mouli public fromect that Lord Westhury
away from the appelate tribunal of
Lords.
Lords. BaronfTcis.-Mr. Giadst
Naronetcies to Mr. William baronetcies to Mr. Wi!liam Jackso formerly M.P. for North Derbsshr man Earle, or Allerton Towers, Lear I Major-General Francis Seymour,
waitiag to the Queen, and formerly Prince Consort.

Parliamentary Movements-There in the representation of the Chirerstit and Aberdeen, caused by the promotion Gordon, the late Lord Advocate, is ann Conservative candidate; and Mr. Smith, as the Liberal candidate for the vacosot ont Sherifr has fixel. Wednesday, October 8, a nomination for East Cheshire, and the da
for the Saturday follomisa. A requisito of signature in Dudley, calling upon 1 Mr resign his seat in l'arlament, o
nection with the Albert issuranie 0) Mb. Gladstone arrived left lisl to his brother, sir Thomas G Banchory by the road across the Cart Fasque, a distance of about 17 miles wards visited Fettercairn. On Mondar Dundee, and immediately drove to mmentor Wednesday he visted Perth, and on companied by Mrs. Cxladstone and dau arrived at Hawarden Castle, Flintalure, wbon remain four or five treeks.
The Revente.--The Revenue hoturi year and quarier, ender
year, and an increase of 107 813,000l, Stamps, 177,000l.
Post Omice, 80,000l. ; Crow
lancous, 515,057 . and 1 Lands, 15 $259,000 l$; Taxes, 41,000 ?. The quarte Taxes, 18, n00l.; Property-tax, 65,000 10,000t. ; Crown Lands, 1000l, and a Customs of $150,000 l$. ; Inseellaneou
THe Mastershir OF THE Mi. The Mastershir of The M
that Dr. Lyon Playfar, M.P. fo Edinburgh and St. Andrew's, is a
office of Master of the Mint, vaca office of Master of
Professor Grabam.

THE ARMY, - Major-General This appointed Colonel Commandant of the B in the room of the late General Conran $10^{\circ}$ of the Gith Foot, vacant by the death Charles Gore, has been conferred on by this promotion, has been conferre. General Robe
The Channil Squadron.- The Afinmern the vessels forming the Channel Squatru Queenstown on Monday morning. The Agincourt anchored off the C

## Foretgit.

## Franol.-The Emperor, who is

## St. Clond on Saturday. On Sunday

 Empress attended the races at the journey of the Empress to the and it is stated that her Majesty Constantinnple.the Empress. As matters are at
Majesty will visit the King and Corfu, where the Ambassador She is to arrive on the great preparations are making which are likely to be perman Buyukderé, and other From Constantinople the Fill not wait for the opening her return to l'aris is expented. Emperor witl proceed to Ticly Princess of Wales paid
Princessess on Tuesda
nho lett Paris on Wednesday even-
The Journal Onciel publishes an ppointing General Fleury Ambasaprsburg, and a decres revoking the erior, and permanently appoine It also denies the rumour Mathunt 1 of 1 L eser been cuntera-

## meanure a

az Yr . 1
juzruce d.f Lord Lyons.
olved not to yield to the the Govereapapers Which demand that the Chamber not take place in October, but The a November. In the meanwhile the is preparing before the Chambers. fire harbour of Bordeaux, originating in ,0ason of a lighter laden with petroleum prosink, wafted by the tide, communicated frizhtful rapidity to the ressels moored sundued tall Wednesday morning, by larse vensela were destroyed, and seseral

- len iojured. The amount of the lows it mble to cotimate with ansthing like o men fell into the water, one of whore 1 all the authorities superintended the $f_{1} r$ subduing the flames. The Minister The vessels dentroyed were the Touruy, el. II verse, Chomyn, Chanama, Mieut. orizava, Josepi, and Marie nere partly loaded. It appears that no tesox wero burnt. On Wednesday might ms lie scele of a great fire, by which the Lipan mady of Ge wooden buildings ndjoining, noped, Mgr. Dupanloup, the Bishop of - to recant his error, and fling himailf ot the Holy Father. He laments that he and tells Father Hyacinthe that vT mearure, by the grief of all the friends harch and the joy of her enemies, the exto pause on the declivity on which he stands, ays, to abysses which his soul in ita trouble Father Hyacinthe, in reply the is much touched by the feel-
etated hia letter, and is moost grateful for whe so kundly puts up in his behalf; but he do that that the bishop qualifies as a sreat fault A. We calls a great duty accomplished.
atitation is still engrossed by the Pantin uscovery of a seventh corpse having nd her five children. The seventh nidentified as that of the eldest son, a net, who was found with a knife bodies mere found. An eighth body supBollwi.ler and Cernay, and the brother-inack bas been sent for by the authorities to now concentrated in the confession of the luros out to be, not young Kinck as tho had been living, under the name of a paris lodging-house. It appears that, whamily in his possession, that he sold nach lias been identified as belonging wir, to a Paris watchmaler, before the Roubaix, and that. he had zont monev to Der on the very day of the crime. Up to -tions put to him thed to answer ail the $K$ ack, the father, of being the instigator of that but there is powerful constructive father, then must hove murdered then the son, and finally his crime, as he and sickly himself to have been able to ench in which the bodies were buried. Itis mentesale butchery is explained by the a Kinck family he had secured the titlehaving murdered them and he do escape to here ho might have passod himself off as an course of time, by means of a forged his own profit the whole of their house property ster own profit. It seems that Traupmang got A Fre his arreat a clerk in a shipping-office at arreat, and that they dined together, sar mann told his new acquaintance that his ${ }^{3}$ mipatacte
Repmipsslun of 10 tiroughout that novel ${ }^{3}$ mumber of the farily entitled to it. Another erchant, was found from Toulon. M. Samson, as fout, has found on Saturday morning lying and several bank-notes lay on the table unthis crime
sidenoy of the Council of Ministers, under the pro Which it wha arroed to propose to the Cortan tho Duke of Genoa as a oundidate for the throne. It is stated

 miveriz of two-lhirds
 stutes that he will never become a candidich


## foreign throne. A commission

draw un e opanist Corter, will be appointed to
The Folunteers of Tarmasme lasbige mannifite hostile to the Governmand, the authornles or lefea them to bo disarmed. Deseral commanilants of the olunteers at Barcelona protested
they erected barrame their battalions hey erected barricades, and took possession of some pixperse they were attarked at 10 ocelock at night by letely ${ }^{2}$, who the Sunday morning Order was the by har-pas
were killed anil sound d of 120 prisoners have been sont on board the vemata in the harbour, meluling the hepubliran Depmitem ried to in ace Coy, wor has teera, had taken sides with the rebels. On Sunday a rising of the militia ocourred at Villa francas de 1'anades, bert the men limid doma thei insurrectiona as the result of the Baroelona on the line between salbadell and Moraltrul. Siroug bands of Republieans are repported to be mencentrute-1 in the neighbourbood of Gracis and Mandresen in Catalonia, and the Socralist partis sad to be prepariug The Government is amare of their intrigues, aud las taken the necessary measures to suppress with enerpy any disturbance that masy arise. 'Troops have been sent to Audalusia and Catalonis, and the Governor o and associations until their cristenco has been reguand associations until their cristenco has leen reguTortosalised. General Pserrad has boen arrested a
Portugal--The King of Portugal has addressed a letter to the Marquis de Loulé, Minister of Foreign Affairs, contradicting the rumonar that he had accepted "I Was born a Portuguese and I will die d I'orlunutae The Cardinal Patriarch of Lisbon and Connt 1 arru's are dead. A ooncession has been granted for laym. tariff for a telegram of 20 words is to bo sevpu franc
Drnmare.-It is atated on reliable authority that the Diat, on assembling. Will be prorogued for two months. General Raasloft the Minister of War, has The 1 hagen in the course of this month on wivitit to the Davish Court
SAXONY-Both Houses of the Saxon Diet were opened on Wedinesday by King John in person, His to matters of internal interest, gaid :-
"Sazony enjoya a respected position, both within the North German Confercration and 21 lier relations to forefgn Powers
 continue, ss heretofore, t use my inhluence towards preserviDs
the bounds which the constituticn sets bee ween the rights ol bope that this antitindo on ray Y aritt wall net he withat frimt,

Belgidy -Prince Charles of Roumania arrived at Brussels on Wednesday. The Count and Countess o Flanders received his Highness at the rallway station and conducted him to their hotel, waere apar dinner had been prepared for his reception. A graba dincer of the French Week at Brussels to the a been sttending the Liego fates. The Frenoh Ambsssador, M, de
 Belgium, said :-
"Belgium, which has obtained her freedom by her own and rivifiad by hburty, that Belbum, whinh fri Fin to nowre, Franco respene.France considers ber as hir any in in thase tradition, honour, and object of her policy.
King Leopold, on his arrival at the southern Railway Station on saturday, thanked 3 . de Lagueron The Count of Flanders also expressed his thanks, and II de Lapuéronniere said, in reply, that what he hr stated was the sincere declaration of his nersona? sentiments. King Leopold informed the oncre of the Eagliah rifle corps that he intenced to 2 ) whith fess days to Queen Victoriz. Mr. Lumuler, the Britiah IInister, entertaned a harge mumber of the Englinh on Monday.

SWitzerland.-Wúrtemberg has signified its adhesion to the St. Gothard Railway project, and the Swiss Federal Councii has consequcnuy iavied entive to the ment of that counery
Bader. - The Badea Chambers were opened at Carlsrulie on Friday by the Grand Duke in person,

Who delvered a spooch from the throue. Hus Hind antabtisthment of more intimate that ho manousord the Grand Duahy and the North Gormen Comferect the
He also rejoiod to in nt of nationality. Which teoded to of the wenti.
 Pacssil-The Crowa Prino of Yanan ene
Berlin to-morrow for Baden-1.
then

 AUsTBIA.-The Rrese of Viemne containe an article Austria and Prussin, in which it aus.Frithe inst rixhzedion of the approaching



 igned the doomuent known es "The Declaration" ar re-electe 1.
Itale, - A Coagress of the Ifalina Chembern of Pmmerce was opened at Genos on Monday. Ifusecin Prina, the son of the Viocroy of Enyyty arrived it on board the frigate Maci, for Alerandria.
Sicily, -An eruption of Mount Ftne took place on
Sunday. On the castern side of the mountain two torrente of lave are flowink into the Val del 13 ue.
GREBCR-The Chambers were reopened on irily by the Miniefre of the Interior forbiddug the issum kist on any ground whatever. A sernl-c ! it al
 journey is bot of a nature to give the l'orle cause to

Triday to the The 8ultan arve a public audience on Friday to the Russian Ambassador, General Igastieff, Who has recently returned from the Crimea, The eroy's attitude in resistrug tis.
porlaut terms imposed upon him in the Grand Visier's second letter, and in proposing to refer the whole Queation to the great Powerk It says that the Grand Fizier entirely rejects such propositions, and insiste upon the complete seceltance of tho lerms of his
scond letter. The Turnure remomens the lorte to scond letter. The Turqure remommend- ine Porte to withdraw forthwith all privileges gratitel subarquentiy ppoint Mustapha Fazyl Pasha Trorroy ${ }^{10}$ Ins stead. The Krenz Zeitun, has since matnashinal intrilizence from (onstantinoy, stating that the dilerences between the Porte and twe liecroy of Eigy have been almnst entirely arranged through the
mediation of the Great Powers, that at the present time there is but one point of disagree ment, and thant this will nrobably be conn arranced The Lerant Merald of Wernesuny, Mubl hes what ment didreosed to the Sultan. It pout reserve, all that stateaman's political and administra tive views, in which his only associate wha Aali Pasha The testement, moreover, points out the best policy to be pursued towards the great Powers (the Porte to truat especially to Englised, and recommends the amalgamation of al the races of the Turkish Enpire astioce, and the construction of rosis as the onl means of salvation
Eaypl. - The barriers against the passage of the he renvite bitur Laces having been removed, and whole extent of the caral a steamer, with M. de Lesgeps on board, has made the pasage direct and without
ChiNA.-Extensive preparationsare making at Hong Kong for the recaption of the Duke of Edinburgh nteig Roaral Highness at Yokoh Koug of the artria Embasey has opened nerotiations at Pekin for the con lusion of a traty; but is said to be annoyed at tha needless delay on the part of the Chinese authorities in arranging terms.
CaNADA-Prince Arthur visited the Ningara Fall Governor Sir Jolan Young, afterwards viatted Buiflo and dined with ex-President Fillmore. The Cunadan Parliament has been prorogued to October 11

Uritran Stapes-General Sickles has telegraphed
the Stete Dopartment that Spain respectfully
declines the mediation proffered by the United States dated Tuesday, states that in consequence of the explanations which have been exchanged between the Spanish and American Governments, the latter has declarerl that it had never had any intention of offering
to mediate in Cuba, and had been actuated solely hs to mediate in Cuba, and had been actuated soless
 rention mrt on Wednesday, end adopted resolutions in faronr of rold payment of the Debt, equalisation of and farouring the acquisition of the island when its penple should desire it. The Riliral Republicans of Governor, and a negro as Secretary of the State. The Indians of Wyoming territory are renewing hostilitles. The following is st summary of the speech delivered Summer. ns ehairman of the Massachusetts Republican

## 

 to Eaglaud, after due consideratlom of the subject, to ofror
what reparation the deemed to be proper, it remaining to Amerios to decido what reparation ohe required. The question dono; but the reply Wha, while France and Eagland allke
sinned in according belligerent rights to rebele, the damage
 dry was coming which would seo the whole land joined unde
WeSt Lndies.-Several severe shocks of earthquake occurred at St. Thomas on the 17th ult. No lives were lost, and there was no serious damage done
Hayti.-President Salnave has been shot in an assauit on Aux Cayes. He had proceeded to that place out the final arrangements for reducing it. He effected a landing, and commanded the assault in person, when, in askirmish, he received two bullet wounds in the Chest, He was immediately taken on board the sargical treatmont ; but it was believed that his wounds were mortal.
Brazils and Paragtay.-Farther details of the fightug, in Paraguay have been received. Op Aug. ic 5000 Paraguayans were defeated with a loss of 20 guns. On the lich there was another engagement, when 1600 Paraquayans were again defeated and 12 guns taken troops who were almost vithout arms, Count d'Eu pursuine him. The Paracuayans had abandoned their ast six steamers in the river Mandevira, forty-fou Brish suajects had been hoerated. Commanication Mandienza. The Provisional Government at Asanoion had declared Lopez an outlaw.

Chili and Prbv.-The fears caused by the prediction of Mr. Falk, that the west coast of South America was to los destroyen about the 1st October by some convulsion of Nature, had been raised to extreme torror by the occurrence of severe earthquakes along
the coast, which was rapidly losing its inhabitants, and business of all descriptions was at a standstill. Severe shocks liad been felt at Copiapo and at Iquique, which wondequent deseted. At Arica 40 shooks had earthquakes have been received from Tamo and Arequipa. Much apprehension was felt of the forthcoming Ist of October.

## dity 前meitigence.

Money Market, Friday - Beitish Funds Consols are $92 z$ to 93 , both for Delivery and Account;
New nad Reduced Three per Cents, 91 to $91 \frac{1}{2}$; Bank New nod Reduced Thres to $5 \%$, pma ; Jume, 7 s. to $11 s$. pm.; india Five per Cents., ziliax, $88 \frac{1}{5}$ to 84 ; Eryptian (1864), 86 to 8 i ex div Ditto (1868), 764 to 76 ; Vicaroy's Soven per Cents,
$80)^{2}$ to 81 ; Ditto Nine ner Cents 97 to 93 ; Italian,
 to $42 \frac{1}{2}$; United States 5 -20 Boads, 84 to $84 \frac{1}{2}$; Erie, 24
to $24 \frac{1}{2}$; 1llinois, 91 to 95 .

## ffetropolts and its Wicinity.

 being Michaelmas Dord May, the Livery assembled in Guida, hansuing the election of a Lord Mayor for the year ensuing The Common Hall was a very noisy one. The Lord Mayor and Alderwan Besley were both put in nomination, Alderman Wilson berng adopted as the nominal colleange for both parties. The feeling of the Livery was clearly in favour of Alderman Besley. The show of hands was largely in his favour, and at the close of the pnll for the day it was found that he bad polled 321, white only 143 voted for the Lord Mayor. On Thursday Alderman Besley not only mainfor him being 1083, against 437 for the Kord Mayor At noon jesterday Alderman Besley had polled 1202 Alderman the Lord Mayor 510 , being a mainority for retired from they of 692. The Lord Mayor afterwards tinued, as a matter of form for four dag must be continned, as a matter of form, for four days longer.Pbesentation to the Lord Mayor.-On Mon the Lord Mayor a full length portrats of himself, painted by Mr. Williams. His lordship, in acknowa magistrate, but made no allusion to the contest for
Intlanational Evhibition for 1971 - At the meemmerce, on Wednesulay, a letier waz read fromt the hat an International Exhibition will be held in Loman in $15 \% 1$
The Frankliy Expedition,-A telegram from has arrived at New Bedford, this week, from Repulse bay, after an absemce or So Jolin Franklin's King William's Land, and brinks numerous relus o he Franklin expedition. Lady Pranklin immediatel elegraphed to New lork, inguiting, "he mesage returned by Mr. Grimnell was "None"

## Cumming, i

ong letter combativg the Iroman olaims put forth in behalf of the supremacy of St. Peter. Dr. Cumming says - - It was my earnest and pure desire, as invited, to allowed to prove to the assembled counch that the dar: perdition for all who are senarated from the Church of Rome, sketched by the venerable l'ontitf in hip address to ous, is neither warranted by the Word of God nor borne out by general councils held during the first 500 years of the Christia fication by faith alone in the Keneemer's righteouscess, and the wray to Heaven-ncither Pope, prelate, nor priest, but Christ alone, open to the worst, the oldest, ad wickedest, without priesthy absoiution, or pebance or pay; and our sal vation, not by anythang done by us, azo-are clearly stated often and in various formes in that Book eshich the Church of Rome and the Protes tant Church both hold to be divine
Mr. Jefrrrgon Davis, late President of the Snuthern Confederation, left Southampton for the nited States on Saturday in the steanor Baltimore. Arrival of tie First Ted Ship.-The Ther monyite, owned by Messrs. G Thompson \& Co, he rrived off the Lizard in 88 days from Foochow, with the new season's tes, This is the quickest passage ever
made. The average is 90 do 100 days against the

THR
The Albirt Liffe OfFice:-On Saturday the directors of the Albert Life Assurance Company wer brought before Mr, K nox, at Marlborough Street, on a charge of defrauding the sharaholders by issuing false reports representing the condition of the comyan ${ }^{\text {be }}$ to
be other than it was. Mr. Straight, who appeared for be other than it was. Mr. Straight, who appeared for
the proseoutor, applied for an adjournment of the case this the magistrate refused. The case, therefore, went on, and two witnesses were called, one of whom was Mr. Iee, the leading prosecutor, who deposed that he had recentily bought in the open auction rooms 240 shares, expeoting from the reports that they. would yield him a large profit; the other being Mr. Price, the provisional iqquidator, who explained the affairs of the company, and stated that he had found in the books no was th raud ou tue part or the a the directors being admitted to bail on their own recognisances of 10 h each, leave being given to the prosecution to examine the books. The joint committees of the policy-holders appointed by the various London and provinoia Jamengs have agreed to recommend to Vice-Chanceilo Street, and Mr. A. Young, of the firm of Turquand, Youngs \& Co., as the liquidators of the company. A Youngent has ince been initiated ty the Manchester, Birmingham, and Hull committees for the appointBirmingham, and Kull committees
Thie European Assurance Socisty.-Mr. Lake, the general manager of the Buropean Assurance Society, has telegraphed to the local agents of the Society that "the petition in Chancery is most treacherons and unexpected, and that the directors are deterinined to resist to the uttermost." A numerous meeting of the shareholders was heid on Mondar a the Langham Hotel, Sir Frederic Smith, K.H., in the chair, when, after full explanations from the accountant, resolutions were passed, deprecatiog the stitempt to enforce a liquidation, sun urging the directors to oppoeat the por

Ngw Telegraph Compaty to America, prospeotus has been issued of the Grent Oceanic Tele-
graph Company (Limited), with a eapital of $600,000 \mathrm{~L}$ for a cable from Ireland to Nova Scotia direct. The proposed charge is 1s. Bd. per word, or half the rate charged br the existiog companies.
TblegrapH to tefe Scility Islandss.-A tolegraph line, in leagth 31 miles, was completed on Tuesday from the Land's End to St. Mary's, one of slippine intelligens, by Which mesns the receipt o undertiking has boen effected by a few privat aubscribers.
Trefgrapitic News Company,-A prospectus has New Company (Lic Home and Forelgn Telepraplic 4000 shares of $5 l$. each, for the colleotion and supply of news to the various Tondon and provineial news rooms, been done by the telegraph companies, but when all the telegraphs are taken over by the Post Office this department will be abandoned, the authorities, under
to the transmission af me confining the ollection and supply of news to thes accident has the AT
Atlantre Telegranh Compane at :3 communioatiou between the
interrupted by the ang

## Tire Abrssincas Er

M.P. for sutderland, and charman with Captain If caumont is last ween proposes to make further 1aqu.ry c a axpedition to Abysisia.

## metronolitan demonstration

in H3de Park on Suaday, october
Fenian political prisoners, It sons Irish member of Parlument Wis occasion, and that several other Irish tion is pronnoted by the London
and Clerkenwell Defornatic Associal,
Labourers' Society Reforn Leakura, 3
men, and strictly composed of Irivinan has heen appointed to atlend to the arr no effort is to be spared to make the de Several deputations from Ireland aro al Proposed diyision of tie hiar Jerseger - The Dean
Surres tha Dean of Guernapy, the
Olave (Southwark), Streatham
stoke, Holy Rhood (Southampton)
beneficed clergy in the diocese of 11 that as the Blshop of Winchaster has intention of resigning hirs see in mober consideration of a division of the dione consequence of the large revenues of be placed at the drspori of the Ercle completed, there zeem to be pecula add that it will be deempal sufficent present step to state that the populat prculats of Canterhury and los ion 1,267,794, spread over an area of a'bor half statute acres, and that the cumb : 0
exceeds 1000 . exceads 1000,
Propossp
 ing of the Metropolitan liord o Rulway Company to carry the Metropota street to the Mansion House, instead intended, stopping at Queen Street. Tve said that he had been consulted on the gubje. Devon and Mr. Baxter, but that lookinc Which the company had thrown in the out their works within the time oris plated, he was of oppoion that they accede to the proposition.
large numbers of passengers at a point was already congested, and that a ste 200 yards from the Mansion House hoped that the Board would not ent The company would require Parlamentary 5 go to the Mansion House, aud the conse Board alone would not enable them to carry chema. He moved that the propositi entertained. Mr. Colinson maved matt public convenience,
eneral purposes ithereserred to tue Cyrus Leege seconded the amendment, an iscussion was carried by a large ma TER WIDENiNG of Parks letter min a solicitor, stating that if the Board wonl repeal of the Act to open
would widen Park Lane a House instead, s lady,
rould contribute 50,0001 . for the purpae had no interest in the property, but Hap to preserve the ornamental par the Mairman said that the provsom out, and thercfore the nd extraorcinary one, coud arknowledgment of the
mity of its acceptance. CHE SOUTHRRN GMBANKBIE bankment had been opened. authority that this is not the case ongaged on the works a oublic one mo present date.

mational obaractor wheh was given to had ter which could tend to con han ever two great nations of England and Ithe two areat nations of England and ales. at the present time. In conclusion
bope that the course of my life, now drawing

## I cannot more strongly expresis mis

## moocured by such a noble testitno

THOET OF STEPNEY.-The Bishop of Lonpoisted the Rev. Joseph Bardsley, Secre Danska, Stepney, vacant by the death Iec.
Rarriations,-At the City Repistration Adey a point was raised before the Revisiog imed for his counting-house in Biliter ra of tro rooms, communicating interwhich he paid a rent of gis?. It was these prenises were not structurally $n$ the rest of the buildiug. A long argu-
and the barister took time to consider ssaid that about 800 other ciams necrion. At the same sitting the
ilected that a solleitor occupying without structural secupying described as a money scrivener, o be on the regster, inasmuch dictum of ang judge to say that
could bo considered a countingdhy, however, a case was brought
thord Chief Justice had in 18 in pmint in favour of tho solicitors. On nz harrister annulled his former decision, atd that he would reinsert on the lists all a wement. Mr. Gılpin, M.P., Was disallowed remises of the National Freehold
the ground that he was a trustee and the Society. In most of the MetroConts a good deal of trouble has been caused are on lhe list for fast year not being was atralion. In Fisst Surrey a dificulty mersectr put on the lists those bar ref re been on the registrar, while thas the list of such voters shall be chin the oames thus omitted, but as the Wimportant he offered to grant a caso.
 IVid, embodying the substance of Mrom Bere's tue hate inquiry into the charges against hareon. The poor-law Boardiang the final in his opinion that the charges were due to on strong opinions, and stronk bat not Hardey mas very injudicious in into d, which conveyed a different meaning The Board acquitted him ses, but did not agree with his opinion in-patients of an hospital, and all the in-patients of an hospital, and all the rere referred to the visiting commaittee Dr. Elis was then called in, and
roduring the games of guardians into medical report-book. He was also mas that the Board was very anxious or the Dr. Ellis made no reply either or the request, but simply bowed and coselion was passed, thanking Dr. and condemning Dr. Markham Poor-law e conduct, it said "towards Mr. onn profession, they denounce as of the Ponal, and deservin
Poor-law Board.
metting of GAS FROM SRWAGE.-At the the present season on Mand Board aliuded to a paracraph which had new-paper to the effect that gas was 1 India from sewage, inferring that the alaht be obtanned from metropolitian conssated mrincer jpuoned the faot that sarage contained it or os per cent of heary to would render the cost of $\rightarrow$ Board would practical utility. At the op tis experiment upon tho sabject. the Carnatic which We wre inod Capon the 12th ult, ascribes the loss of the corrent off Juhal Island, which must He tras on deck to have landed in the ship's boats all athe islands in the neighbourtood of dinamong the rooks, that while shome on mong the rocks, that a committee mep mith the request of the condtain, sep would rather remain where they

Fhere than attempt to the tshore. During the whole
 tho captais tells un that at 10 A . 4 on that day ho way ascistin; some ladies into m hos
orderly manaer, when ale "Buddenly stippod down only out of the whicr" Conceraine tis thanmer in
 were capsized in roing thoora and some of the boate Fatal Fire at Baisprate t
Moscony morning e falel expl man took place ot 69 dealer in fireworks and conifund by Mr. Tatheredge dealer in fireworks and confe thoners, whioh resulted obildren. The perions killel were three abldren five Mr. Titheredge, Mrs Jack, a lo izer, her two sona and dachoolmaster in the country, who was a parochial apend the holidaye country, haviag come to town to who is an invalid, was eeverely barnt, but Tras reactre by the next-door neighbour and taken on st In ins The house was entirely destroyed.
MURDEE IN THB Borouam.-On らindsy morning a murder and attempt at suicide was perpetratod in Littlo Sulfolk Street, Borough. A married man aamed Martini, B Spaniard, with five children, mado the Johnson, who had sepang married woman name scems that the girl wes iranafirring lipe fat niars in throat in her sleep, attempterl meffectistl'v to citt li stathon. The inguest was beld on 'rues bas, and as of murderer had suftemently rembered to anpmar fefore jolice-court. The evilnece adlamel wh hatioh the same in both rases Tho coroner' jury returne
verdict of Wilful furder, and the wazatrato esth
mited him for tral ontho anme The Public Healtir.--'Ihe IR aistrar-General' Wreekly Return statea that in tho wrek that ended on Saturday, Sent. 25,1720 birtlas and 2982 deaths were the Inited Kinglom, The anmalher larzo towns of was 24 per 1000 persons living, being 22 per 1000 in London, 19 in Eidiaburgh, 24 in Dublin, 21 in Bristol,
 86 in Hull, and 24 in Newn indiord, 28 in Leed Paris the annual rate, in tho samo wel-
1000. In London the births of 1144 boys and 1108 girls, in all 2252 ohildran, were registered in tho
of population, was 2110. The denths registered in Wondon during the weot wore naes number for Week, correobed for inoresge of population The present return it therefore 80 bbove the estimated amount.

## 73robencial.

ATHERSTONE-At the Warwick Assizes in March last Michael Adkins, a miner, was sentenced to deat near this town, A petition praying for a respite of the capital sentence was presented, and on the eve of his execution the prisoner was respited during her Ma jexty's pleasure. The governor of Warwick Gal has jesty's pleasure. Cme governor of warwice Gatary of State, commuting the sentence of death to 12 montas imprisonment, with hard labour, from the date of the conviction.
BtrMisc

BTRMINGFAM.-On Monday evening Mr. C. Dickens delivered the insugural address at the opening of the Finter session of the Birmingham and ridland Institutes in the Town Hall. The hall, which is oapable of containing 8000 persons, was densely thronged, the majority of the audience being ladies Mr. Dickens, on taking his sent on the platform at elght o'clock, was loudly cheered. In the course of his addres he dwelt in eloquent terms on the advantages which had been conferred by the institution, reforring to by its pupils. He exhorted the students to have the courage to be ipnorant of a grest number of things, in order that they misht avoli the calamity
ignorant of everything; adding that such imagination sand invention as he happenel to possess woud neve have served him as thoy had dono had they not been drudeing attenfion a thanks to Mr. Dickens, moved by Mr. Dixon, M.P., having boen unamimous? passed, Mr. Dickens, in reply, said that he would tak that opportualty of dischsrgang himself of his whol political crecd, which Was that his frith in the people governing was infinitesim
BRISTOL. The 13th annual raeoting of the Nationa Association for the Promotion of Social Science Wa opened in this city on Wednesdey, under the pre continued until the Gth inst. The Bishop of Glouceste and Bristol preached the openins semmon in the Cathodral, after which Sir S. Northoote delivered his inaugural address, in which he dilated on the improvement of the law, the promotion of nationsl education said, on the rimht method of doing which the public mind was not made up, and on whioh public opinion Fas apt to be largen Thursday the Congress divided
itmelf into four dopertmonts, is ouch of which repocin quoshons were brought fortrand for dimoumatoa, intro-
duod by papera belocted for the purpon br the counoll Tha firm department-J for the purpone to the Counod. of the Low-wat under then preadet. I
 section on the reformatory question, ire tat ifel lis department, was presided over by the Rov. Cmoon King- i, and dealt with the various quenthomi reletug clasom of mociety. The third, of benallu depmement ander Dr. 3. A. Symonds, Fas devoted to the varions ciestions relating to the publio benlla. The fourth cepartment related to economy ned trada send wam
pretided over by the Right Hon. S. Cure, M.P. Excursione heve been planaed fo the Brimtol trininim. ship, the chffand oaverns of Cheddar, the Wyndolit ad Tintern Abbey
Whittle, axed 4n, Saturday a man namel Henry Whittie, aged 48, Weaver at Westhmantron, fire milet from this town, murdered his daughter-in-Iaw, Fitho hatonot, sta dhen oul his ofra throak. II h had boen Falks, and the house of his won, soolfior, 44 ("hamel enr's Des, he hed frequenty of the hlter on bew son and his daughter-jn-l told himed to soek marder thons. They had onnsoquently murdersd the woman in his eon's sberence in revenge he mitted auicide. Ho bore a bad charecter in then villare and had been sont to prison characher in the willase from whom ho had lived apart for meveral yonera it the inquest on Tucaday the jury roturned verdict that Elian Whitto was mumered by ber falber-indict Incary Whittle, and that the lothot entherwardi com-

ExETEE-Oa Friday the remaine of the Bishop of Exeter wers interred by the stio of nin wife, in the Morcayand of st, Mery' Church, netr Porquay.
Upwards of 150 of the clergy of tho dweeme, boxden soveral thousand spectatorn, were presant. The cero mony was performed by the Dean of Exeter, end the uneral was of a very simple character. Tha collin we borne to the grave on the ahouldera of six ord men, who Phillpotts wa employ of the lete prelate. Arohdescon panied by his brothers and sistenar, and other mambera

Hobnslow. - On Saturday aftemoon Willidn mith whs brought betore tho magistraten, at pett it appeared that, Who tho wiful murder of his wife for eeverai weeks in mearch of work, and that durjag his absence his wifo hariben carrsing on en intrigue When ho returnod he fortad bis wifo drinking with
he followed, and struck her on the haed with somo heavy weapon. She fell to the foot of the atairs, and when picked up was found to be dead. The prisoner then ran out of the house, but was afterwards captured for trial for Wilful Marder, and expreteed themselves with great esverity against the daceased's sister and her husband, who allowed the dead body to lie st the foot of the stsirs for three hours without sending for either doctor or a policeman, while they went on draming beer and serving their customers 88 if nothing had rom the At the inquest on thead to speared rom the sedical eridence thet ine injory to the gktil Ultimately the jury returned n verdiot of manslaughter against William Smith under oiroumskanof great provocation."

Jedsex.-Considerable oxcitoment has been onamad in this island by the prediction of a prest tidal wave or the 6th inst. Numhere have prepared to leave the apma to avold the threatened ostastrophe. the military authorities, who felt anxious sbout the afety of the troops occunying Elizebeth Cagtle, Which tands many feet sbove hish-water mark. $a$ communication made to the Board of Trade for informafion on the matter, was forwarded to the Meteornlogical Jeraey that no danger need be apprehended, as there ras no reason to believe that tbo tidal wave would attain a greater height than a few feet sbove the ordinary spring tides. The Lieutenant Governor caused the communication to be published, which had 2. som
public.

Kingston,-The Home Secretary hes granted a full pantan to Arohibald Brown, who whemtenced at the opplisk asizet in 1868 , to five yearg pepal servitude for forgery. The prisoner, who was only 16 years of age, was the soa of a deceased fertieman atiNumwa, and by merns of forged cheques obtained a considerabie suca money from Meara S.urubsolo's bank in tha town. the condition of the pardon ts that the prisoner shal mmediately quit Eagiand, and renmia abrond durnas the remainder of the five ye日rs.
LEDSTAM,-On Monday week, aftor a barrest thanksgiviag at the parish clutuch, a man namied Lichard Kellett, foremen to Mr. Morrett, $s$ farmer in this place, was attacked with such violence by s number of Irish jabourers or harvesters, that he wis found dead in a footpath of the rosd leadins from Lrensham to Leerfe. Three Irishmen were taken into custody on guspicmon of being concerned in the outrage. Tio ury, however, st the inquest on tuesday, retrined a verdiat of Wilful Sinrder sgainst some person persons uncnown.
Lexps. - An inquest was held at the Tawn IIsil on Monday on the body of Priscilla Sunter, the wile of s miner and beer-houge keeper at Whitkirk, nesr this

## THE GARDENERS' CHRONTCLE AND AGRICUITURAL GAZETTR

town. The deceased had only been married to the l countries, I have been for some time on the Continent, and I prisoner about two years, and had been so systematically house andil-used that ghe had been oblixed to leare his house on several occastons, and in one instance appesied Was sent for three months to prison. Numerous wit nesses Wero called to testify to the complaints the her husband, and the jury having returned a verdict of Wilful Murder against him, he was committed for Wrini at the assizes.
Liffratout.-()n Tueaday, in the large hall of St.
Livfremof.-(On Tueaday, in the large hall of St.
Georges Hall, the Mryor maumurated a statue of the Earl of Derby, excouted by Mr. Treed, at a cost of
luthl, for the Corpration, as macknowledgment of
 The statue is of herol ; sie, execute in Carraramarble, Mayor also unveiled a statue of Mr. Joseph Mayer, of Liverpool, whioh has been executed for the Corporation in Carrara marble by Fontana, and placod in the hall in conmemoration of Mr. Mayer's gift of his valuable

Pos ryprinp-i conference of miners was held in this toun on tho litu ult., and was dully attended by
delegates froms Glamorgan and Monmouth. Mr. Pickard, agent for the South Lanceshire Miners' Union, urged the formation of a union for the defence of the miners' interests. He said that what was wanted was an understanding between masters and their men. Compettion was now so great that the interests of tho working man were thrown aside. A compulsory mines inspection now was needed, and an extension of the provision of the Factory and Workshops Regulations Act should be made applicable to the children of the miners. The only efrectusl way obtaining these things was by conbination asion to combine, and a umo was then formed and an executive appointed.
STaLEYBKIDGF.- At the laquest on the bodies of Micklehurst last treek, the jury found ound dead at death of the woman, a verdet of Wilful Murder against James Schofield; and with regard to the latter Watpord.-The Earl of Clarendon, Minister of Forengn Affaira, was present on Monday at the annual dinner of the West Hertfordshire Agricultural Association, and spoke as follows on the Irish land question, and the brospects of peace -
"'Thero is coming on a great occasion on which the two quention of the teture of lan 1 an treland is a momentons, party quostion by way of mojiffitag opposition. The party
that in power alwayb preachos to tho party out of jower
moderation and not to be factious. That is a very old aystom moderstion and not to be factious, That is a very old aystom, is not a party quastion, because ench succoselve Government,
 calm moderation, should not unite togethar tu produce a evil withat aramely; ; ind theronroevils connected with the

 and moro especiully when the quastion is the ipplication of
them to Irelina. Yorz will nit crpect tos learn from mo what courae tho Govemment intend told yoursie, and, indeed, I think there wha a Bull reads, yoz wotld receive the anformation that in the tw, mominathefartion, becalse you would feel gura data necersary for the form ati in if of a jution, of statistica, and ch, alread yit would be crudo and imperfect Jut, although I with they will not do. They will not adopt any of those fild and gubversiverchemes of which wot havo heard so much during the forward. They, cast ro blime enongh, may bellese who bring the themang they are enemies of equitable settlement, which is the only


hivdson -The Prince of Wales has intimated his In making thronah Lord Brid ant this announcement to the farmers in the neighbourhood,
grounts the harriers have principally hunted, his Royal courtery they have always shown him, as well as for
 period by permatting the hounda to bunt ofer their land.

## Ireland.

TתE, LORDG OF THE ADMIRALTY AND THR LORDIFHTFYANT AT Conk -Tbe Cuannel fleet with tho Monday. They had weathered the pale, but the Northumberland lost two men overbotrd. The LordLieutenant also arrived at Cork on Monday, and was cordially received. The Corporation presented an his F praying for tho release of the Fealans, to which consideration from the Government. The Lord-Lieuteaant then drove to Fota, the residence of Mr. Smith Barry, M P., where be remained on a visit during his stay in Cork. On Tuesary the Cork Farmers' Club presented an address to the Lord-Lieutenants praying or the release of the Fenian prisoners, and also for agisiation on the land question, which, whie securing a live on their farms and not compel thom to emigrate In the evening the Corporation entertained his axcelleney at a banquet, at whicls he spoke of the ritities on Cork country's resources they should depend less on the expenditure of the puonc money than on Eelif-reliance. Relative to tho Fenian conspracy, and replying to amnesty addresses, his Escellency said their grievances Parliament. During the diy a deputation of the Queenstown Town Commissioners wasted on the Lords of the Admiralty, and presented an address, urging the speedy completion of the docks. Mr. Childers replied that the Goverament had spent the full proportion of Dock aggrepate estimate for such works on Hau with the Mayor, visited the Exchange. His Excelency acoompanied by Countess Spencer, the Mayor, and others, then went down the river and inaugurated the naval iven by tho Lords of the idmuralty on board the गr
The Maratis of Hartington on the Land , At the dianer of the Lismore Farming presided, spoke on the land question. He said.- Who presided, spoke on the iand question. He saidi
"While carefnily disclaiming any intention of spoaking for
he Government, tenant-farmers shonld Iouk at the question not only from their own point of news, but from that of lur 1
lorda, labourers, and the general public. Englishmen would never conent to deprive, withot atdequato e mpensition, palpably misused. Tepsnt farmers should be preparen tis how how they propose to compensate landurda or guard then
ights. Parliament wrould not legislate on the question unless rights. Parliament would not legislate onthe question unless would is farmers, who should show that the legislstion proposed pinlic intereat that land shnild be most effectively cultivated, and farmers solvent, and farmers should sb, w that under tho mrelu as under the locat system of agriculture. If firmers dud not viow the question thus, they whuld find by bittor experi ace that Pirliamont would be less di
Cardinal Cullen on The Land Question. Cardinal Cullen arrived at Wrexford on T'uesday, and was presented with several addresses. In replying to ne he said

- By remaining united, by so moderating our demanda that, fonnded on juatice, and not interfering whth the legitimate
rights of any elurs, they may tend to the well-berug of the State, we may rest assured that the day is not far distant When the industrious tenant may enjoy in undirturbad tranparent hove the means of educating his children nccording to the teaching of his own Church, without sending thern to dangers of trabibing perniciots docinines.
Tile Land Question.-A meeting, attended by onm persons, wis held on Hednesday in the SLarket Rev. Dr. O'Conoor, C.C., presided question. The speecbes wore delivered by Dean O'Brien and Mr. Butt. An address to the peoplo Was adopted, de nouncing landlord power of evintion as fatal to the peace of the country, and destructive to property; per petuating war of classes; admittiog landlords' right to increased rent when the circumstances of the country ester by tho on all orass to join in gn effort to emancipate the people from the slavery of the present land tenure.
ThF ATtEMPTED MURDER OF CAPTAIN LambRET. The Lord Chief Justice on Monday opened the special commission at Gasray for the trial of Barrett, charged With the attempt to murder Captain Lambert. The were wam greatly thronged, Upwards of 200 juror rrand jury, said he believed that this and all similar outrages originated from an agrarian spirit, and that the
land free of rent. He counsellat tio dismayed, but to remai protection by Government. prisoner, but the challenge arry We lnnadyegilenen wh trem
Barrett rearlicd A:henry aris,
being reralled, suberta grono
fired at. L'the Sol witne-fanar
fe jury being disclinger
for accuater berkel u
was adjourned $\{\rightarrow$ the for 1 ors.
will agan be put on liss tria
one who dissented
pelted with stones. II
Mr. Jankson seas afterwarla
the police with fixed barones.
with stones. Nobody was ir ear
town was quict. Captain Ireal
guarded durian the trial by alms
THE FeNiAN PRISONRBe hat
meeting was held at
nesty for the Fenian
meaditary array to the
green sash or rosette
greasided, aud there were
platform, including ex-Masor
lutions, which were of the us 19
unanımoualy. A similur mecting ks at Inchicore, near Dublin Aheat 1 of bands, and followed by latien man named Thurlow orcupej M'Kera M'Kenna, of the Northern Ntar
Irishman: Mr. J. Ketly, barriter Erishman - Mr. J. Keily, barrister releare of the prisone
Abstinence Society, which recr lat. 5 tr Feniara prisoners, rceeved a fucter stone's private se retary, and eneagtng on Mr. (rlata
her Minesty. Altnougla Mr pledge the Government folt bound in justres to re had appromohed the tha judgment which
the persons now in confinement,


## Scotiano.

The Lord Jestuce Clerk.-All d worgt apprehensions bave been realo body was found on Friday little below the Bridge a it would be found. The body of a creeper, which had cauplit right haud. of the deceased, showing that he nal own arka. The
House.
The Cotrt of Session.- If Jonn vocate, has been appointed to tho o Clerk of Scotland,
Resignation of Biserop Tera)
of Edinburgh (Dr. Terrott) has re gu of Edinburgh. (Dr. Terrott) has re-
election of his successor must tak

## weeks.

THE Wallace Montment ult. the national monument erected on the Abbey Craus, ne Provost magistrates, and Tow the future custoduans of the s sion fronistios and Exchnage Wallace Street and Stirang where they met the mon in the mony was per the pre Lord Jerviswoode secretary, read a report, whicli the foundation-stone was lad after many dificultres had been had at last been comple

## leaving

Thtimate of the

## said:- We have

carry out our countrym
share to the long-berge
of Scotsmen to erect a
dence-Williarn Wrallace
Dreghorn, a committee
remainin
ment. Lord Jerviswoode.
, MEA rosont, magistrates, and council,
Profori liankin, in the name of ani council, exprassed the rreat an henoming the chitodians of the te metion of aiven to Lord JervisZ: th aremony. A pubhe dinuer 3.a the I yal Hotel, Stirling, when, Chym $12-\mathrm{m}$. The monument
 $\Rightarrow$ : pare, the rralls being 18 feet an feol thick at the thinnest part. tiven culutsard from the min beat! ther zatemay is the Wallace arma, leads to several spacious and lofty the for display of armour and other sec $r$ num, upwards of 70 feot high, forms the

$$
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$$

Eportín
+htllinl: AlIUMN MEETING - ad. Grand Duke Michael Stales.-Bir J


 1. $\rightarrow$ Ackinhas Staces.-Iord Falmonithis
tampare Normanby. Hopetel Sete... $=$ fory Thic laird












 Meph.-3ir. Pryor's Governeess colt beat Bquib,


 thewiome Bucoph--Miforon walled over:

## Gbtuarn.

- P \& Crant Parron, Iord Justice-Clerk of Scot-
 : We he proceeded to (txforduczted nt the
 - Mrritw fot it wus not tull 1958 that ho
 Tht in the Bener, an i in 1866 , on the
H wall, Ent Derly arpointed Mr. Patton,



Z ihe taking of uvidence lyy the Court of Session
Id of RIEB the Lord Presidont $M$ Neill was
Ir Inglik, then Lord Justice-Clerik, was
NT: Presidegt of the gecond court at tho
In this position his urbaity and
$i=0$ is the ar met la the jonnger members of the bar

 t of bis brother, flenalmond, the name of ant hor his title as a L Lord of Beasion. About th, Hom he wa much attached, and was also He suatemons to exppear hefore the ComInn for that borough his mind sypears
 .exatetee hy hin own hand.
41 Trek one af the seanatore of the College of $\because 1$ - ve ytars anday. His lordahip retirod I. Me years ako, and for two or three years

Nin Ad Adrew's University, finighing his




 divition, ollod duddealy on the sith ule of chotera, troumbt ol





 and on hite retura to Indie was appuinted io tho mommang


 to duty, wado of the nobio oxmaple which ich mot to dill thone alokneasand anxiety.
 at Aboulse and the bettio \& $A$ Was killod Ho afterwards morrod throurt tho Poningular War, and was provent at the metton on tho Coa, at Fruantar
 Aksiatant Qunrtormatior-General at the bettlo of Watarloo, tho army. Ho marriod in 1818 the nocond durugher of tho Rov. T. de Burg, oy whom ho had E doughter, who diod in and Mro John Jonop, both of whom ourtivo hime

 sequant campelgns in the Peninmula, including the purnut of Sebugh, the battlo of Ficmeter dymor, the second 1 slego Badijna, the getion at El Balon, the sheze whil capture ch ho was woundord the battles of kalasisulen, IIttaris, I'ampe.
 ectiona at Vie Bigorre, Tarbes, and Masparits, the lattla Toulouse, and other minoor sfitars. He Rome inftrwar in in the Amerioan war, and whe presont in tho metion of Plutis was placed on hall-pay in 1830. In 1835 ho was appointod in captaim of in
sioce. $\mathrm{Ho}_{0}$ wer duche at
sarde. Whero he tool hit $B, \Delta$. dogree in 180日. He wa Churab, was nominatod in 1814 by tbo Duleo of Rutland to the time of his death. In 1854 he wan zominintod hy Bistinp Hesya to an honneary canonry in Poterborough Cathedruf.
He wis tho authur of a well-known edition of tho (Grect 1 eatiment
 Ilamwell c.llece, and letely obapphin of tho Galignamil Hos
 ments, and had devoted much time and attertion to the subject of international eduention.
 on the Rhine, a few daga ago. He was boro in 17el, and wat educsted at Balleal callege, oxi-ril, whiens he unik his of A .
 Querele, and in lkid was olentes preatice of t.atouln's 1 nn , wheris be bel. until 1559 . In $15 \% 1$ the wasappointed by $t$,
 fins been rop resident, an $\ddagger$ bas act
Bonn. Mr Anderson Nise the anthor of "The History of the of the lirithisk Emplta." tead. He was born at Wakofeld in 1800 , nnd wat the nuthor of "The Natural Evidences of a Pyture 1 Mffe," "Phillowophical Conversations," "Electric Science," and other warkb.

Wriss.-The will of Lord Tantion han been sworn unler 100,000. permonaity; Mi David Nued, bate sil. for CBT marthen, $00,000 \mathrm{~L}$, Warnford court ntoce sid hinotrakt,
 the Elmis, Upper Tooting marquee. tent, rickel the an 3 improved tarpauling manulaoturar, 120,000

## Harkets

HAX - Per Load of 30 Trugse
Surrmonew, Thuraday, Bopt so
Trade frme. Eupply abort

Frime Mcadow Has gnsto gos $\mid$ Morer, old .. ..12natol $3 \Omega_{3}$ | Inferior do. | .. | $\because$ | 00 |
| :--- | :--- | :--- | :--- |
| New do. Intime new Clöer... | .. | - | - |



Cunctacand Marcter, Thanday, Eaphe 30.
Sup. Meadow Hay 90, toloon Infector Clover . 100 etoll5s
 COVENT GARDEN.-Oct.
Btock: have acenmilate! to a great extent, and a thin attendance of busers renders it necensary to foreo tho traslo,
 1. per lu Pears comprise the sorta namen last week


ty plen, p. idem, in to fo 0
 V.FTALILA

## 




 Caulfturerk p doan, i.ed to ininueras acith tid to is

 Rume per butroh, 20 to ca
 - Miutm do Ron to 1 ge



Leadenhall mot lituy, ce

Thurkoy
Turkey puilitan
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Duck It
Burroy Yowlicoup
Do otink Bhat Finglahit hemem
Hent Em,





MFTRAPOITTAC MEAT MAURI
fient Freala Mitter
ima per doseo sh


## metmopolitan cattle marhit.


 lower. The trade io very much worte for Celves. A fow

 from the ititiand and Home countion.

\section*{ <br>  <br> Hailitroce <br> $0-54 |$| Calve |
| :--- |}

$8_{8}{ }^{8}$
 TBuempar, Eleph 50.
Athough the number of Beete fo very much omelter then on hat Thurades, it to otill greettr in excoent of the domant terms. The athely of shosp is morth but guite squal to the demmen; indeod, a clearince anniot bo afiectod. Tmide heary for Calves. Our forcign supply oondeth of 090 Bmate 2210 Sheop , and 202 Calree
Bont Scota, ITero-
Best Imp. woole
ino.
Fborn
4 d 知 5
Beat shurthoms
Beqt Tuwha and

Beasta, 950 ; sheerp and Lambs, 5527, Calres, $\ddot{27}$; ; Piges 5.

## MARE LANE.-Moviat, fiept

Thiore wan onls a montemte muprly of Fingltash Whent to tht mornligs market, and the aijes made were at a reluction of
 small, at 18. per qr decline on the week Barley of all dewerip tions was meady in price, but a wive male lboans and lpon were dull of nale, at a decthe of is per hack for counh marke, and of pre lamrel. New Mustard seed sold at 12a, th 12s. © \& per burhal, mocording to con ituon


## 

## 

8

- Talavera. rana..

Rod.

$8.1=$



 Flour, bentmarks dellvered pernack 43-6;
 Frinat, not 1
MHers and dealars expecthir s further reduction of Wheat ithe enngumptiont the trado bsa been dull, and where walcs Fere forcert $a$ redictisn of is. per fr. inf oft ant is an mirted to, bit durag tho lint day ar two. has beer aluo
 deacriptions has given way, but the reduction hus been small.

THE GAPDENERS' CHRONICLE AND dGRICULTLRAL GADYTTE
and hardly in any caso more than about bi. per qr. on Rarley, geverat markets. Flour was much neglected, and 1s. por
 grain and seed-laden vessels havo arrived off the const, which, with those left over from last waek, there remained for sale last night 82 cargoes. The floating trade, owing to the increascd supply, showed depression during the preceding
week, and arrivet Wheat, sold at Is, to 2 se . per qry Iess money, Maize was abuat $C$ I to is per qre che sper Barley aquiat
 done, and prices remann mominal. Paris, sept an, - wult trato
 The arritaly of all descriptions of Encliqh grain this week have hocn small, and uf fureign to a fair crtent Thbere was
a very poor attendince at this monning's market, and scarcely
 hate to bo sulutted to With the exception of prime
 an. to 18 , per itr. less moneyo arrivais.

 of buyers in the limited business passing. From abroad tho imports into Liverpool bavo again Decn large and Indian Corb, and fair of Beans. From lreland the this mornfng English Whent met a slow ealc, at a declino of The demand for Flour was limited, at a reduction of od, and 1s. per sack. Unt reeeded 1d. to 2d. per $45 \mathrm{lb}_{\mathrm{r}}$ Egyptian averages.

|  | Wheat. | Barleg. | Onts. |
| :---: | :---: | :---: | :---: |
| Aug. $21 .$. | 5:3 1d | 33 sid | 26838 |
| Sept. ${ }^{28}$ | ${ }_{51}^{54} 12$ | 32 36 88 | 26 28 28 |
| - 11. | 4910 | 3510 | 2511 |
| - 18. | 50 | $3{ }^{3} 3$ | 255 , |
| - 25. | 308 | 373 | 256 , |
| Average | 51 | 36 |  | SEED MARKET,

Tho seed trade stil rules very quitet, excepting for those fow kinde required for present use. Winter Tares are in fair demand at high rateg. For Trifolium incarnatum stanll Canary peed. owing to the norivals of new forelgn, is a little ensider. Of Hemp peed the atocks are now quite exnaustod in supply of yeuw Dutch will, how ever, bow on the markeet in the
 Tares. Forigign Lingeed sells stcadily, without chacge in trluc. New French Italian is in fair requesto Muutarid, tlon. New garden Peas and Beans aze now beginning to come to market.

Joby Seaw e Bore, 18, Wates Lame, B.C. ENGLISH WOOL
We wrices
Current Pricts of Enollsi Wool. per lb.-s. CLEECEB-Sonthdown hoggets

Hall-bred ditto
Kent Fleeces
Southdown eves and wethers
Onts-Clothing
$\underset{\substack{\text { Mr. T. } \\ \text { ahortiy }}}{\text { WI }}$
ILLIAM ROLLISSON AND BONS beg to inform tho Noblithy Gentry and the Trado that teg toy to engaged

WANTML, in one of the first Seed Housee in Germany


WANTED, ${ }^{\text {a }}$ General Out-of-Door NURSERY


South Fetropolitan Dintico scoool, sution, surrey THE MANAGELRS Yequre the serizes of a WORKIntruet to Agricolture, do, all spech Boys as under Cultivation, ${ }^{2}$
 yoed apply whose character and floese for tho otice will not bear

 By ordor or the Maragend
WANTED, ${ }^{a}$ WORKING GARDENEK, Who



W ANTED, \& young single Man, as ROSE GLLOWER

M PSils, VEITCE AND SUNS REQUIRE an active
 preferred romain two or throe yars on a risfag sotio of whae

W ANTED, in a London Nursery, an active YOUNG todge of Plantr, tis ho will be requited to Colisat Orderag and Wait unon Company A Aod Salesman Indispeasable - Apply, in own
handwriting to B. W ANTED, an ASSISTANT, in a Provincial Seed
 W ANTED, 30 miles from London, a MAN and or in the House. Mat to be able to Dryva, ayd to tnike obargo of a
 W ANIED, in October, in the neighbourhood


WANT PLAOES.-Letters to be Post Paid.
T XPERIENCED GARDENERS (or as GARDENER


VTM. CUTBUSER AND SUN Ger Gardeners.
M M. CU'TBUSH AND SUN bey to state that they Whose chatacters mill bear the strictost inquiry. Any Genilemani
 aelected-Highgata
$\mathrm{M}^{\mathrm{R}}$. WMr. PABernents by begs to announce that he has madee Curnish Griagerments by whion ho whil bo Annbied in future to GARDENERS, nid GARDENERS and BALLIFFS, of various

To Clardeners and Balllfs (Head, Foremen, or Under)
$J$ AMES CAR'TER AND CO. having many aphlications


 (TARDENER (HEAD)- Agc 38, married, without

(TARDENEL (HzAD), age 33--A Gentleman leaving

( $x^{\text {ARLDENER }}$ (HRAD) - Age 38, married ; thoroughly
Fr practical in orery dopartonent, Good Grape Grawer, and Stock, nud the generan ork of an Etrate Cin bu higbly rocom-


( ${ }^{1}$ hinever (


( ARDENER Noblemen and Gentlemen.
required-A (HBAD), where trust and confidence are Forcing in all ths branches gnd the general routine of an latgo


To Noblemen and Gentlemen.
C ARDENER (HEAD).-Middle-aged, Married, no branothes, and perfectiy capable of undertaking the trost reponsible


GARDENER (LBADD), age 28 , married.-W. Houke,
 mend to any Nobieman or Gentleman requiring the serrices of a thoroughlF practical, trustworthy, emergotic, zeady Gardencr, A

Aceepted. -Mr. MO
CARDENER (HFAN, WORKNG). - Age 40, marricd, In incumbrance; thoroughly practicil hoth in Eariy nad late
( ${ }^{\text {ARDENEK }}$ (Hzad, Working),-Age 25, no in-
 Unexceptlonable eharacter.-J. M., Fost Oflce, Sponidon, near DerDy: GARDENBR (Single-Fanded), or Head, where two



CARDENER (UNDER)-Age 20; used to Outdoor and
TIndnor Work in a dentionat' Garden. TTo veara' reference.
GARDENER (Unmer), -Age 21 five vears exprii-
near Chorley, Lencasefira
DROPAGATOR, of FOREMAN and PROPAGATOR.
 atso Budder nd orniter
PROPAGA'TOR, \&C. -Has had much experience in

DLANT GRUWER, in a Nobleman's or Gentlem'n's

IU NiRSEKYVEA and GABJWENERS. - The

## M ANAGER - Tho Nurterymer ec




[^61]
 F ARM BAILIFF,-Age 34, marned;



## SALESMAN, To Seed and Corn Demine

 MASAGER' of A smil cmeran thi Warehouseman or shopyak.
SHOPMAN.-THOMts Robrateit

$\mathrm{SHOPMAN}$, To the Beed ABSIS


## GHOPMAN (ASSTSTANT) Beed Trade


SHOPMLAN (ABsisTANT), or CLBRLT-
 Wood, Coldatream, N.B.


## CLERK, or CLERK and THAVELTM-

 referemben.
 TI ORSEMAN (SECOND), or STUD GROOL, Mnyried Man of high rusputation for remperill abore. Weigh
London, S.
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WHEN the HAII, through weaknem, ty


 D INNEEORD'S FLUID ILGLE for dellicate
roud Infant

DINNEFORD ATD Co, 17n, Nox Bnad Stere CORNS and BUNIUNS.- I Ginntemsn,



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## COCKLE'S ANTIBILI <br> Family aperient <br>  <br> CUCKLE'S ANTIBILIOC une the late 69 ye INDIGESTIO <br>  <br> COCKLE'S ANTIBILIOC

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## COCKLE'S ANTIBIST





## Gardenteg Chromicle stwgyaper

RTERL<br>DA, October 18 No. 25 ovezsts

als. LONDON.<br>

## WH C W\&EHYATYYE POLICY <br> Agricultural Newspaner 1 at, .8 the It $h$ F dullidst information oon- is, moreover, tha scead. Published erer

1 K of YINE and FRUIT TREE
 1 M


stanime th the "Journal of Hortlculture"
1R, UT ROSNS I10W to GROW and
Pe To. Gr, . Author of " $A$
4.5: Georgo Straet, Fidia

C'AL FARM ACCOUNT BOOKS. on, Luphentioy, Reading A.tion, much enlarged, with Forty Engravings

SPRENG on the SEORES of the The SEORES of the
Rivlera, Mentone Italy,
Matritz, na Winter Cimances,

S-1 Jon Lot of ENGKA VINGS and wi ted for Framing, Screens, Rotailing, de


## HUILL, 162 and 1 uib. Ntrant, adjoining


TEDERA LIFE ASST DATO
TRUSTEES
LORA Chancelior.
$\neq$
Lord Cairns.
Whoril. Cinlef, lustice, C.I
Eiward Vaughan Wilisans.
Esp, 9.0

##   <br> 

 TLr further guamintee of a fullySpranted for a alngle extra payment
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aring oxta charge for foretgalicense, allow
the total Profts divisible weery five years
A valunble provsion for Polictes becoming
 from al. L.abtithy to future guention.
LIEE - ASSTR ANuary ad hannfer.
assurance
SOCLETY,

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## to receive appllcations" for Agencies

ALLAS CURTIS, Actuary and Secratary.
TPANANT, F.G.S., will DELIVEB a


 Mliztrated Private a Inatruction in

## 解ome Nems.

ris Sroutland.-On Wednesday, the Tlaeen drove to the Glassalt Shiel with crope out wincess Beatrice. On the 30th
Trer Prince and Princess bar Pogal Mighnesses aiterwards left the visit to tho Duke and th On Friday, the lst inst, her and Princess Beatrice drove to The Lnrd Chancellor arrived as
 Bentrice, drove to the Glasall
 to her Majesty. Sal Sundas alars, arised ou a vant by the Princes lemasa. Prime letent, and pronel Beatrice, attended bivine serrice at Crathe Thasias ciated. On Monday the (quitan, acempmated by lirnee Leppold, the l'rances fusust ac, and l'rur bus Imela Quach. Prace dugutus Lamm of lear and lima of Coburg went out deer-maikin, $r$ Whllana Jeaneof Wales dined mits ber Ma Masts (isate. The Prinee Quepn, accompan ed by Pruse mil pr, mess lusuathof Sare-Coburg drore to the Gilasall shiel. I'rnee afterwards to Sir James. Roplertson at Indigo, ani Monday the Queen held a Priry Council at Balmora! The Prisce and Pbincess of Wales drove out Prince left London by the On Sunday evening the Iis lioy al liziznens breatimited mail for seotland. at tho reneral refreslimeat roun at mornin and proceeded thence to Aberdecn. Sime of the carraves in the tram by which hats Rot of the rals Monness about a quarter of a mule, when they toak the rat again, so that no delay wes caused. Some of tho passengers are said to have been a good deal shaken Aberdeen was reached in safety, and, after a slay uf about a quarter of an hour, lus Royal Highness proceeded up Jencide by spectal tran for Abergeldie. (on Slonday the Pricucess drove out, and visited the Duchess her Royal Higliness went to palace. In the evening Weduesday tho lrmenes, with Prince Albert Vietor, Prince George, Princess Louisa, and I'rincess Victorin, left Marlborough Houso for Chismick.
Pbince anid Princesa Chbistian are nt present Castle, Dumfriesshire of Buccleuch, at Drumanarig Prince went out shooting with the wisitors way the staying with his Grace. Thoir royal highnesses on Monday will leave for Keir House, on a visit to Sir Wifliay Stirling Maxwell.
The Peebacis.- A pecrago has been offered by Mr
 of clverpool, ho coptested soruh Hiscashire Liberal commiteo at the last election, but the offer has been dechned.
THE BISHopric of Winemister.--It isannmuncerd
 will bot bo formally tran-lateal
his olergy and to visit most of the provimaial towns in his diocese before bidding them rarewel
The Bishopric of Oxford, which will become vacant by the transtation of Dr. Wiberiorce to the see of Winchester, has been conferred on the Rev. Jntan Fiedder Markaruess, $\begin{aligned} & \text { bendary of Exeter, and of Merton College, Oxford; a }\end{aligned}$ brother-in-law of Sir John Duke Coleridge, the Church party, nad is said to be an excellent preacher.
The lishopric of 1 ithi and Welis, vacant by the resignation of Lord Auckland, has been conferred on the Ven. Lord Arthur Hervey, rector of Ickworth with Horningsheath, and Archdeacon of Sudburs. His lordship is the author of several theological works, and is generally regarded as a liberal and moderate clergyman of the Low Church school.
The Bishopaic of Exeter, varant by the death
of Dr. Phrllpotts, has been conferred on the Rev. Dr Temple, Head Master of Rugby School, one of her Majesty's Chaplains, and the author of the introductory essay in the two celebrated volumes of "Esoays and Reviews," and more recently of some "Sermons, preached in the chapel at kugo
The Bishopric of Carlisle.-It is stated that the bishopric of Carlsle has been offered to Archdescon Durnford, Archdeacon and Canon of Manchester, and Rector of Middeton, Lancsshire.
The Vacant Lord Jesticesirip. - It is understood that Vice-Chancellor James will be appointed successor of the late Liord Justice Selwyn as one of the Lords Justices of Appeal in Chanoery

The Command-in-Chife in Impia.- It has been announced that Lord Napier of Magdala will succeed Sir Indzermat have sisked Sir. TV. Mansfield to retain his office for another year.
Scottise Law Appointarnts. - Mr. Moncrief the Lord-Advocate, has been appointed Lord JusticeClerk, in the room of the late Sr. Patlon, anotland has been appointed to succeed him as Lord-Advocate Another racancy has occurred on the Scotch bench Another vacancy has occurred of Lord Maner.
Parlitamentary Movesfents.-The Cazeflp of last mutht contained a proclanation further proroyun Parliament till December an Macclesfield on Wed 1or East Ches. nesday, when were prone the former in the Conservative, the were proposed, the intmer latter in the Liberal interest. The show of haods was latter in the Mberal declared to be inary or Mr. Brookes. The Scottiah Universities ['nion, on Saturday, racolved unanl mously to invite Mr. John Stuart Mini to benome candidate for the Yniversities of Glasyn and for the deen, and to bring forward Dr.
Iniversities of Edinburgh and St. Andrews, in the
 haster of the Mrint the I, thent yurty in


 In Joondon havo formed a commitioo to promole 1he
 Caund by the appointment of II likhe lat he a Conmi...imer of Fisherios. Mr. J. Sluart Mill 16 Trentuned es a candidato for Tipporary.
 The lirilizwater, Xurwath and lke herlin (' Tuewlas

 the mathes of two lalies who firiaticel maney to the "Mau th the Mrang, kile it thee namen and her sister. The Commissoners decided that the ladies must bo cxamined. They were aocordinaly summoned by telegraph. and on Thureday Mrix Hestropy and laer witer dequmed is farmohine lith)
 hurew nothaz of in milater the irat of metheth. soners, stnted that he hat revored athe anonyme and letter, informing him that his life wh, 11 danger , and warning him not to loane the tomn at ma dangrer, and warminm the communimion with contemple, and expressed has lam. Mr Thomjeon ghye evidenco as to eunplying ilim, for Mr Pation's ciection.
Tifr Chavnfi Fleft-Rear-Idmiral Chads hace been appointed second in command of the Channel suluadron. The lards of the A maralty returned to Whtehall on Wedneclay, hasing visited Pembroke, Pleet, which is now under the inmmand of Sir T. M
 symonds, is ordered to fill up with coal at pernhroke, Lisbon or Madera and hark
The Alabisha Geistion. The hlon. Willam hearh Lawrence, Bdiwe of Wheaton' mternalional Jurish," and behered to be one of the ablect of living authorities on that kubjent. mado a speech on Monday night at the Socual Scienef Congreas, in wheh the followinsimportant passage ont tin . Nabama meatom oceured

necorded udier tuo treatuces of 1794, for vossels captured by capturod within
 complaint firin reitin the remgnition on the lelligerent rights


 metiugereacy, what 18 belijzercney But whist was the procta your suiph and cargoes for 12 vi iation of the hin cka te wheh it cstabishe 1 , but a recugultion 'f a stite of wary At this moment the CHmed Mates, in cluining the priperty of the later Confoderate
title on the fact if their heing the successoms of a $\because=$ ef, fro vernment. I repent that, however valid our cleima may be for any claim aystunst you based or the public midmisalon of notorious fact, the existevee of which has beon recogaised by avery department of the Federal Government.

## fforetgu.

France.-The Emperor presided at a Council o Ministers on Saturday, and on Sunday an Imperia decree was issued convoking the Senate and the Legls-
November 29 . This delay in the lative Body for November 29 . This delay in the
meeting of the Chambers has been received by a storm meeting of the Chambers has been received by a storm of indignation and discontent ona to part or the Republican and Opposition Joturnals, the immediate convocation of the Corps Legatif, and declare imediate it is unconstitutional to postnone it heyond the 2fith inat, on which day Messrs keratry Raspail. Grmbetta, 13 acel, an 1 other ultra Republicans deciared their intention of onening the session on their own responsibility. On the other hand, although many habitual staunch supporters of the the Govern meeting he $G$ of the Legisiaive Bert that the delay will giv the Emporar the months for choosing his new Hinistry and the constitutional reforms. They also assert that the absence of the Empress bas in do way influenced the Government in fixing the date for the meetine of the Chambers, but they an not notice the statement of the Vienua Prosse, that the Empror, 10 his speechat the opening of the (aambers, whll be able to announce that "an arrecment has been arrived at between tre Powers for a general and amalitaneous dirarmament. With regard to the declared intention of Man. Keratry hart, party, to attend the session of the Legilature tn th opened, in spite of the Government, it appears that the project bra been so strongly denounced tuat M. Kera ry has at lenzth deferred to trublir apinion, an

> THE GARDINTRK' CHRONICLE AND AGRICULPURAI, GAZETTE
manifestation; the interests of the conatry requiring that the contest which is being carried on between the representatives of the nation and personal power should not end in a popular riot." In the doenir National of project of a manifectation for the "tith inst, which he
looks upon as fatal an linoyportune, alding that most of the menubers of the Demoeratir party entertan the
same opinion. The Empres left Paris on the evening of same opinion. The Empres left Paris on the evening of
Thursday, the 3 atla ult. on her jurvey to the Fast. Her Majesty arrived at Veluce on Saturday, and embarked
immediately on bourd the Imperal yacht Anle. In the evening the Vimpress visited the Piazza di San
Marco, whtch was sperially illuminated Her Majesty Marco, whch was speriaily illuminated Her Majesty
also received the rity authorities. King Victor
Emmanuel, attended by the Ministers General MonaEmmanucl, attended by the Ministers (ieneral Mena-
brea and Signor Mingliett, arrived at midnaght, and was much checred. On Sunday the King paid a visit night a serenade was given to her Majesty on the and crowded with richly decorated fondolas. On 'l'uesday and Wednesday
morning for Greece. Her Majesty received a farewe..
visit from the authorities on board the Aigle, when she decorated the mayor with the cross of the Commander of the Legion of Honour, and warmily expressed her thanks for the cordial manner in which she had been reeeived during her stay. Prince Charles of Rouwas received by the Emperor at St Cloud in the afternoon. Baron de Talleyrand-Perigord, formerly French ambassador at St. Petersburg, has been created a senaGer. A letter has been seut to Father Haperior of the Carmelites, ordering hive to return to his convent within 10 days, uader penalty of major excommunication, nud of a note beng issued declaring him to be dishonoured in the eyes of the Church. The rumour that the body of Kinck, sen.,
had been discovered is without foundation. A telehram from fruabwiller, announces. the arrest of Traupmann's father. His mother arrived in Paris on the 30th ult. Another great fire broke out at Bor-
deaux on Tuesuay night in the ship-building yards near deaux on Tuesday nipht in the ship-building yards near
the harbour, and destroyed property to the value of a the harbour, and
Spain-- $A n$ insurrection of a very serious character broke out last week in Catalonia, Andalusia, Murcia, Gailicia, Saragossa, and part of Arragon. Tho Republican headquarters in Catalonta were at Mauresa, and in Andalusia at Mfedina-Sodonia. In Gallicia the insurgents captured the civil Governor, the military commander, and other authorities at Orense, sad ransacked the revenue offices. In Murcia they proclarmed the Republio, and were supported by the neighbouring nunciamento in favour of the insurreotion, committed several assassinations and robberies, violated nuns in
the ronvents, and levicil forcel conlritutions upon the inlabitants, Ius utander an unlerataling was established with Torrola equ, Lardio, and Castrn to canse also a rising was threatened, with the vicw of cuttug off communicatiou with France. The Republic was proclaimed at Gandesa la Carolina and other places. rectionary band which started from that town. In all these places there was great destruction of telegraph of the Republican Deputies left Madrid to raise the provinces in the north and centre of Soain, their plan being to raise all the provinces and afterwards to attempt a coup-de-main upon Madrid from various points at once. In this emergenoy the Government sur thiste measures to suppress the movement. Soveral thousand insurgents who had left Reusa, in obedience to the orders they had reoeived, which are said by the Ministerial journsls to have been defeated on Monday by General Baldrich, with a loss of 80 killed and 300 wounded. Other accounts assert that these statements are unfounded. The Republican bands at Orense and Murcia, and several bands in Andalusia and Catalonia, have been completely dispersed. The chief of the band at the authorities who had been captured by the insurgente have been released. The insurgents, in other provinoes, are also flying, after having committed great havoc. At the opening of the Cortas on Friday the Government brought in a bill suspendiog the gusrantees of personal liberty throughout the Peninsula, and authorising the proclamation of martial law. The Bill was vehemently opposed by the Republican Depn
ties Castelar and Orense, aud supported by the Minister Sagasta, who delivered a forcible speerth azannt the Republicans, acrusing them of awful atrocities. The debate was continued on Monday, ana was of a very animated character. In reply to the attacks of Senor Garrido, Admıral Topete defended the policy of the generals of the Liberal I' nion, and said that when the proper moment arrived he should energetioally support Castelar condemned the endeavour to raise an Italian prinoe to the throne of Spain. When the Republioan members signified their intontion of withdrawing from the Chamber, and of taking no part in the vote, General Prim endeavoured, first persuasively, and then more sternly, to dissuade them from adopting this course. Castelar replied that they might yield to persuasion, but not to menace. The Bill was then cirried. lican party left the houso before the vote was caslled of, Thursday. The Volunteers of Madrid havial Gazette tendered their sapport to the Government to suantis tendered their support to the Government to sustain
withdrawn its offers of friendly mediation in the affairs of Cubs but the note presented by General Minstry is convinoed that there is no chance of a majority of the Cortes voting in favour of the Duke of country, the troops destined to proceed to Caba are being embarked daily
DENM the king in person, who derlv
throne. IL's Vajenty said:-


## immovable that wo cannot

similar viows adoptod by the
eolution thereby brought about
of durable friendakip between Denmark rad the North (iertinan

 In commerco is lightenintif tho burdens which phat ivent

The sentinents expressed by the King in reference to Schlesuig were loudly clicered by the Assembly.
Chemenx.- The singll town of Franenstelu, near Chemnitz, was
Saturday night.
 o interfere in any way in the affar of the banishment of Frankfort citizens, excenting in cases there a whole family may have acquired the rights of S wiss nationality

Prussia.-The Prucsian Chambers were opened on Wednesday by the King in person. In the speech from the throne his Majesty touched upon various home questions which required legisiation, snd, in referring to the financial position of the country, said that the endeavours of the Government to equalise the revenue and expeoditure had not met with the desired success, and that additional taxation would therefore be following remarks on the foreign poilicy of the Government:-


 nent of trathe, and the uainten neo of tho authority nind
independenco of Germany. I Lad lately the gratification of
 that spirit which dictated those ma.nufestations I recugnise a



The King will shortly retarn to Baden-Baden, and will remain there with tho Queen until the oud of October. The Crown Prince left Berlia on suaday for Baden and Vienna The semi-ofticial Provincial Correspondenoe says that this visit of the Prince to the Austrian Court is rightly regarded everywhere as an important indication of the value which both the Prussian and Austrian Governments attach to the renewed realisation of friendly relations. A fourth German Protestant Congress was opened at Berlin on Wednesday by a sermon from the ohief Court ohaplain, Herr Schwarz, of Gotha. Professors Bluntschli, of Heidelberg, and ILoltzendorf, of Berlin, have been - lected Presidenta

BadRek. - The Lower House of the Beden Diet adopted oa Thuesiay, with only six dissentient votes, the Address proposed by the Nationsl Liberals. The counter-draught of an Address moved by the Ultramontanes was rejeoted. The latter advocated the formstion of a south German Bund, the dissolution of the Chambers, and the dismissal of the Ministry,
betweon the members of the Ministry and tho clerical deputies.
Bivabia. - The voting for the election of a President of the Lower House of the liet has now lasted four days without result, six ballotings lave been held, and each time Herr Edel, the Progressist candidato, and Herr Weisz, the candidate of the Ultramontenes, obtained 71 votes each. On Wedinesday the Lower House was dissolved by Royal deoroe.
Acstrit.-The Crown Prince of Prussia amived at Vienna shortly after 9 P.M, on Wednesday, and was received hy the Emperor and the highest military the Dmperor took place. The Emperor wore the uniform of the colonel of a Prussian regiment, while the Crown Prince of Prussia was dressed as an ollicer holding a similar rank in the Austrian army. The military bsads atruck an the Prussian national anthem. The Prince having Highness,

Hofburg. Count Beust the Chinese Admiral Petza, announcin September, and that the Austra30
ITALX.-The King has sigaed tration. His Majesty went it the Bishops who hadress of the Preanch if they of Public Worshin Cal Conneila stating that the Italian Goresed to th the attondancee of the Bishops at the mit liberly of action under any resertes to the kight be necessary, io order to d'Aosta after staying at Brin on Sunday for Alexandris in t1. Sauto Gemignano, in the Mircemar 26th ult. and the following day, museum and tue churches of tac
Agustino, were seriously then Agustino, were seriousy dan
felt less severely at Sienns Volterra, Certaldo, and Poggh left Brassels on Sunday to sour In consequence of the Prince before leaving Beta the Minister of War, to Loujan jetter addre
also charked
Euglish Governm the mis.on
on the part of the Roumanian peo
Tunker.-The Grand Vizier and othe tionaries, left yesterday in the shit
Dardanelles, accompanied by throe to receive the Empress Eugenie on Atteng. Djemil Pauhs has arrived on the $2 巳 d$ inst., and will be dinelles by the Prussian squastron Wranedn. The palace vecuphe Prince. Twerty thousand troops no by the Sultan at the camp of Huatim grand review will be held in the 30 upol. to be distributed troops. A second carnas of by the Porte rom the American which has been favourable to the Figyptian controversy, has bean geacral considerations, and gpecifies ing upon those who sustain the
trona Fiazyl Pacha. It is, how tapha Fazyl Pacha. It is, howar
the question is on the eve of a the question is on the eve of a of the Nmpress, and that the Canal. Medjid Paohs the Drrer Bureau, and nephew genuineness of the poitical by Fuad Paoha to the Saltara to bare several fundamental maintains its belief in ment. A local losn has that the jarge loan of ponht of being conclude
have arrived at Constantinople. Thes L purchase of mules at Constanti a ferm days for Smyrna, Alev Constantinople next week. 'Telegr cation
ImDIA-The sfatement thet lord Sumla in October for a tour through Ka confirmed
eticit of $2,000,000 \mathrm{l}$, in the ondioary bua and that a further deficit of $2,000,0$ the present year. the Persian Iso said to have occurred hetween Turks near Bagdad
It is generally believed that no durtar Agra, the festivities borngent mander-in-Ohief to contanue year.
Writton a minute, showing the the Fater supply of the city have been made by
Rajah of that State.
Ajmeer, and many
creasing suffering aud darker
Fictory has been ga
the Ameer Shere
foo in the field.
of the Emir of Bokhara
Majesty's 11 st Regiment ast Substhoo, ap satablish an Indian Society

Accounts from Melbourne state that
kable event in the way of diamond
, of the extraordinary weiglit
twoen discovered in Aurur
district of Neer and Arm that


cont to Melbourne from the Mwiseo tauds. near lanllanaaih, n a socthon belonging to $\circ$ bo of a very rech description, and onl
indh copper to a very slight oxtent insho-The Minister for Defence and birs has proposed to the Parliament that an a)troops, the colony pas ing for their services. policy of self-relisace. Should the appeal to the country. The 18 th Resi The malues in the Waikato district thace partics, have quarrelled, and fight-
iered prubable. Freshar discoverios op iered yrubable. Jresh discoveries of gold ar. ss, and Stewart's Island (the extremity
where gold is being found on the sea the range. The quartz throughout the cribed as Reneraty aurierous, A dis $0,000 \mathrm{l}$. was destroyed.

- His Royal Highness Princo Arthur, after an out hunting near Brantford, arrived ait sanday, and was received with great formed to welcome him.
8ritra.-Three steamers, the Alabama, Gilim, with 1800 men on board, under the ports, They had appointed to meet off
 steamer IIrrnet, alleged to bo a Cuban int in at Sruithrille, North Carolina, on Wimington, where she will be detained in mit the action of the Washington authoheary storm, With an unprecedented fall of dimage to rail way property generally \&.
ir Colusibia, A telegram was received on the total destruction of British Columbia, ril in that city.
ars and Paraguay. - Accounts from the whe pursuing the remonat of the Far. The th the mountains. Much difference of of the war, owing to the ignorance ad concerniar the strength and resourees was atnted that the Congress inteaded the war at an end, and to withtime troops. It is stated that the war linhard of $56,000,0001$, and $168,000 \mathrm{men}$. number (mostly engineers, their wives, Lad arrived at Buenos Ayres, and ad sent, th
heir relief.


## Iitp Intelligence.

MARERT, Friday. -Britxer Funds on and Reduced Three , 237 to 239 ex div. : Eex Cents., $91 \frac{1}{2}$ to
 84. Egyptian (1884), 851 to Ditto Nine ; per Cents., 48 to Ditto Tobacco Loan, 84 to 86 to $68 \frac{1}{2}$; Moscow, 83 to $83 \frac{1}{2}$ United States ; Turkish Five


## 

If Iord Mard MAYor.-The poiling for When the number of votes recorded were Por Alderman Besley, 1501 ; the Lord The ofical deolaration was; made yesterin the purpife proceeded to the Court of dernen stit the head of the poll, in order Wior the year ensuing. The sheriff afterBaced that the election had fallen upon
und Livary for the high honour they had him, and said that the Livery had
whe bil a mratt triumph on the oocmion. A realucarried by a lare manority.
landed at Papmouth on Wedvesday brings importand intelligenoe ooncerning the hapoty of
 1-j) At that time Dre. Livingsigno was Well,
hort of provisions. He had bean deserted by al
Europeans wlo had Luropeans who had mocompanied him, and wa the then Mrs. Lee, two missionapiesied by Arabr, Mr. an
 seell about is aivon above. Dr. Livingstone w aplurently trustworthy ainoe by an intelligent and then he was making his way to the weotern part of It wake. No doubt of his safety existed at 7razibar Congo, or nome other place on the Weet Cont Afrio
Thr Hiar Tides.-A tidal weve of comiderablo magnitude swept up the Eaglish Channel on the s9th estuaries, it casused litite damaga. As Plymouth the tide swept in suddenly to a height of 2 or 8 feet above its previous level, and as quiolly reoeded. This was orce st penal 20 minutes, runnins oceded and came in about every five miles an hour, and roturning at the same speed At Truro, fully an hour beforo any flow of tho tide high, ran rapidly nuay, a hore itda, about 18 inche in about 10 minutos 1 l ass a similar occurrence, followed by others like it duriag the forenon. At Haverford west, on the coust of $l^{2}$ embrokeshire, it fowed and elibed five timen, rising about 2 feet in a quarter of an hour, and after pausing a minute or two ran out rapidly. The flret, but no occurred on Tuesday erenine and blowing off the ay reainz. The wind was light the South Devon and Cornwatl coasts the water only rose a few inches sbove the ordinary spring tides, but much higher, and at Truro it was of feet higher than computed by the tables. At Brixhsm, whioh is open North Devon it rose 3 feot; and at Bideford, on the numbers of persons assembled on the Thames Embankment and on Londos, Southwark, and Westminster of an , in expectation of the filfilment of the prectration more than a foot above the average spring tides, and no damake was done in London. Accounts from the coas Visitors from the inland distriots arrived daring Wesidents who assembled on the shore the oromrds o Where rose much above its ordinary height, and the people separated with foelings of disappointment mingled with thankfulness. The highest rise took place in the Bristol Channel, the rise at Cardift being 5 feet 3 inches, as againat easterly winds blowing of the French coast from Biarritz to Brest, and off our own shores from Penzence to Liverpool, acting sdversely to the fow of the Atlantic tidal wave up the British Channel, rendered any very unusual phenomenon either at London or along the ment in the Metropolis was less marked, and not hal meat in the Motropolis was less maried, and not hal the number of persons assembled on the benks of the
river. The first full tide in the morning ocourred sivertly the first full tide in the moraing ocourred new entrance to the London Doeks rose to a helght of more than 29 feet, but no damage was done. Many people living in the lower parts of Lambeth and Southwark suffered much anxiety during the night, and were afraid to go to bed, expeoting their housoas to be inundated. They were much relieved when the The tide in the siternoon was timed to reach its extreme heightiat London Bridge at 20 minuter past ; but long before tuat time numbers of persons were assembled on the Custom House Quay, the Embankment, and the various bridges, to witness its rise. Fayoured by a lyght easterly breeze it ran up very swiftly, and by two occork not only coverel the abutments of Waterloo and rauxinal bing zes, but was on a not rise zoore than a few mehes hother, and no damage was done. Accounts from the coast state that at some places the tide during the day was a little higher than oruinary, but
Opentivg of the Holbore Vuduct and BlackFriAps Bridgr by Tirs Quereni-at a meetiag of t wes intimated that the Oueen, in compliance with the wishes of the citizens of London, expressed through the Corporation, will aftend the caremony of opening the New Bridge at Blackfriars, should her health and strength pormit. This announcement was received make the necessary arranqements for the auspicious pcasion The dy on which the ceremony will talke paco stood that the new bridge will be opened early in next month, and that the Holbo
proposed Ratlwax Extension to the Mansion
PROPOSED RALLWAX EX extendig the Metropolitan
District Ruilway to the Mansion House was again

 extension, and morod that it the weitrad i inor 1 we worlio




 kone of communiontion from the of the viows of the Corponcionsting to be intarmed ratlivay come of the Corporction with regind to the ratway company's propomi Mr. Deputy Lowman nuisanoo than to orect a railway station in the very contivial of the City, and in close contrruits to th carry a subway theu the Lo live Mayor. and than to
 Mr. Lswley, chairman the Commassumers of Sewers. mither seanded chatu of the General Surposes Com mithoa, seconded the rootion, altwuga be thought it wasthty to tuty the the Corparation to whord every
 Whoroughfures. Bir Wm. Rome underntood that theran they coniamplated end for suchary phwere to do whal the conlamplad, end for such a ormpany to comso ..ito

 amentar hane neved an anemament to the offoot that the Mormpohtam lkan reforred to in thour comannuioation aruld not bat culere ained by that oourt unlare - di and nme lin cullerirst made to it by the zilway oompany. IIr Denuty Jonem sooonded the amendment. Mr. J. E. autuder opposed it, and partioularly dwelt upon the nocoseity
 merchanta and bunkers living of the Woavt End of the town On a divinion the ampd the wat End of the Rose was carried by a majority of 13 in a oourt of 110 members, On that becoming, in point of form, the orininal question, another diroussion took plice, in which Mr . before the court, sod that in its then ehape it was one of the orudest suggestions ever submittod to a publio mittee Mr. Leases, ohsirmen of the City Lands Com vould replied that the court had not raid chat they cation should be made to them by the proper partie and in a proper way. He argued also that the Comine proposed to refer i had no suthority in the matter, insamulh as the ne Was an attompt to onlist the oo-operuthen of tho cuurt br bide wind. The propoen of the rad why aompany and ultimately the motion of Sir William Rose was dopted
The New Phlack of Wenthinsteh. - Four more tatues of Kings and Queens have been pla ed in the roya Gall Edward $I_{\text {a }}$ and (Queen Anne. They have been senlptured by Mr. J. B. Philip in (aen stome, intended to be gilt. The statues which had presious been pianed there were those of Riphard I, Fhward
Alfed the Great, and William tho Con queror. Ily niches 0 .
Izeopening of the Thmple OHOROE - Oin Hinduy last the fempio Church was re-opened fo Divine service, after having been closed for two monthe
Archaishor Manning on the Papal Syldabets. course Sunday Arclibishop Manning deivered a dis course on the Pope's Syllabus at the pro-cathedral in had confined himself in the Syllebas simply to fith and morality in the ordinary persina sense of the word, very little would have beon heard of it, bu because his Holiness had pointed out and condemned all those errors in politioal phrlosophy whioh lay at the root of morals the world had been in uprowt. He then went throukh the several points of the Syllabus, ex plaining and defending ewch of them, "The mesnin of modern civlisation, he sala, was estate of nolitiva somoty founded upon divores, secular education infinte divisions, and eintradictions in matters o religion, and the absolute renunciation of the supreme suthority of the Christisn Church. Could it, then, be matter of wonder that when the Romsn Pontif problighed the Sylatuts all those who were in love with modera civilisaon should beve risen in uproar sqains it? Or conld it be wonderod that when the world, with greas coustay sometimes, with great supercilioustbest at snother fore, and grean measde always, invites the Romsa Ponfff to reconcile himself to irberalism, progress, and modern elrilisntion, ha slould saymeans divorce; I maintain Christinn marricye. Iour progress means secular education; I maintain odumation intrinsically and neeessamly (hrisusa. Ior mamtan that it is a goon thing that men shonid taink is they ike, talk as thry like, preath as they hke, aud propakate what errers they please. isay that it is sowing error broadcast over the world. I ou eny ineve non suthority over the Ciristian world, that I sm not the vicher of the Good Shepherd, that 1 am not the supreme interpreter of he Christian faik. II an all these. Ion ask me ta bdicate, to renounce my supreme suthority. I on toll majeot of the King of Itasy, end from him I gm to

THi: GARDENERS' CHRONTCLE AND AGRICULTURAI GAZETYF
receive instructions as to the way I should exercise the
civil power. I say I am liberated from all civil subjection, that my Lord made me the subject of no one o earth, king or otherwise, that in his right I am sovereign. Iacknowledge no clvil superior, I am the claim to be the supreme judge and director of the consciences of men-of the peasant that tills the field and the prince that sits on the throne-of the household that makes laws for kingdoms. I am the sole last supreme judge of what is right and wrong, Your you will not fidd." Dr. Manniag concluded by saying:-

 of trizo civilisation, which makes mharaity, oourtesy, justice,
and goodrill betweon maan and man. Rome in in incomparably
beyond London. London, with $2,500,000$ of men, uf
 by Christian marriage-this is a a bubjoct too deep and too
large; I cannot enter unon t; and I and with theese words.
There is hut one nnme large; I cannot enter upon it; and I end with these words,
There is but one name giren under heaven wherehy we may
be saved, nancely, Josus hifist; ; one faith, one baptism for the

Scientific Instruction for Wombn. - An important experiment is about to be tried at the South Kensington Museum to promote the instruotion of women in science. By permission of the Lord next month commence a course of lectures on natural science. The fees will not exceed a shilling a lecture, with voluntary examinations, and the terms will be even lower to schools and governesses. The Duchess Countesses of Tankerville, De Grey, and Granville, Lady Northcote, and many other ladies have expressed their willingness to assist this experiment. The Hon. and Rev. F. B.
The Mencbres for Middlesex and the Irish Land Qubstion.-A meeting of the Middlesex Agricultural Society mas held on Friday at Bedfont, and the members afterwards dined together at Hounslow. The members for the county were both present. Lord George Hamilton, who was in the ehair, adverted to
the Irish agitation on the land question, and said that the Irish agitation on the land question, and said that while he did not believe they would ever get fixity of tonure, for then their next equally olamorous demand would be for release from rent, he thought a tenant right rent, such as exists in Ulster, might probably be would bring forward a complete soheme on the question, and would stand or fall by the second reading of the Bill.
Greenticit Hospital, - The question of converting a large portion of this hospital nnto a naval museum is now under the consideration of the Admiralty; and it has been suggested that the Victory, Nelson's old
ship, now in Portsmouth Harbour, should be moored in the Thames, opposite the building, with easy acceas from the shore for visitors.
The London Gazetrs. - The editorship of the Lomdon Gazette, vacant by the death of Mr. Behan, Was been given by Mr. Gladstone to Mr, Thomas newspaper press.
WOOLWICH DOCKYARD,-On the 30th ult. this Dockyard ceased to exist as a naval establishment. The onicial dwellings are mostly empty, and Rear-Admiral Edmonstone, C.B., whose flag was hauled down on Superintendent. The staff of clerks, with the excep tion of three, have also ceased their duties
The PosT OFFICB TRLRGRAPHS. -The office of ongineer in the new department of the Post Office Tele graphs has been conferred upon Mr. R. S. Culley, the present engineer of
National EdUcation Lieagoe. The first general meeting of this body is to be held at Birminghamen on the 12th and 13th inst, and will be attended by
Messrs. G. Dixon, M.P., Jacob Brieht, M.P., Pro
feassor Fawcett, M.P.
Edmund Potter, M.P., George Melly, M.P., M.P. Auberon Herbert, Dr. Hosdgson, Mr. Odgers, and by deputies from the branch societies whioh have been mool, Leeds, Bradford, Sheffield, Nottingham, large towns. The Association, which has for in England and Werure the education of every child by a fow gentlemen in Birmingham, and has already made such rapud progress that it consists of 1400 memincreases datly. Among those who have already sig10 members of Parliament including the Fua Portsmouth, Mr. Jacob Bright, Mr. Carter, Sir C Captain Grosvenor, Sir H. Hoare, Mr. Thomas
Hughes, the Marquis of lorne, Mr. Melly, Mr.
Misil, Mr. Mundella, Dr. Lyon Playlair, Mr.
Edmund Potter, and Mr. P. A. Taylor, In the oircular issued by the league the means by which Local authorities shanll be compelled by law to seo tha
sufficient school accommodation is provided for every
child in their district. 2. The cost of founding and maintaining such schools as may be required shall be provided out of local rates, supplemented by Government grants. 3. All schools aided by local rates shall subject to Government inspection. 4. All sohools aide by local rates shall be unsectarian.
aided by local rates admission stail be ree. or soloo anthorties shall have power to compel the attendance of children of suitable age not otherwise receiving
deve
Meeting of Albert Policy-holder8.-At a meeting of the London and provincial committees of Thursday, Lord William Kas, Mr. Webster, and Mr. photed a the thers wis the Alliance for the working of the Albert business on the terms proposed by the secretary of that company dians are still at variance with their staff. The olerk Monday or the charve of insolence to one of the visiting committee. Dr, Eilis, the medical oflicer, was invited
at the last meeting to resign; but as he has not done so the board on Monday declared his office vacant.
The australian Meat Question.-On Wednesday a meeting, composed chielly of artisans, was held at the Edmonton Institute, with the object of practically testing the Australian preserved meat for Which the
colonies are desirous of creating a market in England. The test apphed was that of giving the wives of avery arge nurnver of artisaus instructions how to prepare a dinner, and then supplying them with the moans of The mast experimented upon was the salted and boneless mutton and beef of which the first importations reached this country a few montas since. the curing was then not so good as it is now, and the meat now supplied is "prime," looks well, and eats well. About 180 artisans and their wives sat down to the experithe committ, attended by the Rev. Arthur Hau. their instructions from Mr. D. Tallerman, the manaser of the agency in Fogland, and theys, the meat before their husbands, not in joints, but in Irish stew, meat dumplings, meat and potatoes, mince meat pies, and in other forms whereby the salt of the meat was absorbed. A meeting was afterwards held, at Which several gentlemen spoke of the importance of the which was at once cheap and wholesome, the meat whing from the best lands in Australa, and the price being below the cheapest "cag-mag," as the working population term the "wet meat of London. Mr. of Lonman also cooked some food after the usual fashion the London wives, and showed that they trekin it atone. He pointed out the great saving the artisans pockets and so forming a pleassant and wholesome dish, were adopted by the operative classes of th1s country, and sald that assistance would at the same timo be given to
lustralia in finding a market for her flooks. He stated that, in Norton Folgate "penny dinners" Were given of this meat daily, and the prejudice previously existing among the classes in that district against all preserved meat was rapidly disappearing. A discussion followed, selves to use the Australian most, whet pledgea fas liked it or not, for a period ós six Treeks, as a portion of their meat food.
Improved Cabs. - The Council of the Socipty of Arts, with a view of effecting an improvement in the consiruotion of hackney carriages suited to the metropolis, has announced its intention of offering the society's gold medal for the best and most convenient open carriage for two persons; a silver medal for the carriare for two perons. a silver medal for second best ditto: a cold medal for a carriage fur four persons, open or closed, or both; a silver medal for second best ditto. In making the awards, lightness of construction and durability will be especially considered, and the awards will be made after sctual trials of carriages extending over a certain period. In these trials the small amount of vibration and noise will be duly con-
sidered by the judges. The Council also offer the society's silver medal for the best instrument, "to be afixed to a cab or other hackney carriage, for indicating the careas between the passenger and the driver, Whetiner by registering the distance travelled or otherwise, and which instrument shail also indicate, for the total distance travelled during the day, and the total amount earned.
Fatal accident to an Alleged Finian-Aty fire which took place in Bear Yard, Clare Market, on Thursday week, a cab, which oame up in the confusion, Was driven against the kerb and overturned, throwing a man who was inside upon his head. He was taken up insensible, and conveyed to King's College Hospital, Fhere he was recognised as "Colonel Kelly," the Burk prisoner who was rescued at Manchester with police van. was murdered. It was said that he had been Working for the past two years, in fact, almost office in Chancery Lane, under the name of Sartin, Fenian associates, and was on his way to a Fenian meeting then the acoident took place. Some scraps but no doanment or oriminatory article of any kind Fas found at his lolgings. The detective officers, however, persisted in declaring that he was the rescued
Fenian who at Manchester went nuder the name of

Deasy, though his real name was
He died in King's College Hospit
from from the injuries he had Buspained positively declur sean by Corydon, tha 10 a men rascued by the mob at Mathof the detective officers were mistakeo, thy
was Edward Mirtia been steadily working at the (Tueens The Coroner having remarked that th the jury returned a verdict of " 4 a The Fatal Fibe at Bayswame on the seven persons who perished in
water was opened on Monday Witnesses were examined, was a, Tith Meighbours with, her eldest daughter examined, but none could throw an of the fire; for the wife knew noth always sold them under the direct appeared that only 45 minutes commencement and its extinction
and men were on the spot thre and men were on the spot three Mack, who had returned that mother from a long residence in austor er Robbery of a Poor-bos
boxprtal.-On the night of
spicuous position at the corner of
facing the Strand, and immedia
contents abstracted. A wieans
cab-stand in front of the hospital till morning, and it is, therefore, presm bery was effected alter that hout
Arthur bening a Magistrateminster Poltce Court, on remand exam letters to Mr.'J'J. J. Arnold, one of the Court, threatentug to murder him, and money, to appeared from a statement that he had sufferd inuephog Arnold, who, he said, had fined him 161 for being drunk. He denied sendigg the letters, but stated that they w named "ackson, who lived at Jepsey,
Chabge
Police. - On Thursday, at the
Police-Sergeant Mackenze
guilts of aviolation of duty. case was Rose Burton, the ke police would not allow her to condual peace. The officers, it was allered, ent enter her bath-room when bath. It was stated that the
defence was that the complainam
in ber power to dercat the ob their duty. Mr. Tyrwhitt said the oonsiderable importance.
eagerness to convist a wo
law, to see if there was any author conduot themselves as they had look after the house, but it was be persecutod on that account. to consider the case, and give judgment in DOUBLE MURDER AND ATTEHPTE On Monday sfternoon a terrible at Wood Green. A man named H Who had been ja the army, lived Truro Road, Wood Green, but only on Saturday night
separated from his wile, and hud young woman called Maria Whom he had three children Mr. William Douglas Boyd, Who from Japan, and had a business trade. From some cause Hinsun on Monday morning he left ho as usual, but in fact concea Foo for London, and returned with IIr. Boy Hitas evidently expecting
when taey
standers went to M
then went home with
was loaded, sind shot her in the
diate death, after which he bast har stock of the sua. He then wer a word struck him on
the gun and killed him o
his omn throat but not a severc
mately lodged in the police-
servants of Irr. Boyd, said that they D
other ()her witnesses, however, spoke to scrount for the jealousy of the prisoner. mis adjourne
has the woman and Mr. Boyd had been Wediesday, on the inquest being
 Wiful Murder. On Thursday
Imonton I'etty Sessions also comcantal cbar- $\theta$ ter that in the week that ended on ni" birthe nud 2959 deaths were nic 1um. The annuzl rate of morlality
 ogtam, 23 in Miverpool, 23 in Manchester, Newcastle-1pon-1'yne, and 25 in Wirr the annual rate, in the same week, e 3 Ha ult. was 29 per 1000 ; and in limit during the weok endiag the London the births of 10,6 boys and 2119 ohildren, were registered in the
corresponding weeks of 10 years ae corase number, corrected for incrase 2, was 2130 . The deaths registered in lear, and the arerage number for that el for increase of population, was 1318 ,

## globinctal.

Marificio-On Monday I Lord Stanley visited Messre. Clay, Inman \& Co., at Mach lave been ount the majority of whose shareholders nien. On Tuesday he presided at their arat.on of the completion of the works, reming he delivered the inaugural address
Operative Trades' Hall, intended for the be various 'Trades' Societies.
H1,-At the Police Court on Monday, s.ton, areed 16 , was charged with being,
te was fout wandering about the streets Sue was found wandoring a bout the streets nned as a prisoner during the past three ho Roman Catholic convent in Lowe Street. revered into the convent about three weoks erenmmendation of Father Dowling, to found that she had , on being reprimanded the window, on being reprimakd
iety of conduct by the lady superior; and she was satd to be yerfectly e pleased. The case was remanded when it was stated to the magistrates Thad agreed to look alter her, and take tue girl left the court with her friends. her, and Kay, were clargod with having ssulted police-constables Barber and in the execution of their duty. About Saturday morning the prisoners, with a Croft, now in the hospital at Preston
Currection, were seen coming out of Sir W. Currection, were seen coming out of Sir W .
zume preserves, heavily laden with bags and fearful struggle ensued, in whioh policeBarter was loft for dead on the ground, two wers were disabled; one of them was taken and the fourth contrived to get away. tho of Barber was taken by a county magisad he has identified them. They were reek.
the crecent annual meeting of the presidurch Association in this city, Church Union:
of the Eaglish Church Union in promoting

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 hice to show thatind the English Church Union was e bead-quow that the English Church Union wass
and fountain of tbe ritualistic

## mitcers <br> meth of the Cluures of England. So fir he Ptegys


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autual prisence
Let them, then




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## 



Chestrr,- The Prince of Wales has antimated to of the new Town Hall in the present at the opening In enneeq uence of the state of her health the Princes accompany him reet, has expended 10 nimi Parnell, of Bishopsrate Was opened last week, near the chureb, when

Guotcester - A conference of clercy and laity wsi opened yesterday in the Shire Hall of this cits, under jects discussed of the bishop of the diocese. The suband mainssed were-l. The best mode of promoting Church. 2 Chue spiritual eflimency on sent and future. 3. Middle-class education in preand country. The kubjects were introduced hy tir J. W. Sherningham

Hanley-At the Revision Court for North Stafiordsdire on Friday, a question was raised as to the right of new-owners in St. John's Church to vote as regular traffic in tho porss, some of whad been sold for $150 l$. each. the purchasers belur desiroms of acquiring votes. Mr. Sheclen, the barrister, said it was inconsistent with the rights of the Church that $n$ person should have such an estate in a pew in the shire. There had been a ponveyance, under a sperial Act, of a right to sit in a certann pers, lut no right to The vote was disallowed.
rapidly on the coast line at Hy se, Sandown and eng 50 rapints, as to excite serious fears for the safoty points, as to excite serions fears for the safcty of Romney Marsh. Lydd Point is steadily incrensing
from the accumulation of beach which is swept from from the accumulation of beach which is swept from
other places, and as the old castle of Sandown is supother places, and as the old castle of Sandown is supwhich would form a natural defenen to the coast, sten Wre being taken to memorialise the Government to mover
Aryertoor. - The Chureth Comerewe for the present
 Dean of Chester, who enforrel the duty of forlonrane and matinner amme the duiferent shonse of (hurcli Whether Protestant or Romanist. The inaugur by Dr. Jacobson, Bishop of the diocese, followed by papers and addresses on "s diocesan organisation," and "clerical education and our ancient universities" After the discussion of these pavers, a protest, signed hy 30 clerrymen of Livernool and by tron readerc of papers Mr Garbett, of Surbiton, and Mr. Jampa Bardesly, of Manchester, was presented arginst the Rev. Make any part in the Congress, on the ground tha take any part in the Congress, nu the ground that for illegal practices at St. Alban's, Holborn, he had 1 m puzned the judgment of the Councl, and had not eve professed to submit to it, excent under protest, and in
the barest possible manner. It was also stated that two members, Dr . M' Neile, Dean of Ripnn, and Mr. IRyde had withdrawn themeel ves from the Congress on accoun of Mr. Mackonochie having been allowed to take par in it. On Wednesday the subjects Were-"Phases of Unbolief, and "how to meet them;" "Recreations the People;" "Education, including Sunday School; Church work among Seamen :" and "Capabilities our Cathedrals," On the first suhbect papers were read by the Rev. E. Garnett, Canon and oodrate, Mr. by the Rev.J. Erskine Clarke. On Tnursday the subiect were-"Improvement of the Church's Service: How to increase the Attendance on them. Revision of the Rubrics;" "Church Patronage, and Superancuation of the Clergy ;" and "Eastern Churches" Yesterday Towns."Weekly Offertory and Almagivinz: "Sin and Palestine." Among those who took a part in the proceedings were the Archdearon of Els, Mr. J. M. Clabn, Rev. Canon Gray. luev.
 Mackonochie, Mr. Morrison, M.P., Mr. Raikes, M $P$ Right Hon. J. R. Mowbray, M.P, Rev. W. Saumarez Smith, the Dean of Durham, Alderman Hubback, the Dean of Cashel, Hon. Chares Rev. Dr. Tri-tram. On Thursday evenine there was a working men's menting in St. George's Hall, the speakers being the Archbishop of York, the Bishops of Cbester, Oxford, Rnohestar Lichfield, Peterborough, Sodor and Man, Res. Yesterday evening, there was a soirée in St. Gerrge Hall, and a scamea's meeting uader wit be a mornin service at Chester Cathedral, at eleven ooclock, and a sermon by the Arcubishop on Palestine Exploration Fund
Sinai and Palestine Exploration Fund. Roundhay, who
Leeds. - The late Mrs. Burton, of Round sum of $32,000 \mathrm{l}$. free of lexaes duts, in aid of several

 "... Rata

 differed from the proposal to adopt a wort of sm, sad IIPmon of lishtaer 11111 , as the sintarn edat or the
 of London, sall was ederted hy a cramptien from


 pryate lifa was lovad timas
whlic conduet be wom the who knew han $13 y$ hire the briaht examnle of a truet of his country, and Christran." On the York face is the foilomiag -"He to whom this monument was raiked, hy publ.c of Commons-furstly, Yorh rehre 12 carentert in the IInuse Riding; and, durng elshit rears, wis lymeny of
 Fiablate to the whole Vale of lark, the eremer fiart of the Vale of Derment, the Weat buhmg hallow the larkshitizo Wolds. and a large part of the forlig tarkstive
Rubing
Malarry. - An institution of a novel character has been ectablished near thas hatho. the entjeet tunties of refreshument to hody and roul at the owest rowsonable cost." The inatitution js under the inrection of 8 "Council of Reforanoe," mannialing of Ford Lattelton, the Eiarls of cilaseow and strathmore. Iourd lifol, lar! licharl ('ivendols tha Ihon ("). Courtenay, sir II EF lambert, the IIon II Watme,
 anlly and other centlemen: and ilie lies, jampa skinner, M 1. viear of Newlands, las been appromted warden prowsconally.
Manchesrkr--Mr. Robert Barnes, of this city, has intinated his intention, not only to Purehasa the Che Ruyal Infirmary, for une as a ennvalesuent hospital, buit to supplembent the purthase money in the
oxtent of $10,000 l$., for the puppose of rondering the shane thornusbly guitablo

 minational and secular bystems will be read and
Plymoutif. - On Friday morumg, at loclock, the brig Ses Spray, with whent for Cork, had a oollision Genoa, If miles off the Lizard. The barque sunk, and the captain and seven seamen were drowned. The mate, three seamen, and the owner's son. were caved. Both vessels had left the sound on the previous morninc.
Pobtsmorth, - Sir James Ehhinstone, M.D attendel a dinner of his constituents on Tuesday, and poke as follows on the state of the . .avy -


 as 3 belligerent itstull of a frienl, the whole fleet w mhd have been at ber mercy Fimm the very expmencement he had
advocated the turret sy stern, mid placing the weights in alips Fincland wis now confined to the 3 homarelh, ind to tho ship that was to steceed her. They winli inare to reenostruct the deek at an eost and knoked wip that at Fomlwinh reduced one whel would produce the fitare navy of England The durret system, which womal soon be adopted thronglout armed, and they naw had a jractical sulution if the quastion. this prineiple to fea, and in a gale of wind the whoto flect was nractically at the merey of the only turret slip, wlifla
conld have sunk owery other ahip in tho aquadron. This ras something for Portsrabuth to look to
ResDiNG The IIon Auberon Herbert, the unsuc ressul liberal canduate [or liorks at the last election, having ofieref lomin. towards the estabister ment of freo public libraries in that county, the matter M.P., declined accepting from Mr. Herbart any contri butios townas bae expenses of the contor, and under was made, on condition that Reading should receive Was made, on condition that Reading shourd recaive each of them shall raise sn equal sum towards the same object. The ibraries so ectablished are to be mainlsined and regulated by the Pubie Librames art of 1300 . What of enath fund, and that the rate to be lessed out of the purpose shail not exceed one penny in the lor the purpose shat not exceed one pen y in tho pound. ater. Herbert's offer. At Readink the Act, and accept Ar. Herberts ofer. A Neadore the 250 towards the fund now rasing to establish a new grammar-school in that borough Toe inhabitants ni Walingford bave rasen a sutherent sum to secure tho amount promsed, a propics Instıtuthon hbrary whth the Mechanics institution, a pubiro meatian in coanection with tha held at Nowbury, under the meeting was adrerse
to an inverease of the local burdens by levying a rate for
the maintenance of a free library, and it was resolved
the example of Franco and Anotherica, and expressed an the maintenance of a free library, and it was resolved Working Mrn's Institute
SHBRwSBUEX, In November, 1867, a German Jew, SHRRWsBURY. -In November, 1867, a German Jew,
named Zusman, travelling for Mr Cohen, watchmaker and yeseller, of Brruingh m, was murlered and robsed of a large guantity of natche, rold resan, seals, and Oakcar fites In isfis, silviclone fall upon two men They were appreheoded, and after a bery long examination before the magistrates Hart wis diseharged,
and Harris rommitted on the rinutal chor tried at the Stirewsbury Assizes, but the eridence failed to satisfy the jury, and be was acquitted. A fer days those which Zusman had in his casce at the tinie of his murder. was discovered in a manaure-nit at the Old wrenohed off from the other parts, and bore the name significant fact that both tho accusol indrviduals had more than oure prerious to their apprelneu-ion lodged Sunderland.-The trustees of the Hudson Annuity British Assurance Company for the purchase of an annuity for Mr. George Hudson of $520 l$. by an investment of $4000 l$. at the rate of 13 per cent. Of this sum London, Newcastle, and suaderland treasurers have raiged the remaninik nsool. The residue of the subscriptions, estimatod to produce the sum of $1000 l$., when realised will be invested by the trustees.
WiGaN,-On Tuesday week a farmer named John Brown, residing at Dig Moor, Gpholland, deseribed as remarkably quiet when sober, but the opposite when drunk, killed one of his farm servants, named George vious day they had been with Brown's wife and daughter to the ceremony of laying the foundationstone of a Primitive Methodist ohapel at Dig Moor, and had attended the tea party which followed, after remained drinking till midnight, when where they home. They there obtained more drink, though they were all completely intoxicated, and at last Brown became wild and threatened to kill tho whole of them. He thereupon seized the poker, and beat Ashton unmercifully about the head until he died, He him to represent a surplice, and takug a book pretended to read the Burial Service over the rompins. He was taken into custody, and the coroner's jury on Monday, after a fow minutes deliberation, returned a
verdict of Wilful Murder against him verdict of Wilful Murder against him.
Yorz.-The Archbishop of York has taken the first formal step in the Chancery Court of this city against the Rev. Charles Voyseg, rector of ITenlatish, frar
tadcaster, ior heresy uontaned in sermons preached
by him, letters of request having beon lodged by the by him, lettors of request having bean lodged by the archbishop in the registry, The articles, which will
be forthwith filed, set out the specific charges which be forthwith filed, set out the specific charges which
Mr. Voysey will have to answer. An appearsnce has been entered on behalf of Mr. Vorsey, and the case will in all probability be tried in the forthooming term.

## Irelano.

Visit of the Lobd-Libutenant to Whterford. The Lord-Lieutenant and the Countess Spencer paid a visit to Waterford on Monday. His Excellency was
presented with addresses from the Chamber of Com presented with addresses from the Chamber of ComThe address of the latter contained an allusion to the land question, in noticing which, in his reply, his Ezcellenoy said that he need not point out the difficulties of the question. They might be sure that introduce and carry a measure which would be fair thed equitable to all whose interests were concerned. If they succeeded one more difficulty would be removed Which, while it remained unsettiled, must retard the pogress of the country.
The frish Chyrif.--The arrangements for the assembling of a National Synod of the Irish Church are been held in variaus places, and dele conferences have conference will assemble in Molesworth Hall, Dublin,
on the 12 ith inst. Viscount Powerscourt has his intention to purchase the tithe rent-charge on all body of the Church, which is equal to a gift of goving
Captain Riehard Cooper to purchase the rent-charge on his estate, and re-endow parishioner, on learniag that the Remarmerly intended to purchase his omn glebe-houso and hand it over to the Church, has promised to do the same 11 his own parish. Among the first contributions paid in to of Derby, and 2000 l. from Mr. Peek, M.P. for MidSurrey.

Arnesty Meetrags.-The agitation to obtnin a release of the Feaian prisoners is spreading over the country, and daily acquiring increased strength. At a
meeting held at Enmes, on Suaday, from 15,000 to 20,000 persons walkel in procession, and 2010 mounted men formed part of the array, all of them wearing
green emblens. The Rev. Mr. Fienny, C. and the principal speakers were the Rev. Messrs. Quaid the unoonditional releaso of the passed declaring that the rits would do more for the peace and harmony of the Irish people than has yet been done by the present
opinion that of ry farther confinement of the prisoners would bo "a stain on the Constitution under which
we live, and dishonourable to the civilisation of We live, and dishonourable to the civilisation of was held at the Devil's list, in Tipperary, the numbers being estimated at 10,000 . The provession
was heded by the clergy of the town, well mounted, and weariag green favours, followed by a
host of well-mounted tarmers. The Rev. Mr. ILernan, C. C, of Templemore took the chain, and Mr. ${ }^{2}$. Gill', the meeting. Mr. Gill sald that they had met to let he British Goverament know they wanted justice and eform, not revolution; but if proyrows emanated not day a meeting was held at Hannahstown, vear Belfast, at which the principal speaker was Mr. A. J. Kenna, Who said that England had always actod on the prin-
ciple that where nothing would bo yielded to magaanimity or justice it could be made to yield to pressure. Ho was proceeding, as an illustration of this, give place to the man who dolliged ther country with
blood, whon a voice cried out, "Thero will be no more
of them," a romark which was received with cheers. of them," a remark which was received with cheers. Another meeding was held on the same day in Newry. in the town to and a large force of police was mustered in the town to mrevent disturbance. No opposition,
however, was offered, MEr. Jolinston, M. P., having advised the Orangemen not to interfers About 5000 people attended tho meeting, which was held in a large field, and 20,000 , it was stated, were collected in the
town. The trades marched in procession, with banners bearing such motitoes as "Release our Heroes," "Tonant Right," "Justice, not Mercy", and green arches with "national "flags were suspended across the
streets. The Rev. Mr. O'IIagan aucupied the Resolutions, more temperate than out some of the clair. meetings, declaring that it would be just, wise ho earlicr of the Government to rolease the prisoners, and that the policy of conciliation would be considered incomplete unanimously. On Monday a meeting convened by the Mayor, in compliance with a reguisition signed by a number of members of Parliament, magistrates, and respoctable citizens, was held in Cork. The Mayor irst resolution, to the effect that the liberation of the Fenian prisoners would be received with satisfaction by all classes of the Irish people. He eulogised the Irelant Administration for 1 thera poricy towards passing of the Church Bill. The mob exclaimed that the Fenians were the means of passing the measure, andemper mr. Maguire, M.P., and others had in vain olosed ated to address the meeting, the proceedings the "crownless harn" has been a favourite symbol, and hariy remarkable.
Great Pbotestant Demonsteation. - An imBelfast, meeting is to be held on tho 21st inst., at Belfast, to give "Protestants the opportunity of and sociat condition of the country." The Duke of Abercorn is to preside, and the Earl of Erne, the Earl Templestown Templetown, Viscount Crichton, Mr. Willam Johnston, M.P., Sir Thomas Bateson, M.P., and other noblemen and gentlemen, will be present. Resolutions approving of the practice of ternant-right as it exists pledge itself to "support any equitable measure colculated to improvo the relations between landlord and tenant, and to insure to the industrious tenant-farmers of Ireland compensation for all their improvements." On the ovening of the meeting there will be a grand banquet.
Riot AT NEWRY.-A serious disturbance ocourred at Newry on Monday night, caused by a report beipg convent. The Catholics turned were attacking the to defend it, and the police were obliged to charge to preventa a collision. Some persons were injured
Mr. John Armitane inder IN Meatu.-On Monday Mr. John Armitage Aicholson, of Bulrath IIouse, near Kells Petty Sessions open day, while driving from the Kells Petty Sessions, accompanied by a lady and an
armed policeman. A slug grazed lis face tho coanarmed policeman. A slug grazed his face ; the coarh-
man and the lady were so seriously wounded that the conchman has died. This is the second attempt on Mr. Nicholson's life within a month. Nine men are in

## Tris.

THe Land Question.-A meeting to discuss the was attended by about hiow wersons in sitoma, and working class most of whow jersons, chetly of the ribbons in their hatbands. Mr. W'Arey, M. P, and Sir John Gray were the principal speakers. The former thought that the landlord who refused fair terms to pood tenants should be done away with; and the latter expressed his conviction that the peoplc ourht given them, and that the liands of landlords who had stolen the property of the people, should be so tied adlopted to the effect that the laws at present governrequire the interference of the Legislature unjust, and

who was arrested a few days - A man nimel Ryan, plicity in the murder of an old man, named M' (rrathCashel Bridewell. Wwyer, who was arred suivide in time of the murder, is still in custody.

Cours Apponsturits Shy.


| escape of the l'rince. |
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| Training Silit |
| ne-of-battle shi rom the Admi |

## tho destifute and liomelcas bo

## arourably. <br> STEair Onnibeses for Glasruw, meeting of the Giasgow police woarl

 man \& Drummond obtained the authoritios to run steam omallusesTrial OF Two Brotuers Fob Monde Grasgow Circuit Court, on Tuesday,
named Barbour, werc indicted nn a char ing a poor washerwoman at Greed The outrage was one of a pecultarly st
The elder pleaded guilty to the minor
homicide, and escaped with ly homicide, and escaped with 15 feans pema and the younger escaped punshment,
 of the Tram-latway company of Grai :
(Limited), with a capital of you,
Tho company proposes to gurchave the phes The company proposes to gurchase the phe
Phomas Page, C.E., the engineer ard art
Westminster Bridge, and of Mr Iannts purpose of briaging, by proper or roadrails, into direct comman ing ralway systems, ontlyin
mithont buidding oostly viadu
bridnes bridges, or making tunnels and cath
puryose of conatructing and work
It is stated that the cost per mile of the company's systemi will average about
the cost per mile of the rathars alr including purchase of land. we, has as A locomotive, inv make no дoise ; and, by incorporatung ing characteristics of Allen's econome en looomotive. Among the first distriots for its introduction are those of the
Railway in Devonshire the rioinity of Ormbridge and of Bolton in Lancas will be watohed with intorest existing railways and by the tradi chief lines of trafic.

## Eporting.

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## orer," and Brown and Lis frients haso crelum <br> Sanitary Remporm-The immense

 yeers is well known. Mr. Simon, the of the Privy Council, maintains that now affirmed in our statute-book are sucainto full effeet, would soou reduce to quile amount our present very large the intentions of the Learislatu contrast juesents itseli. Mr unapplied, but even nurances whi scale, been suffered to continue: and law still occasinn, be believes,
ontire mortality of the country.


The Idegislature meant
calutiously and tentatiscls
tion have come from many
wo or three departmen
been attained if all had originated from


Trumstancer be expected；and，in frot is been what might be termed a chaotu －．．n tw the comatruction of a better Btate To propase hathority，and that in this boulth nuthority should also be vested －atteobed ioseveral improvements in regard of of locse improvements in regard of a lodging－houses，recreation－grounds 1ag，da，that towns haviug developed gis health suthorities their tomn councils oommissioners，and other local boards，is i more advantageous，however，i I th power of acting by committee， ir in aurposes of local Rovernment is mpmesded at onee that，taking a lond－entabished organisation，the and the common destitution anthonties liealth authorities，these Boards to be nevita expressiy for the compound purpose a new title denutina thic drable jurjo－e foer，so as to secure a high quality of special
Hr．Simon maintains that the system of ir molure under our modern nuisence law 0 ane in er rtan canes）should be extonder dacecs by whelt the publie haalth is endan may te of ill－consequeuce to the public

Inthin tho law of nuisance．There rery important sumtary objects yet to be of the publio against the sale of adulterated and against malpractices of water and offences under the Pharmaoy Aut； as to the diseases，especially the contagious Juasistrates whon erimes a mainst life are im repards these matters it seems desirable wr－a parisdiction should be large and the and that Court might be required to appoin mandito Mr．Simon further suggests that the Tr mprided for sanitary purposes in England －proper provisions for making known to the Th inse of death ought alrays to be medi－ health oficer of the district．Grest aid thared to the health administration of the b bith reports on a plan in Reneral The notes of a few loce the present quarterly returas on aprosincetivo opinion as to the dis afisa in the country．Further，it is wh regard to the knowledge which ought Ar curerbug the siokness of the population wh administration and in an even higher cumon purposes of public cconomy，certain mutities and pind jeriodically to be nuren as to mal dertitution authorities and by the several a．cuarties of the oountry．Lastly，it is desirable contral authorities should be methodicall each other and to the pablic on som to plan．The action of the Government a Depary matent of the Privy Comncil，and the Irocal Improvement Office of the Home ＂ale＂the great arithmetical offico＂ore or liegistrar－General nresides furnishes statis－
ornation which constitutes an indespensable a rome proceedings in the Medical Department ente the three offices ought still to remain divided

Sinisters，or might more con－ erul considerations．Mr．Simon is per－ tate that this question and others relating atribution of central santary work are being teted by the Ministers whose departments they as conrern．－Times

## Obtuarp．









 Yeat he took one of tho preferuroritu of All isoula，the roctory Univeraity；and four Yice－Chancollors 1 untic Examiner to the
Cook for the subject of his discourbee that porthon of tho eombatod the viowz of tho Millomariang．Thero soman－， elght in mumber，wero afterwards puhtinhod，and Lad a lingo
kale．In lat the T．ord Cliancellor appolntod him conon of

 bas abortonod his dayas Soon after ho entored on the dution of the soo，ho catablibiod an anoulation for the butlding

 Bociety and of the Feciesinatical Commistori， 60 lnoumbenolas wuro raisurn under bis guidaroo，in tho ahort apmoo of nino

 Bishop Waldogravo was a itrong supportor of tie Church，und ultra－Ratlonalistic partics

 of his brother，in Jine of thic pronast your．The berouy，
created in 1009 ，is now extinct． created in 1009，in now extinct
Lord MARER，Junfor Lond－Ordinary In tho Outor Houve of Thursilay mornsilug．The death la attributod to heart diaoose His lorishlp was olovatod to tho boch when tho Conser． mentas a judge in the Court of Becsfion be was sborili of Selkírkshire．
Ana HDReoox Joazis，M．A．Trasuror of Bt．Paul＇s Cathodrat， diel wr the 29th uit．at Brynstoddford，Denbighabire，hiked 80． degree in 1805，rnd to the followng year was ordainod by
Dr．Randolph，Blshop of Uxford．In 1800 ho was nonalnatod by tha Crown to the vicarage of weer Iname Fasux，which ho
 Who by that thme had boon ernnuferrod to the dloceseo or then in tho dioceso
Major－General F．Adays，C．B．，difed at eon on board the Tanj re，on the 19th alt，in his 618t Year．Ho entored tho arby in 1826 ，and commanded tho 28th Rogiment throughout
the Eastorn campaign of $1854-50$ ，ineludigg the battles of Ama and Inkerman，ziege and fall of sebstopol，and the oif ar if the 18th Jupe in the Cemetery．He snocoaded to the en－lallami of the brigade on Sir Whlifam Eyre heing whatised，nisl clasps for the Crimea；and in recognition of hid diftinguished earvices be was made a Companion of the Bath，an Owect of of the 3 d clase，with the Sardinian and Turkish modile．Hio afterwarde proceoded to India，and nerved in the Bombny Presidency，and was appoInted major．ganeral commonding tho Mhow division of the Bombay army in 1965，which ho had recently relinquished to returm to England．He was in the reocipt
gervicea．
Capzan Joby Foolet Flazagan，J．P．，D．Ih，disd on the 28th ult．，at his residence，Drumdoe，near Boyle，after ar 2sth ult．，日t his residence Drationo，Hear was the liberal candidate for the borough of Sligo at the last gencral clection． He was nephew of the late Chier Barcn woutte，brotier a Judge Flanggan，nad brother－in－law of the hal
Tha Rev．Jean MuDay，ministor of the French lepiseopal Church of the Savoy，in Bloombbury htrect，dick a fow day wase ordained a yinister of the Church of England in 1 ：10 He was preasated in $1845^{5}$ to the church in Minnmsiury－which has been under the direction of the Binhnp of J．andon，and has ueed the Church of England Líturgy，sinee 1681.
 House of Loris，difed a fow dnys since at the reaidence of hil son，the Rev．
in his yed yea

## faxartets．

HAY．$\rightarrow$ Per Load of 36 trumse：
Trade firm and supply moderato；prices rulc as follows． Prime Meadow Bay 80ato 100 ｜Clever，old

60 －1 120 at tol 1300
$4.10) \quad 110$ Inferior do．
 Straw

## Cistberlasd Market，Thursday；Oet

sup．Meadow Hay
ess to 9 el Inferior Clover Inlerior do．
Now do．．
Now do．
Superior Ciu
COVENT GARDEN．一0ct． 9.
There is no improvement in the tracte here，Stocks are heavy，and very littic businesh is bang done．Graper are very plantial condit of Pelargoniums，Mignonette，Fuchsias，Ishiums，

 Apulat of thine，lo it

| Applen pideve，le to dact <br> ruga，finat due，wo to to <br> T＇xerle，poe lb．，th to od Lireprom，per lla，la ed tei so Lemone，per 100，sa to 16 | Monitin，moth，le Bd tx <br>  proncion per bot． <br>  <br>  |
| :---: | :---: |
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| Garlic and slallote per lb | 1 Hosel． |
| ar |  |
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LEADENHATI MOLTRY，©C．









METROPOLTAK YEAT MABEET，－Oot． 8.

## Beat Freek Butter


to on od，i $\frac{1}{}$ by Pork，
MyPBMIUTITAN CATTLE KAREIT．
The numbar of Beasta la nbout the name as on Monday lant： supply of She p is numbualy short，partly acoountod for $\mathrm{l}^{\mathrm{s}}$ ，a


## 

## Best Scate，Here－ 2d quality Bomats

Thest Lonk

Half－bred
Buasts，4C．1；5heep an ！Lawals，11，i0 ：Calved，206，Jids， 110. Tho supply of Boasts fo not quito silargo pa on Thureing
 End pondey＇a quotation aro pretty well maintidned，＂Cofco Bensta Rnd 3.6 Calver

Bent Scota，Mero
fords，sc
2d quality licanta
Beat Downs and
Half mede
 Beastn， 735 ；Sheop and Lambe， 5565 ：Calves，é32；Pigs， 20.

MARK LANK，MONDAT，Oct
There was a modernto nupply of Wheat from Ensax and Kont to this morning＇d rasket，which mot a slow ale at a deciling cras fair，but the domand for foreton Whest was limated to retail purchases，it a reduction of 1e，per qr．Fine Berloy brought late rates，but fifferior doseriptions woro difficult of asle and rather cheapor．Thero was no change in the value of Beans or Poas．Old Onte were ls，per qro，and new a dull bale and 2n，per qr，cheaper．For
fnquiry，and prices were unaltored．


Fompat，Oct， s ．
Breepting \＆fow ehowers we bave had fine weather aince the














 in valua.

## Arrivals.


Foreign


Liverrpoou, Oct. S.-There was a fasr attondance of millers Whd dealers at to-day's market, but only a limited businnose in Frdayis rates. Fiour dull and \&d. por barrel lower. Indian Cord in fair request, at an advanoo of fad per prowe Beans dullt,
and ©d. peob bubeol lower. Oats and oatmeal dull, and rather
lower. Peas firm lower. Peas firm.

|  | Wheat, | Barley. | Onte, |
| :---: | :---: | :---: | :---: |
| Aug. $28 .$. | 5 ts 2 d | 325 id | 2 ca 2 d |
| Sept, 4. | 5111 | 368 | 268 |
| - 11. | 4910 | 3710 | 2511 |
| -18.. | 505 | 383 | 255 |
| Oct. ${ }_{2}{ }_{2}{ }^{2}$. | 50.6 | 373 | 256 |
| ct. 2 | 498 | 378 | $24 \%$ |
| Average | 511 | 368 | 26 |

## seed market.

Our narket is atill quilet, no speculation having yet sprung up for any kind of soed; the conbumptiredemand, as is usual
at this titoe of the year, is now very linited. Finter Tares are in fair request at high rateb. A supply of new Dutech Hempseed bas now reachod us, which meets with a brisk demand. Conary and nll other seedh are without altoration
in value. Joks Skaw \& Sows, 16, Wator Lane, E.C.

## ENGLIEH WUOL.

A fair amount of busincss has been done, and there appears
a moro geveral disposition to purchase, at fully late rates
though an advance is only a though an advance is only very feluctantiy glven Curareat Pricer of Englistig Wool. per Ib.-s. Haif-bred ditto
hent Fleeces
Southdown ewes and wethers
Sorry-Clothing


$\mathrm{M}^{1}$ESSRB. VEITCH AND SONS wish to ENGAGE PRERSON thoroughly compentent to und tertake the Cultitho best storopagation of thectr Collection of Ferrus, incoludilig all

$\mathrm{M}^{1}$ RANSLEY Landscape Works - Marderzr nid Gardes Anchizect, in in. Landscape WANTE W FOREMAN, Who General Out-of-Door NURSERY


WANTED, an experienced HEAD GARDENER,
drem.
 Wan ANTED, a YOUNG MAN, to take charge of a

 W ANTED IMMEDIATELY,


W ANTED, \& young single Man, as ROSL GRUWER;

W anted, as PRUPAGATOR, a Young Man having
 7, Edem Quny. bublin.
WANTED, as BAXLIPF gnd GARDENER, for

 $W^{\text {i }}$ ANTED, an intelligent Young Man, as JONHOR


W ANTED, a YOUNG MAN, with a good knowledge

 WANTED IMMEDIATELY, a Working Gardener


WANT PLACES.-Letters to be Post Paid. F XPERIENCED GARDENERS (or as GARDENER


## WM. CUTMEXER and Under Caxdeners.

WM. CUTBUSEH AND SON beg to state that they

MI W. M, PaUL bers to announce that he has made
 as to corvices, Frourrod gnd wagos given should be forwarded Fith To cardeners and Bursenies, waltham Crose, Londion, N.
J AMES CARTER AND CO (Head, Foremen, or Under)
 unaneaslonablo referoneos need apply,
Any Lady or Gontieman requirig GarDeners or bailifrs
may

GARDENER (HEAD), - Age 36, married; understands Agent, wirmblecton, S. W.
$G$ ARDENER (HEAD). Age-40, married, no incum

(YARDENER (HEAD).-Age 35, married, thoroughly

GARDENER (MEAD).-Married, no incumbrance;

CAKDENER (BEAD),-Age 26, married, no incumIn all 1fs branoles Can be hlybly recommended. $-H$. Fr., Poast
CARDENER (HEAD). - B. RICHARDson, late Head Warwickskife wibhes a ro-engagement where a thorough practionl exparibenced Man in required. Disengased in consequence of the GARDENER (Hrad),-Age 38 , married; thoroughly

CARUENER (Heav), Marxied, no incumbrance

 To Noblemen and Gentlemen.
O
GARDENER (HRAD),-Middle-aged, married, no oranchos, and perteotly capeble of undortaktng the mosstit reponsiblo
 ,


(GARUENER (HEAD, Working) - Age 25 , no in-



(YARDENER-Age 28, married, no ineumbrance.
C $\overline{\text { ARDENER A Age }} 40$, married; thorough practical

GARDENER.-Age 27, married: understands Early

GARDRNRB (8nvGLB-HANDED, or otherwige), -
 CT ARDENER (UNDER). - Age 19; strong, active,


HurkMan, 1 m a Nobleman's or Gentleman's Garden. -age 2so singlo. Unexceptionable roferances from laat
LOR YMAN (age 21).-J. Bolton wishes to recommend
 HOREMAN (are 25)- - WILLMAM STEWART, Gardener

PRUPAGATOR (GENBRAI) -
Camelles Copation (Hame nid sort-wooded)-UD in An and


A GENTLEMAN To Landownens.
 A GENCLEMAN is anxious Lo recoo sin
 IMPROVER, under a good prave at

A SSISTANT. - Age 18, reapectable


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\begin{aligned}
& \text { SHOPMAN, SHOPMAN } \\
& \text { MeASSISTANT SALESMAN } \\
& \text { Mesms. PAut Sont of the Chesi }
\end{aligned}
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C ORNS and BUNIUNS,-A Gentleman, EEA:
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 Whan andion and contraction of the metal, an occurrence so frequent and fatal to all forms of Cast-iron Bolers.
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AD HOT-WATER APPARA1US MANUFACTURER TO THE COMMISSIONERS OF HER MAJESTY'S ROTAL PALACES AND PUBLIC BUILDINGS,
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 Whe best shading is "Frigl Domo" Netting,
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An trimproved makie, 2 yniris wide


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H0MAS MILILINGTON AND CO., NEW LIST for OHCHARD-HOUSE GLASS ng mupp Hod to Her Mapery the Noblity, Gentry, Mr. Rivers, and the loadlug IIorti-
cuitaruste of the United Ktngdom. orchard-house sizes.
 SMALL SHEET BQUARKS, 16 oz, per 100 feet
 Far 100 foet.



SHEET QLASS.
In Sbeets for Cutting up, averaging from $C$ to 9 foot super.


HARTLETS IMYPROVED ROLLED ROUGG PLATE in


 WHITE ZLSC PAlNT, SGs per owt On hundredweight of pure


 Ordinary workmani Propared Oi kor dítto, 40, por galion,
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The conpaning adrance money, anilmitted in amount, for alt pur-
pose of Agricutturat Improvement, includlng the ereotion of Cot-
 apon the land, redoeoning princlopal nad
For Forms and frither information sply to GRANVILLTR R,
FYDER Forman and farther information 3pply to Granvitite R
Storeg's Gate, werting Lectures to Working Men
$R$

## Evening Lectures to Working Men.

R The FIRST COORSE of this BESSION, consileting of SIX
Octeber FR, ANKLAND, FR R, will COMMMENCE, on MONDAY,

N.B. Onify one Tteset oan be issued to each appleant, who
requested to brigg his name, axdires, nad occtpation written on a piece of papor, for which the Ticket will be exohanged

TRENIAM REEKS, Registrar.

## 

The Court in Scotland.-On Thursday, the 7th inst, the Queen held a Privy Council, at which the Prince of Wales, the Duke of Argyll, and the Lord Adancellor were present. Mr. Moncrief, the Lord Advocate, was sworn in as a Privy Councilor, on appointment as Lord Justioe Clerir in the room of the Duke of Arpyll and the Right Fion. James Moncraiff left the Castle. On Friday the Queen Cobury, Prineess Beatrice, and Prince Loppold. In Leopold, Prince and Princess Augustus, Prince Philip Leopold, Prince and Princess Augustus, Prince Philip and Princess Imelic of saxe-Coburg went to a dance
given by the Prince of Wales at Abergeldie. The given by the Prince of Wales at Abergeldie. The
Lord Chancellor Jeft the Castle. On Saturday the Queen, accompanied by Princess Augustus and Princess Amélie of Saxe-Coburg and Princess Louisa, aroye to the Linn of Quoich, and afterwards visited the
Earl and Countess of Fife at Mar Lodge. On Sunday the Qarl and Countess of Fife at Mar Lodge. On Sunday the and Prinoess Peatrice atterded Divine sorvice at the parish church at Crathie. The Rev. John Macleod, of Dunse, offioisted. On Monday the Queen Frent out. Princess Louisa, Prince and Princess Augustus and Princess Amélie of Saxe-Coburg, ascended Lochnagar. the Castle as the Secretars of State in M.1, arrived at Queen. In the evening the Prince of Wales dined with Princess ises. On Tuesday the Queen the Princess Augustus of Saxe-Cobarg. Prince
 Marquis of Huntly to shood in H . Majesty and the Princemoyne In And Princess Augustus, Prince Phil Amelie of Saxe-Coburg went 10 a
given by the Prince of Walas tenants on the estates of Balm
Birkhall. According to the pres Queen will leave Scotland on N rrive at Windsor Castle on the
King and Queen of the Bolgians sil King and queen of the Bel
pav a viat to her Majesty.
TIIE PBINCE
 accompanied by Prince fughtu-s -1 Ph Sixe-Coburg. On Thur-lay, tho
Highness was present at tha Privy Co Queen at 1 dal moral. On riday ins Royal \#iphness went to Abouth over the coverts of the Marquis of H tenants on the Royal estates, 就 whet Royal fanaly were present. (In Tredoe Edinburgh by the afternoon trant frem Royal Highness arrived in Filinbure drove to the Douglas Hotel, whers LPrince and Princees Cimboti William and Lady on Monday. nesday their Royal Highnesses visit spent some hours in visiting tho med places in the town.
SbRTOUS YLINRSS OF THE PML Earl of Derby has been for some days atteok of gout more severe than any ship has suffered for yearse On Mond
state was considered so serious by the ants, Mr. Miller and Dr. Bickont and Mr Gorst, of Hilton thas Lond graphed for and arrived late that ni reported at Liverpool that his Town Hall was conse, huently lowere and the bells of the paris Alag remained at half-mast for the report of his lordshin's deat dicted, and it was announced that hil iomaned unchanged since , Duesday night his lord a very dangerous atate, and for slong insensible. He was then a little belto 11 on Wednesday moraing he was main consciousness, and rationally answer which were put to him. On Wedn mip moa issued in a precariom during the day some of the most u passed a restless night, and at an
dey morning appeared worse, and a bullatin atating that there hard been $n$ morning. The bulletin issued in the tated that there had been a very slasti during the afternoon. The late shin had passed a quieter nizht, uufarours presented themselves jesterday morninz of inquiry have been reccived at K howiles Princess of Wales and Prince Cliristan. The Peerage, -It is reported thats been offered to Mr. Robertson,

## Berwickshire.

The Bishopric of Carlisle -lt on authority that Dr. Harver Goodn. will be promoted to the bishopris of cishor ffered to Archdescon Durnford has beon on authority.
Parlimentary Motembyts-Tha e East Cheshire took place on stir returned by a majority of 1093
numbers being 2905 to 18 . Aberdeen have dofinitely fxed on Mr. An Jordanhill, as their candidate
election. Mr. Smith has consented the reported that Lord William Hay, in the Robertson being raised eral interest.
SCOTTISH LAW APPOINTMENT Rutherford Clark, advocate,
Solicitor-Generar or scoland,

KNIGHTHOOD.-The Queon has patent to be passed under Kindom to Syd Esqu. Chief Justice of the Cape of God H
ORDER OF THR BATH.-F Alfred
for the appointment of An
Buildings, to be a Civil Compgnion of
Consecration IN Werley to tha
will take place in Westminster 1 bbe
Thursday, the 2 2th inst. chan
The Nbw Barongictes.- The Ger the
ntained the official announomet

 $=2$ amivivitu
 15，at． 1 ，ant d：T，Derby
－1，of Illerton Tuner，II oniton， 4 funos－I rase of yellow fever


 n＇Giber Bases were inplehendei 11 upe．

## froxeig．

f．alperor ment．Cloud on Tuesday hipre the Ministers joited him on that in consequence of the disordere in from sereral meetines，it has atting in force the lav investing the
with power to stop any meeting noider tikely to disturh the public
neterng was hed at loelleville on i．．e presulentey of M．Lissamaray at Talet $t$ srecebes wero delivered．The
inalled，but the crowd rensted the stuasle ensued，during which a few ［3adivard de lipleville，shouting， a bise minderch．＂＇This jerson was la loul recensed no wound at all．On tim In evemings there were other neet izand Irime disturbetly，tho authorsties having 1as．Ir il quietly，the authorsties having a muil on zealnst any disorder．The Rappe ＋rlirages the idea of a manafestation tin 2nth inst，and advises the deputies \＆et to lerare thenselves absolved from rechont I ywl］be with you．This Hincl it．＂The Monileur de＂Armé mperor has not deemed it neees－ary
sincy in the command of the fint sancy in the command of the fith A meetung was helif at Rouen＇on Satur－

 parsons were jresent M．Pouser dent，who was recelvel with grent in the ibrogetion of the commeromal －apatible with the government of the cometry．Lhe Bustiop of Ajocrio and sturbances of a serious character Auban，A veyron，on Thursday and ek，ua consequence of a strike atuong mpted to drown the chief enmineer of int wounded the Sub－Prefect and his 4）a，so burnt the general stores and ware－ stupany．Uu Friday morning an actual 1 Linon when the mob attacked the waral inore of the rioters．On Suaday ＊is，the others employed at the formes followed ripp as soon as a supply of coals had （ ）meatredinnocition men are at work，and ．．romedtiand M ．Callon received full powers it interest in the on strike in a conctlatory forest in the Pantin tragedy has bect murdored children，had been found in w monns，between Ollwiller and Wattwiller， －monnds had been found on the body，and ser：hers to have oceurred about six week black． Grime nothr has proved to be without foundation． ＊＂tom has made up his mind to brave the －Ther remaltica decreed against him by the hise carmelites in the event of his not oten days＇within ten days．On the day fone tord States．He intends，however，to ＊ane towards toe end of the year，by which $\rightarrow$ ine real business before it．
flegrams from Spain continue to lunteers provinces．In Saragossa $H_{1}$ in some prisoners，and a sanguinary fieht －a issted 21 hours，and ended in the defeat －＂ronts．each party having lost a large number 2nirgant－On Friday and Saturday the mentras that the Gettacked the troops with such Mter reloforrements．On Sunday there was hosthties in the city，in order that ofernment troops dead and wounded．O






 o small groups of inmurzonks，who avoid enoounter railmays and telegraphon In Cetalonis the band of defeated at Junquerim，clonen，
tu have turned dationt cloos to the French frotior，and frontier．In the same prot wow invo insurgenva are
sud to have law dumb ilseir insurgeato have submitted themeatre，About C00 vince of Thrre sona，Gerong Lerida，and Baroulobs Pajar it Old Castito is in insureotion，sod the
peaceful inhmbitants huve abudomed tho fowtion ts the ineupgent population．Tho Municipality
of turnel，nided by the Voluntears da la Labertad
lias t po lamed the f？ Grenade the Voluntears rosisted the order for their
 and foldsa The two insurgent leadort，l＇an gena．Cabecolia und Carlas，lanve leena shat at Thi Senor Saser，a meniber of the Curtes hav beth kion I it threutpoed sith assanimation b！Repuboremm，man！hat Soft the country for Portural．The other Republiont Deputionare bocreting themselveg，owing to a rumoured them by pirtue of the Liberties Suppension Aot． 1 li



 hose Ibeputies who have jumed the msurreation ： reat number of lejemhlin in ajere have been
 in the outbreak at Saraugness，has heeat arreatea General Prim on Naturday hell a grand ruskess in tho troops in the capital，muntering akw to ls，Ma，i number，evadently with the mientan of fhowns lum real malatary strength，and to diafove the chareat． rumour that the grarran hat leeth realueed ing batac！－



Corluva，The anhabitauts of Dladrud 1 waso lectu $111-$
ful，in order to defend their houses from pillage in case of a riot，and precautions have been takell against a surprise of the oflices of the Miustry of the Iaterior， which would put the insurgents in possession of the telegraph wures．Tho lemublicath mubs have also be els ordered to be colosed．Numernth Camiless have taken alarm 11 the south of Dpana，and have souglit refare at
I＇anger，
I＇ucssin－The Provanal Correcpondence of Wed－ nesday says that the friendily recelvina wholl the rown Prince of Prussia meti with dumng his inte Court of Austris is quito as mucd alive as is tho Prussian Government to the importance of drawint closer the friendly ties which formerly existed between the two Courts．The Prussian Budget was presented to tho j）jet on Fridzy，and shows a defferk of nearly five million and a half thaters．In the sitting of the l．ower House of the D．et on Tansday Herr Lowo put aquestion to the $\mathbf{~ i n} 151 e r s$ relative to the concescion of the premum lonn of 100 milions to the 1 ）iseoun Company Berlin Herr Bram pronoved that the Government should be requested to introuluce a Bla abolishing the principle of premium loans wathin tue orthing the Confederation．The Finauce Minister atar in reply that the（iovernment sure ama at tated repleme of the cuation but that iad no longer any objection to the premium loan，sunco herehy a foreign market eondd be ofrencod to the Prusian funds．Vetcrtlales，the fote of the is et wonld be daly iaken into considematom，A Bhock of earthquake was felt along the Ruine in the niph between the $2 l$ and 30 U U thber．It was but sli，ntly felt at Bopplard ami（calozhe，hit in lice introme amt localities of Boan，Coblenz，and Nouwred，it was very alarming，In some places the inhabitants rushod into the street，believing their houses were sbout to fail on them，domestic fowl laft their roosts，and a how rumbinas noise was heard．The undulation at lamed about two seconds．
BADFN．－In the sitting of the Second Chamber on Monday，the treaty with the North Gemman Confectera tion，whereby the subjects of the Grand Duke wil be allowed to serve in the North German army，and onls rersíc，Was discussed．The treaty was adonted，only hree dissentient vote
Actstrala－The Cromn Prinen of Pruscia left Vienna Acstra．－marday morng for Venice．The Emperar jre． sented several of tha suite of his Royal Huguness with decorations．The Emperor Francis Jogeph will start or his journey to the est arrankements，will pro ceed from Pesth by rail to Hasiasch an．thence by teamer to Bustohuk and Varns，where the Austrian
 Napoleon，the ercavathons oxeouthed by bis Majesty＇s
ordere and at his not have proiluend ment palmable ordeps and at his nowt have proilued meet ralumble
 enember of the l＇aris dealemy of the line Arts，lave



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 mused great destruction Sirtera．Terson．were hiliend on the spot，and ohters severely injurril．
Tt＇Bk Bi－The Impertal yarht Ahnte，w the the Fim oress Eukenio on boari．fmeredel bs the caltan＂ saeh！，and aitebdel by Einchish，lreas li，I Lalasn，and llussian despatis－hoat earrsing the anubavalors，ath the Turtioh iron－ded squasl rob，under tae emmmand uf Thmaim Pashe followink in the rear，arr．sed in tho Baspltorus on Wednesdas afternion，abd fromeplest to the Palame of lealerbey，on the Astatie thare．On the arrival of the Empleses in the bimplo．

 samt Iikie dippen hler liak when the qualron arrised



 wipe mannad．The thalite theti mentit．t．t．I＇a the of tholma Bahtm．a，ar $t$ a Ifter sunset the Bosphorus，and the manarets and mosques were lighted ap，and a genernl illumination tuok place and fireworks wera displayed from the Ses of Austria will arrive on a visit to the Sulian early November．Fusd Pachas nohtical testament ars．Candish and Xeatmont lare innamal therr inquiry at Constantinople，anil offt for Smyrna． Several witnewes milp evidenco of extmaragant expen－ diture for the 4 bysinian exyerition in Consiantimopie． There was a heary male last week in the buark sea， attented by reveral whipping dicasares．
 foundered at the entrance of the basphorus amilat seven were saved．
Borry．－The ineeroy is at Carm，and them is no IIs Hehness basengazel all th，e vacant hauramas on Cairo，as well is all the disposable rehicles for the open－
ing of the Suez Canal. The price he is to pay for the his guests will be lodged, boarded, and driven about or nothing
Cape of Good Hopr. - Accounts from Cape Town to September 5 state that the Parliament wha engaged making all relimous support voluntary had beon Twells was alleged to be on his was to Eurland, under an assumed name, , n a salling shy from Natal. The large rans of sno The Tatin goldfields wero turnow, out sery satisfac-
torily. Sareral new diamond discoseries had been INDIA, The projected Durbar has been abandoned, in consequence of the prevailing scarcity and the
famine in Rajpootana, The Duke of Edinburgh is
expected at Calcutto on December 20, and many Indian him Th Viceroy will leave Simla on the 19th inst., will visit
Nyneetal Halls ( P ), and reaoh Calcutta on Nov, 8 , Mustralia, - A parliamentary crisis has arisen at Government is peading in consequen of thee having nominated Mr. Rolfe (Who is not a member of Parliament) to the post of Commissioner of Customs. The supporters of the Ministry are indignant at this appointment, The Legislative Assembly has resolved the smount by 10,0007 in in hye yat the founder of the colony, is dead. Kenealey and the other pardoned Fenians have been expelled the colony under the Criminals Influz Prevention Aot. In New Queansland in accordance with which a monthly mail is to be established by way of Torres Straits, to alternate with that by King George's Sound. The captain at Sydney. It is reported that the Fiji Islands have solicited an American protectorate. In South Australia a telegraph line is about to be laid from Adelaide to the north-west coast. The Queensland closed. The electors of K enmedy, in North Queensland, have elected, by a majority of one, the light Hon. the Queensland Parlinmesentativo of that district in the Queensland Parliament, because he lad expressed
himself in favour of separation from the south, on the alleged ground that the northerners are ground down by taxation for the sole benefit of the southern part of the colony.
N EW Gralastd. The colonists have agreed to offer rebels are quieted, and no further massacres are reported. Earl Granville, in his last despatch to Sir George Bowen, refusing the aid of Imperial troops,
states that there are three alternative principles on which the relations between the coliny and the Home Government might be settled if the losn of troops nuslat manage the war according to itc on justice and expedienoy; but to this the colony
would not consent. Secondly, the Home Government maght lend its name and let the colony drag it through whatever doubtful byroads of polios it not agree. Thirdly, there might be Imperial troops subject to orders from the Horse Guards, and colonial troops subject to the Governor and his authority may be conjectured even from the experience of the former Maori war. Lord Granville therefore gays that there is no alternative between making this resources out of it ontirely, He sepys that it is imperial whether, under zny circumstances, the Government would be justified in taking back the conduct of New Thealand affairs, which it yielded up at the colony's 'own desire. If it did resume the burden, it would certainly do so only on condition of the colonists consenting to the colonial overtures betray not the faintest symptom of willinguess

## Goverament.

died on Fridey Grant on Friday at Concord, of dropay, aged 65. President Grant has appointed General William M. Belknap, of Lowa, Secretary-of-War, in the room of General Sherman. At the Pennsylvania election, on WednesGovernor by a majority of about 5000 . At the Ohio election on Tuesday Mr. Rutherford B. Hzyes, RepubAt the Iowa election Mr. Samuel Merrill, Republican, The vote was smaller than usual in both States, No The Nem Yadiana or Nebraska have been received. The New York Republicans have nominated General Sigel as State Secretary, and Mr. Horace Greely State
Comptroller. Ex-President Philimore has bee elected Comptroller. Ex-Presideat Phillimore has been elected sittiag at Nashville. Mr. Boutwell, the Secretary of the 'Ireasury, made in speech on Saturdsy night at the Administration of General Grant who fully deserved their confidence. He deprecated any expandebt of thould be paid honestly and that the national its equivalent. Since March 1 the debt had been country was still crippled by the late war, showed the ease with which, in vlew of the rapidy increasing The present system of taxation would could be paid. reduetion of the debt by $100,000,000$ dollars. He

World in the capacity and honesty of the United debt at a rate of interest not exceeding $4 \frac{1}{2}$ per cent. mulated property, in order to relieve the taxation of he poorer classes; and he hoped that the coming elecparty, as the success of their opponents would injure Davis arrived at Baltimoreon Eriday. The Cuban privateer Hornet put into Cape Fear River, North Carolina nsurgents at sea after leaving Inalifax, her name being changed to that of the Cuba. The Government autho ton, where the Government has ordored an adjudioation by the Courts, and has held the oflicers to bail
preparatory to their frial for violation of the neutrality preparatory
laws his vemmander has since demanded the release of his vessel on the ground that she cleared from
British port for Cuba. The decision of the authorities on the subject will be given to-day. .Eastport, Maine, Was entirely destroyed by the recont high tides. onthusiastically received at Montreal on Saturday,
Monday week by storm and high tides at New Brunswick. The loss is estimated at several million dollars Perd and Chill.-Great consternation existed at Lima in consequence of news having arrived of very Bevere earthquakes in the southern provinces on August 20,21 , and 24 . A large quantity of property were frightful. At Iquinue and Arioa the sea receded with fearful velocity, and returned 6 feet beyond the usual level several times. Business was totally paralysed, and Arica was deserted. Several Ehooks of nothing like so severe as those that were occurring almost daily in the south of Peru.

## Tity intelligence.

Money Market, Friday. - British Funds Consols are 938 to 932 for Delvery, and $93 \frac{1}{2}$ to 989 for
Account; New and Reduced Tiree per Cents., 91 , to 914 ; Bank Stock, 236 to 238 ex div.; Exchequer Billis March, par to 5s. pm.; June, 7s. to 11s. pm.; India Five per Cents, $113 \frac{3}{3}$ to 114. - -Fokeign: Argentine 814 862 ex div. ${ }^{2}$ Ditto (1868) 76, Egyptian (1861), $85 \frac{1}{2}$ to per Cents, 811 to 814 ; Ditto Nine per Cents, $98 \frac{1}{2}$ to 99 ; Italian, 524 to 52 . . Ditto Tobacco Loan, $81 \frac{2}{2}$ to $84{ }^{3}$ to 852 ; Nicolai, 68 to 684 ; Moscow, 83 t to 83 ? Charkof, $80 \frac{1}{2}$ to 81 ; Apanish, 26 ' to 27 1 ; Turkish Five per Cents, 42 to 423 ; United States 5-20 Bonds, 81

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THE CITY,-A gpecial meeting of the members of the Bridge House Estates and Improvement Committees
 laid before the Court of Common Council on the previons day, on the subject of the contemplated visit of the Queen to the City, for the purpose of opening the now Blackfriars Bridge and the IIolborn Viaduct. The correspondence which has taken place between Mr. Gladstone and the Lord Mayor was discussod, and although it oannot be said that her Majesty has definitely signified her pleasure on the subject, there present the will permit. The City authorities are desirous, in the event of her Majesty being able to attend the opening of the new bridge, that she should also be present at the opentag of the Holborn Viaduct, which is contwo, and there is a strong feeling that both should be opened to the public on the same day. At the meeting on Friday Mr. J. Paterson and Mr. Deputy Fry were elected joint chairmen of the committees, but all
definite arrangements were postponed until the wishes of her Majesty were known. It is rumoured in the City that the opening of the Bridge and Viaduct will take place on Friday, the 5 th, or Saturday, the 6th of of Alderman J. C. Lawreace, M.P. for Lambeth, the present Lord Mayor
Bombry of Dr. Livingerons.-A telegram from Government has been published, stating that a caravan Which had reached Zantibar reporte Dr. Livingstone' arrival at Miyi. The road betweon the coast and Miyi Was open and safe. Small parties of men and another Dr. Kirk expected o latter from Dram says that dated Lake Banglewo, July 8, 1808 , saying:-"I hat found what I believe to be the sources of the Tive between $10^{\circ}$ and $12^{\circ}$ south." Dr. Liviagstone was in good health and spirits when the letter was dispatehed Public- of Bunhille fiezds Crmetery to tae sepulture, called by Southey the "Campo Santo of the Dissenters," Was formally opened to the publio, with ration of the City of London, for purposes of peaceful recreation. For the last 17 years it has ceasod to be used as a burying-ground, and was at one time threat-
ened with appropriation to gecular usez. The Lord
Mayor officiated at the ceremony nssisted by the Mayor officiated at the ceremony, assisted by the Earl of Shaftesbury, Mr. Reed M.P., Mr. S. Morley, denominations. Several of the speakers alluded to the
 pleteness and strength of buildings erected at each stomework of bo The landsome iron gates and stonater the front of St. Andrew's Churoh alen ath number of speotators.
COURT OF COMMON COUNCILCourt of Common Council Wrs hell, oflice of Lord Mayor A Besley, forma widening to the new Potlitry and Mt commititee on the improrement of was read, the conclusion of which was what effect the other improvement have upon the traflic. The bridge, Bridge is opened, though pedestrians T rope
official inguiry as Royal Military Academy at Woolnic Military College at Sundhurst has adoption of the plan, although to the training, and the standard admision to the Acrdem
admission to the Agadem
THE HIGH TIDEs.-The fate of was sealed on liriday. There is
record. The tide at London Brid was 2 feet lower than the springand on the sotuthern coast it was of eun was on the previous Wednesday. that of an ordinary spring tide Althoagh, howrever, the tides wers so coasts, they committed great rav
property estimated at several million Mercantile Marine Pensiong. Friday contains regulations Fith seamen who contributed 6d. a support of Greenwich Hospitai. service prior to January 1, 1835 55 years of age, and must hare is limited to the sum of $3 l$ ss. \& ye applioable to these pensions, and paid Pre Board of Trade, is 40002 . per $2 n 1$
Proposed Ratlwat Ixtersion the arplication of the Metro Way Company, for nermission to
minus in the new Mansion Ho referred by the City Commission application thll the nformation witl ananimousiy agreed to by the bo
Harfest Home in Tre CIT the church of St. Edmund the Acons, Lombard Street, was cro Minister, and the curate of


The chnounced for the co
grossed bel
and other furite
procession, headed by the Rev.
and took their seats in the
Fas ohoral, was then proceoded with clusion, Mr. Gladstone, Who Fore reached from

## Cessation

## The proprietor


best sort ander what were then the
a perny newapaper.
se success of the enormon
and the former has been justitied by the or arepted an 1 orgamu art.cles of the and causes

SbrPRNTINE.-In consequence of the eartions which have been going on for
the greater portiont of the bed of the Ser-
is ciosed to view, \& pool of water
"
Tz
 ar laniy hundrad fish calitured. The
 Bechlual the were phace in waterin?
the hurd lond in hensington 3is yor Lost Dogs,-On Saturday an remade at the Clerkentell Police court to mazi-trate's order for the removal of the
me at I-uston. Mr. Pavitt, the manager of ras summoned before Mr. Mansfield to the gubstance of which Was, that the ras stated during the examination that of the person who removed the dead dogs away any number not exceeding in the
tons a week. After hearing the evidence ons a week. After hearing the evidence
the mayistrate said that until something proved he should refrain from ordering of the home.
IN THE Critiam M'At the Mansion House, in the charge of embezzing and conown use Maryland Bonds and other amount of more than $10,000 \mathrm{l}$. The represented himself to be a stockbroker, fatarty had been entrusted with bonds add sold 100,0002 ., paying to the proYabout 97, (100)., while of the remaining
mas ane-ed that he had appropriated the his onn uve. After evidence had been asubject tho prisoner was romanded. On roung foreigner, named Buchler, was
te the Joord Mayor on a charge of baving uttered a bill of 18:) $l$, with intent to hasissute absut of the facts; but the defence
 ore the Court had no jurisdiction. The Lor
vook a different view of the matter, and intiThis intention to commit the prisoner for trial. Suppogzd Fentan Colonel Kbley.-In Irital last week returned a verdict that the C, one! Kelly was a printer's reader, nomed mith the Government still believe that Hortun was in reality Colonel Kelly. Kelly naere s.milar in helght, weight, size, looks, relred a bayonet wound in the abdomen, se neew Kelly and went to the bedside of the wor then looking at the photograph of Kelly, I and Marting were one and the same man. in eet it was elioited that Martin was in the otioe, Dalston, and he was absent for three Thatds the evid of $186 \%$ during which the 1 mascul of Colonel Kelly occurred. That Nothers who knew him well. A Kilkenny of the Daily L.rpress states that Edward , Dublin, and that when the Irish Ppople, Was employed, was scized he escapod and then came to England. repate1 "Cololy that he was none other "patel "Colonel Kelly," the latter having umed name. At the funeral, which took a lemann ding at Leytonstone cemetery, Huldit that the deccased, Fhether Kelly troutrist have held a high position in the and all ages began to assemble in Lincoln's continued to streets. Up to 12 o'clock bouring streets were blocked up by a people. The greatest order, however, wete to be observed. Shortly after ler the Whe to take part in the procession were the United Society of Labuurers mus-
Soco strong the meld mustere 1 the members of St. Patrick's
nearly $30(10$, while unions
 re green silk scarves, with a black crape
green rosettes arice man and woman the left arm, while rowetio or riband with the procession


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in




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coln inil Fields, acempaned 1 in ielegates from th

"Lats of ", which was rosponded to by wearly all present. The procession then took the followsang route
 Bow, and Stralfurd. There wa no hathe mterficen. A cily force donds all in there f wer to lamintite it
progress of the processou is in jnssed through t city tue procession comprised fulls (ukh) persons, walk-
ing six deep At Whiterhapel Chiurch it was joined by acontingent of at least 1000 , and hy other larme at Mile End, Bow, and Stratford, from which pleco the road to the cemetery was lined with crowds of people. that it was with the utme thates of the cemetary, and others immediatply concerned emuld obt mouradinttanco. A full Catholic service was then performell, in the presence of between sin il and (imm) pmpons. At the concluston of the service the crowd dispersed in a guuct and orderly manner
Pruposed Amenste to tite Fenity Priseners held a fess nights since of about Hhen persons, was Road, Noting Hill. Acrording to the nlacancla handbitls which were circulated, the olyeet of the meeting was "to promote the release of in marcerated and exuled patriots, and to urge upon the Crovernment ditronal release of granting an immediate ind trnconpining in Bratish prisons" I resolution to the folloning effect was carried. -"That it is impohitis on the onger in custody. that an con emen prisoncrs. Ireland shall be decmed squ, ifantert minfese ancom panied by a free and unerempitinal parton
the beat meners of and that their free 1, ind an what ho of Iralaud." -On Weduesday night a meating com-
nosed of sbont 1000 perroone
Btreet, Borough, to promote the in Union Fenian prisoners, Resolutions were carried to the effeet that the Government will act wisely as woll as release to by graning an immediate and alis and meeting to support the great amnesty demonstration in Hyce Park on Suoday, the 2 th inst. Some details were given of the arrangements for the procession on the 2th. The different organisations will march from their respectıve localities and meet in Trafalgar Square at 1 o'cloch. The "ladies" procession" will form on the will be headed by five horsemen, followed by the central body; after which will come the "Jadies procession;" followed by the distriet bodies, trades, benefit societies, \&c. There wall be bands and banners in the
T'he lite Fire at Bafswater - The adjourned inquest on the persons who were killed by the recent when Mr. Titheridge the occupant of the shop, was examined, but he could throw no light on the origin of the fire, Other witnesses suggested that it mught Lave been an explosion of gas. The jury returned a
verdict that there was no evidence to sbow how the fire originated, and suggested that a moro efficient fire station should be maintained in the neighbourhood.

Fatal Fibeat Newington.-On Sunday morning, shortly before $6 o^{\prime}$ clock, a fire was discovered at Newington Butts, on the premises occupied by Mr. Alfred M'Micken, a tailor, and his family, consisting
of hia wife, an adult son, two young chidren, and a of his wife, an adnit son, two young chidren, and a
female servant. They retired to rest at minnight on Salurday, when sil appeared safe. Atbout if oclock of his morning Mr. Mricken suddenly opened the door promptly ia attondance, with an escape, and the fire was speedily extinguished. The conductor of the $M^{\prime}$ escape succeeded in rescuing Mr. M Micken, alfred all threen, a chitd, and rescued. Mrs. M'Mickea and the eldest son were lound dead. The persons rescued were placed in a cab fr the purpose of being taken to St. Nuomas's Hosefficets of the injuries he had recoived, and the child Alfred died in the hospital in the course of the afternot so much solured as at first supposed, but 19 still in the hospital. 'Ine fire is supposed to hnve originated in the smouldering of some hot ashes in a dist bin, been thrown. The inquest was opened on Wednesday, but was adjourned to obtain the evidence of the servant, who was on that day too ill to be examined.
(mom Thipwlt to September so have beon rene. red al Milocoeded in capturiag the Tarkation of the live Natio. Tinné, and reecreting the soumbial of the late Mdile.


 Ithe T"en, and ther will he whoot sht in fram servants are expected to irrive in the the whes on Tre Wood Gerem Murdres. -It has been dis.
covered that 16 yeare aen Rapl, the mas. wio wis



 therefure bigamous, and the jpierson whom he then





 of the murders. There were cabs, carrianes, nothe oth.er webteles erowdel to an enormans calumit, whil the ommbinses that came down were quite fillad boll were frequanta! his rast mombere of pmopile. Ilefore 1 ridoch Arunken nien, minl women tom, wern keen Stugaing throush the eroned in ther was in ar from
 by auction at Ciarriways on Wodnenday. It was and pond detached subline in front sad in the rear 13 ound's fireen Road facing the Alexandra Park Palace, let to Mr. 13oyd at erental of 38t. per nanum.' The ron houso where the linsons lived is to be dwelling, whech had been pursuct of ot the last 11 yearm ML゙RHER Murbier inn St terdr Nrar Horvainw - On Hounslow the rachockige tragedy was cmur ted neay and infuenco in the neightourhood mon pontion


Kyezor the principal of whom, Mr. Lous Kyezor,
Kyezor,
about 83 yoar of
parial Sergeant of the local Voluntecr Corps, and a supporter of most of the institutions of Tounslow. Twirkenham Islerrorth, and Brentford, where he bad made himself very popular by his energetic advocacy of what he called "justice to the working people" His speeches delivered at the varinus public gatherings were always members of tle rifle corpe be wesalon wery papular, and he encouraged good shootine hy presentnof many handsome prizes. Adjoining his residenec $1+a$ row of cottages some prizes. Adjoining bis reainener 14 a row or cotages an oid gentleman named Thomas IIyen (Green, aqed 82. For nearly sil years he had been employed as a stamper For neariy sil years he had been employed as a stamper
at Somerset House, but for the last few years be had been living on a pension at Whitton, beiop a tenant of heen living on a pension at flitton, heibg a tenant of
Mr. Kyear's. The latter for some time had reason to complain of a nuisance caused by Mr. (ireen, and had threatened to obtain the assistance of the makistrates unless the nuisance nere abated. Mr. Green paid no wish to resort to extreme measures, ho wrote to Mr. Grenn's friends, nsh ine them to use their influence to persuade him to remove what was an eyesore to the neighhourlood. These letters having been ineffectual, Mr. Kyezor gave him nothee to quit. On sunday
night Mr, Green was observed to take diown three old horse pistols which he kept in the house, and to set about cleaning them, He then loaded two of them with heary chargeo of large shot, and put them aside. His housekeeper asked what he intended to do with them, but he told her to mind her owa business. It hud been
cuvtomery with Mr. Kyezor to leave his house soon after soctork every momme, aud to take a thot walk round the village. On Monday morning at 8 o'dook
Mr. Green posted himsolf by the side of the road, about a dozen ysrds from Mr. Kyezor's villa, having a loaded pistol ia his pocket Mr. Kyezor came out a sbout 20 minutes past 8 oclock, and Mra Grearn toois the
 dronned in the earth as if dead. Mr. Green, vith th dropped in the earth as ir dend. Mr. Green, with the before any one could stop him. snitched ap the second pistol, discharged the contents into his own heart, and fell to tho ground a corpse. Mr. Kiezar hingered in great axny until cueaday moznuna, when he dred been pronounced hopelass from the firt. At the inquest on Wednesday tho yury, after a shont deliberatinn,
found that Thomas Hyden Green killed Nr. Kivizoz Filfully, feloniously, and with malice a foret lioupht. an i in a second verdict, fonnd that insanity. It su cil while in a state ohporary iasamis. 16 Whalated
and that he gave Lord Harrowby notice of the Cato $\mid$ CHestrer. -The Prinoe of Wales arrived in this city
chango his name to IIfinn. It apnears, however, that Ifidon was the name of the man who gave the information, and there is no doubt that this was Green's real
name. The f.uneral of Mr. Kjezor took place on name. The f.aneral of Mr. Kyezor took place on Whrk of respect was shoun by the inhabitants of of peonle from the ncighbourineparmhes, including the
local Volnaters The funeril 1 rocessiou was nearly
hatf a mile in length. T'HR Prblic HEsiti--The Weekly Return of the Registrar-Generml states that in the weok that
ended on Saturuay, Oct. $0,41: 3$ births and 28,0 deaths Were regstered in Isundon nad in 13 other large towns of the Inited Kinglom. The annual rate of noortality London, 25 in Edinburgh, 21 in Dublia, 13 in Bristol, 21 in Birmingham, 25 in Livernool, 23 in Manchester, go in Hull, ${ }^{22}$ during the seven day's cnilng the thorinity in Berlin 10t0. In London the births of 11 week. In the corresponding weeks of 10 years 1859-68, the average number, corrected for increase of population, was 2081. The deaths registered in week of the year, and the average number for that week, corrected for increase of population, was 1312,
The presenf retarn is therefore 55 sbove the estimated amount.

## Tarobincial.

Braming Ham.-The first general meeting of the members of the National Education League was held in this town on Tuesday. There was a large attendmany of tho most forward promoters of the educational movement. in all parts of the country. Mr. George
Dixon, M. P., chairman of the Provisional Committee, was called to the charr; Mr John Jaffray officiating as treasurer, and "Mr. Jesse Collings as the honorary
secretary. The " list of members" inoluded residents in every county. On Wednesday evening a orowded and enthusiastic meeting was held in the Town Hall, the Mayor in the chair, Mr. Dixon, M.P. proposed a
resolution recommending the soheme of the National Education Ceague as the one best adapted to secure the education of every child in the country. The motion was seconded by Professor F'awcett, M.P. supported by Joseph Chamberlain, of Birmingham, moved the next resolution requesting the executive committee of the
National Education $I_{\text {seague }}$ to prepare a Bill, based upon the principles of the League, for introduction into the House of Commone during the nextewion of Par-
liamenk. Mr. Cremer seconded the motion, which was supported by Alderman Carter, M.P. for Leods, and
Mr. Lloyd Jones, zad carried. Blackburn,-On Monday morning at an oarly hour
Mr. James Eastham, a respectable farmer, brothar of Mr. Jomes Eastham, a respectable farmer, brother of Hurst Green, near Stonghurst, when three roughlooking men, with a dog, came along the bridge. Susyour game?" The poachers thereupon kicked and struck him, and then raised him on the side of the about 12 yards. A constable on duty in the neighbourhood at 2 A,M., heard Mr. Eastham's groans, and on going domn to the brook found him bleeding about constable carried him on his back to the Sherbines Arms, where it was found that one of his legs was was taken to his farm at Mytton, but faint hopes are antertained of his recovery. Three men were appre-
hended, and charged with the attempted marder; but as Mr. Eastham was not able to identify them, they were discharged. - On Monday the counby magistrates committod for trisal the five men implicated in the
murderous poaching affray on the morning of the $2 d$ murderous poaching affray on the morning of the 2d
inst., and in which two policemen, named Barber and Hipgns, tho displayed extraordinary courage, were eriously maltreated.
Bolton.-On Mo
Bolton.-On Mouday morning a desperato en-
counter took place between eight gamekeepers and 16 poachers, at Longworth Moor, Belmont, near this
town. The poachers had been previously suispented, and as they were passing along the roand, with three dogs, shortiy after midnight, the gamekeopers rushed
out upon them with truncheons. The poeohers retaliated, using as weapons, it is supposed, the batohets
employed in the manufacture of laths. Four of the gamekeepers wore dreadfully cut about the head, and posehers was is not expected to live. One of the off by the others white the keepers were removing their wounded comrades. Four men have been apprehended, wounded gamekeepers are well enough to identify them.
CAsDIFF.-There seems to be no doubt that the Red with a cargo of coals for Bombry Coundered in the Channel during the heavy gales which spopt the monish and french conis about the middle of last of Breat, and a preat quantity of wreok has been Whabed ashore on the coast of Devon, some of which had the letters "Red Jauket "painted on it. The Red at one time was the crack slip of nearly 2400 tons, and Star Line of Australian olippers.
on Thursday evening shortly before $60^{\circ}$ clock. There
were prevent on the platform to receive him, Mr, were prevent on the plathorn to receive him, Mr.
Gladstone, Earl Grosvenor, Lord de Tably, and the
Bishop of the diocese. His reoeption by the population as he proceeded to the Grosvenor Hotel was of the most enthusiastio description. There was D』BLINGTON.-On Sunday night a man named Fenianism, and who was apprehended some time since in connection with the murder of Philip Trainer, drew a loaded revolver on five policemen outside a beerhouse in this town, but was seized so suddenly that he was
prevented from fring the weapon. He was brought prevented froui fring the weapon, He was brought Thursday, when he wes committed for trial.
Doncastren. -Dr, Vaughan, while positively declinoccasion of his departure from this town, asked one favour of the mayor and town council, which he said he should value above any other recognition of his night, in order to prevent the neglect of the Sunday on the eve of the day of rest. No step of business on the eve of the day of rest. No step has yet been
taken in consequence of this request. EXETER.-The nomination of
ExETER.-The nomination of Dr. Temple to the tion by the Kigh Church party in the dioceses meeting of the English Church Union was hold in this town on Monday night, Lord Eliot, the late Liberal nomination was strongly condemned, and the ohairman and the other speakers strongly urged the dean and chapter to refuse their consent to the nomi
nation and dare the Minster to put in force the peralties of premunire. A resolution was unanimeeting for the purpose of nemorialisin the dean and chanter of lixeter to refuse to sanction the appointment. On Thursday a rural diaconal synod to conattended by 40 clergymen. After a long discussion a motion was proposed approving the appointment, but seconded. A second motion, asking Dr. Temple to disavow the opinions expressed in "Essays and Reviews, was lost by a small majority. A third
motion, recommending the chapter to refuse to the new bishop, was afterwards proposed, but negatived by a majority of two. Several of the clergymen present abstained from voting. The last proposition was opposed by the Low Church party, but memorial against the appointment of Dr. Temple is in progres., but the clergy will sign it as private indi$\mathrm{D}_{\mathrm{F}}$. Temple will be
On Monday morning William Taslor, the soldier
of the Central Crininal Coart for shooting lis arporal at tho Devonport barrache, Was executed
inside tho Devon county prison. Daring his imprisonment the conrict had shown great penitonco, and paid marked attention to the ministrations of the chaplain. A black flag was hoisted outside the gaol when the drop fell. Only a few stragglers collected in the road which runs alongside the prison. An inquest was This is the first execution which has taken place in he West of England under the new Act
Liverpoot.-The Church Congress was brought to close on Friday erening by a grand soirse and masical performance ither Geore Chall. Votes of thanks the Congress ; to tho Mayor and Corporation for the use of the Hall, and the ample acoommodation it had urnished to the inhabitants for their hospitality ; and thoy had made for the Congress. It had previously been resolved, on the motion of Earl Nelson, seconded by the Dean of Ely, that the next year's Congress should be held at Southampton. On the previous day there was a Rev. A. I. Mackonoclie was the princlpal speaker. Ho was received with great and long-continued applause, which showed that the signers of the protest agansit his appearance at the Congress were in a woeful
minority. In the evening of the same day a working men's meeting was held in St. George's Hall, uuder the presidency of the Bishop of Chester, at whioh the Archbishop of York, the Bishop of Oxford, the Bishop
of Sodor and Man, the Dean of Ely, the Rev. Dr. Taylor, Archdeacon Denison, Mr. Cross, M.P., and
wich provented his makiug hmaneif hearif moments; but Arohdeacon Denison was wable to obtain a hearing until the Archbishop of York patiently.
MADENEEAD.-This town has been thrown into a state of excitement this week by the frot that a nurse had mysteriously disappeared when the discovery was made, many rumours were aflost of the supposed insanity of the nurse, of the ditches in the neiphbourhood being searched, rivers ragged, and nothing found. The poliee suggested the propriety of searching the box of the missing rurse, with her, but no olue could be found at either of the railway stations. On Monday a raward of 1001. Was offered to any person who shall restore the ohild slive and unhurt to its parents at Kidnells Park. Th
nurse $1 s$ said to be an Irishowoman, and had

Freland

## Proposed Vis <br> It is stated that the wish ont Q

 visit this country next year, is likely toand that arrangements are in promen regal Lodge, with \& view to s visit frome th
THE IRIsE CHURCE-The Irish Church held their first General of Dublin was also present, and I of
attendance of the laity from all purt of
After some discussion it wre After some discussion it whs cartied in the futura Churca boiys suo. for members to reduire that
in each order separately tion could be adopted witho both of the olergy and laty.
two to one of the olergy
OHE ATTEMPTRD MURDER OP CAP
Queen's Bench, for a writ of certionari Gext month, to move for the removal on Galway of the trial of Barre AmNesty Mretings.-The I place on Sunday, and passo
cession by a devious and prontitut no general procession through the city, trades, with their banners and insigain, mo points, and proceeded to the plaoe of mow near to the Phoonix Park, Every p cession, 85 weli as those who lined green scaris or ribbon, and nearly alit It is estimated that from 80,000 to 10 assembled at Cabra, Mr. Butt pracided
the attempt to stop the provession had the attempt to stop the provession
trated the demonstration, and made They were assembled to doclare the in the council of the Government and the whole civilised.
of tuunder that the political prisomerx He believed the time for ar rimami that the question had gone beyon the release of a few prisoners. Mr. G that called jtself English public represent either the instiacts or of sanotimonious hypoerisy and outward Bwagger and half inherent infirm of purpose, which was not born of of the English people, but was the spawa gabble of the weakest and whinesk re the English social systom." He sasal
hounds of the English press " for thei hounds of the English press" "the mongrels, and the turnsp.ts
barking at his heels." He said that in Irishmen to differ from thair m
thing, until their masters condeqcen thing, minds. Whea Erglish
their religion it was sedtous to thers, when Eagishme
king from the throne it people to delend his cause; the throne to a German family, Irish people to laugh it their prest by moving a resolution to be an aot eminently caloulated and to satisfy the people. Mr. H.ese seconded the resolution, which ras carrea,
Mr. Ieverett, Roman Catholic praw, second resolution, doclaring
prisonment of the prisoners, ments of the people of Ireland, was calcu the strongest disoontert. Mr. Go Me
seoonded the resolution. Mr. O'D
Trades' Association, Trades' Association, moved the next by the Irish people ss a great conces of the Irish nation. Mr. . The chairmi a petition to Mr. Gladstone, whic adopted. The trades then mar, the bands piaying passed throutu flying and bands playing quietly. the The streets were parad people wore green rosettes and sashes the streeta the princip tions were priests, who led th distant.

## Seotlanto.

- af Eminut bull-It is announced Nh: c.rethon of a nurcemor to Brhop

 UC 1, "r)n formerly MP
-l:ITt to the Eabl of Statr.-On tani i Stair, who is at prosent the guest rith s numerous party, when a gun. bout 50 proes behind him, accilentaty $n$ its contents in his left shoulder an ! pooetrated the left ese. Lord Stair was ad to Killoohsa Castle, and a telegram Glesgow for the assistance of Dr. Wolfe, an rould be necessary to perform an opera. to ave his lordship from total blindness, is without the necessary implements and in an operation, and as no communioation ashagraph not working on that day), it was yand Iy forenoon that it oould be performed. $\therefore$ ir pert of the socket, showing a very irom penetration of the brain, and conis death. His lordship is progressing convalescenoe. and under mediogl treatment but it iil be able to leave for Lochinch, Wigton-
Heste on Dreside.-It is stated that the Wales has purchased Dallyfour Woods, south side of the Dae, between Ballater idie, and that ns it has been found that a portion of the timber is going; Wronk, soco trees are to be cut down, in order to
 is about to be submitted to the Town himburg ior permission to run a \&iteam
therland Golppirlids,-The licences for -3 ming arready left Kildonan. As there is no What already left Kildonan. As there is no 4men out licences, and it is expected that - ra be only a very small number of diggers at os esso i rams tried tho patience of the men very anm iLs. ta. 20s. a day each man. Those who Were experiemoed hands, who
and approved appliances for plid from the earth.


## 3aflwapy.

doctosar on TEE MIDLard.-On Saturday 1 lightina socident occurred at the Long Eaton二, near Nottingham. A number of special varno Midland district had been running for xammoltion of visitors to the great October fair
among these were three specials from - tro of which were despatched from Nottingthe evening, which was ercoodingly fogeg. ist 11,40 P,M, and when it approached the
Junction there was a luggage train diswis Junction there was a luggage train disrisi the gpeoinl running into it The luggage 13. got aray sa quickly as possible, but in the - fani Nottingham, the oficials not being aware Evi, wa, ind been delayed : as the night was so fogey is mal train ran into it with fearful velocity. -an-1river and stoker eseaped uninjured, thougt Then a the engine. Seven of the passengers 2an In promos klled were all factory hands onar bollez Joieph Day and Richard Cuflın, -Thert factory girs ; and two children, named Qan 1 John Parrott. Fight of the Founded Nen me herby Infirmary, four with fractured
of tuem, Jane Parrott, the mother of i ma so badly freore killed, was found to a matach it, At the inquast on Mondas (Thmed a verdiot of Accidental Desth, and culd that the blook system should be adopted, F watred to a jon the line said the directors haa

## Epoiting.

Hit net Secont october MeITIN






Iund Dyaevor died somewhat suddenty ous tho tha inst, if his health. The late RIIght Houn. Geor ze Mica-Rico Trever Baron Dynevor, of Ilvinwor ( wstle, ewnty if Cormather, in

 death of his father in 1852 . For 20 yoarre provlounly ho had reprosented Carmarthenshine in Parliament an Colual Bleo
Trevor. ITo wos
and Ja less way anolntel 1 Thlt aide-do-carap to th Ouean Militine, and ho was appuinted Honoraty Collonel of the Royal Carmarthen nnd Fembroko Artillery in 1sfl. Hia lordship
married in 19.4 the cldest danghter of Lord Charles Fitaroy, by whom he leaves threz dund it res. the Hon, Lady Bataton,

 Rice, Dean of Gloucestar, born in 14it, atd Vlcar of Fafriord, th uceasterkhire, alnoo 1828 .
Lady Carolive Burgess died on Tuesday hast, aftor a loue
 Hilh, Galway, Sho marriod, in '1833, Mr. Johe Yayr Burges
of Parkanaur, Tyrone, and Thorpo Hail, Ewoo, and hat leit of Parkankur, Tyrone, and
The Hox. Mrs, Jorn Boyle diod on the 6th inat., as of Lady Cbarlotto Boylo, wifo of Lond Henry Fltergerald, Borl of the first Duke of Leluator, the third Baronesat do Ros, an 1 mother of the Iate and of the proesant poor. She married in
1835 the Hon. John Borle meocond wor of the oifhth Earl ut

Mr. Woonward, libearima in ordinary to tho Queen at Windsor Castle, died on Tuosday lasti. He was a man of of Walos, a history of $A$ merices, and a local history of II, mp shire, was Rditor of the "Fino Arta Quartorly Roview ", and was lately ongaged on a life of "Loonardo di Vinci," Ho
was bom at Norwioh in 1816, and gruduated at London Univarsity.
Mr OHARLem MAmon, amontant mannger of the f inilon and Yorth-Western Rulway, dief a few days knoe. 1le becnmo
connected with the railway lusineas at on uarly age, and connecter with the congiderable athity in the tr ffic dopartumertit uf


 at Stoke Regis, azd the funeral was attondod by a very large at Stoke Regis, azd tho funera was athebdod Gy sery lat

Wiuls, -The will of Mr, James 8idebottom, of Manor House, somalty: Ifr. Wiliam Sinolair, of Sowerby, near Thy fral, $50,000 L$,
 Tngledew, 3000 .

## fatarkets.

HOPB.- Bonovge Bhrikt, Oct 16.
Messrs. Pattondon \& Simith report a steady dernand for consumption, lato prices being fully mantinanedi stocke to getaing minch rituc

COVENT GARDEN - Oct. 16.




## NOLLSH WOOL

Thevo lina boen a mbandy bendnces dofing at comowhat har.
 Culamer Pacha or Exalma Worh. por FI ELC'SN-Southdown bogretu

Helf-bred dit to
Bouthdown owee end wethons
Dotecmior ditto
combing
leadinheall poultry, ab

metropolitan meat market - Oct $1 g$
Beat Fresh Butter

metrofolitan cattle mareet.
Moxpay, Ust. 11.

- The numher of Beasaxte is not, qit. quite no largo as on Monday
 throughont. Choice Colves aro scarce and dear. Our
 frum the Midlend aud Nortacra Countics.

Best Scote, Herc-
fords, ta. .
21 quiality Hoastis
Best bowna an

Beasts, 448 ; Bheep and Lambe, 15,430 ; Unven, 102 : Pige, Ito. Thermat, Oct 14.
We have a fair supply of Bearte as to numbers, but cholet quanties are not Ifintiful, the lrest descriptions are resijity
disposed of at rather higher rates. The number of Ehoep on
 and dear. Our forsign aupply consist of 407 Bentes 80 nop, and 300 Caires
Best Scots, Fere-
fords, tec. . 5 上 to 5 | Best Lang-woots 5 . it to 5 , it

$0-4$
$0-510$
Lambs

MARK LANE-MnNDAY, Och 11
There wna a modertite mipils of Wheat from Fiwse $x$ and Kent to this matning's market, the fincat samples of which wers diaponed of at a decline of Ia per gr. The attendanco Whe
 and in some instatncen in reduction of ins per qr. Wistabed its late value, but otber descriptions wore dithoult of malc and cheaper Beans and P'eps were unchanged in value Outa



Naway







## per batrol ${ }^{32}=$ Country： Per stiok：


 per qr．in the value of Wheat，while business was most



 pof the coast this week consisted of 102 currgbes，of which，with pligh plli cargoes．Arrived cargoes of Whent，after haring




With the exception of Barley，the antivals of foreign grain
arc good，of Exyblihh small．There was a poor atterdance at
 woss taken at the full prices of Monday．For foreizn the

 but other desoriptions of spring corn we | ARRIFALs． |
| :---: |

|  | Wheat． | Barles． | Oats． | Flour． |
| :---: | :---: | :---: | :---: | :---: |
| Encliah ． Forelgn． | 1320 qra． | 800 grss | qrs |  |
|  | 32，570 $\quad$ \％ | 1480＂ | 38，050＂， | $\left\{\begin{array}{l} \text { 839 } \\ 259 \end{array}\right.$ |
|  | 3¢， 8 8\％ | 2420 | 37，200 |  |

MAxchissrn，Oct． 14 －The trade has ramened in a dull
Hate throughout the wekk with priee still tending in favour of buyern．At Ittorpool the arl vals from ahrond havo boen and fatr of Beans．Mod drate aupplifes of oater and Oatmear Was furity attended．Wheat and Four werre，on the mhoring

 Indian Corn must be quoted $6 d$ per per qr． 10 wer．
AVERAGES.


WANTED，a GARDENER．－－\＆pply hp Ietter，with $\mathrm{N}^{\mathrm{A}}$ ANTED，a GARDENER，who has been used to Market，Worty or to Rone Growing．－Apply，The Orohard

WANTED \＆good GARDENER（SINGLR－FANDED）－－
 W AN TED，a YOUNGMAN，Mo Yalke charge of
 Whame hime tome

WEDARED，ithu theot

WANT PLACES．－Letters to be Post Paid
L XPERIENCED GARDENERS（or as GARDENER
 TTM．Cardeners and Under Cardeners． WM．CU＇TBUSH AND SON beg to state that they
 NI R．WM．PAUL begs to announce that he has made


To Gardeners and Baillffs（Head，Foremen，or Under）．
 unaucestomable reforoncos need apply．GARDENERS or BAILIFRS

D AViD MTCCHELL，Nurseryman and Seedsman
 nstance，to DAV1D MTP
Park Nurgertes，Edinburgb．
（ $\pi^{\text {ARDENL，}}$（HBAD）； 30 yearg ${ }^{\text {A }}$ experience；thoroughly
 CARDENER（HEAD）－－Married；of thorough working

CTARUENER（HEAD），－Age 38，married；thoroughly Flower sude Kitohen Girdenar．Uuderathnd Wood Lhand，and Stock，and the Reneral wors of an Evetate．Can be highiy recome
（YaRDENER（HEAD），－Married，no incumbrance；has pranches，tnoluding Early and l


## CARDENER Noblemen and Gentlomen

GARDENER（HEAD）．－Middle－aged，married，no branches，and perfectly capabie or undertaking tie mostit roponsible






## GARDENLEL（HIRAD，or good BINGLK－KAMDED）．－

 Cucumbers，Melons，nid Ftower and Kitchean Gardeming．－J．T（TARDENER（Head，Working）－Age $\overline{33}$ married；

GARDENER（Head，Working）－－Age 38，no incum－

（Y ARDENER（HRad，Workina）－Age 39，married，no Pin incumbrates ；thoroughly understands Forcing of Vinees

CARDENER（HEAD），where one or more are kept．
 A Age 33，，gingle；hise ithorough knowledge of alt the branobes

Gr ARDENER（HEAD），where two or more are kept．
 $-W$ ，Pont Ontee，Hill Stroet．Upper Clapton．
G ARDENELE－Age 28 ，married，no incumbrince，
（ARDENER．－Married；practical； 25 yeari experi－


mended by his prosent emplor．

## To Hotel Keepers and Others．

## Iat


（TARDENER（PYAANN）．－Married，no incumbrance ；a

（ ARDENER（SINGLE－HANDED），－Age 22， aingle；no Good objactionter．－$A$ look，$B$ ，Portor Pony aud Trap，and live 1
G Soveral rears（Sxperienco，in a Gentleman＇s Garden． A．B．，Mr T．Tengue，Tatuton，near chlonceater．

 （YARUEN and ESTATE SUPERLNTENDENT，－A
 Whth cottage or lodge to live in，and Hrlag and vegetables fonnd C．So the Gite GARDENER and BAILIFF for 20 years

$\mathrm{A}^{\text {GENT and }}$ ESTATE wishes to ractill


 Propagator（Eazio or bop


 IMPGOVER，－Age $21 ;$ having had sime rive
 CLERK，or CLEThe sed Trada
 SHOPMAN．－Age 23；six years eTpia
 CHOPMAN（Assistant），or UND








 TThe extensive GENERAL STOCK etmbma


 JOHN JOSEPH MECHI，112，Regont Stres，
and noxt door to Moevrs．Nicoll，and the Sturo COAL SCOODS．－W LLLLAS

 W off，or turn kres，ro preparit on n henithy and lururant growh
WORLD HAIR RESTORER．

COCKLE＇8 ANTIBILIUL゙ THE SAFEST FAMILY APERIENT．


## YOKLE＇s ANTIBILIO

 indigestion． In bores at OOKLE＇S ANTIBILIUE in osa the last 69 jears forBILIOUS Bitioud AFFEITIONS
 LIVER COMPLANTS



## Garbentrg Cfromicle Lewgyaper.

MTURDAY, OCTOBER 23, 1869.
F- FATER APPAR\&TCS of every deacription, H mompete in any part of the country, for Warming Fiver Pas snd Entimates on apphicration.
$\therefore$ NE Mr a Cu, a, King htreet, ('hequm le, London, EC
By Royal Letters Patent.
GREW DBFRI'S NONPAREIL G.IS BOIJER

 ULSTUSS PATENT GLASS BULLDINGS for Hokiculture, Fang and Estimatey fros, Nindy Ifotratod from exiating Bunldinge Py the灭 150 Patente

## GRAY'S OVAL TUBULAR BOILER.



1a, GRAY bege to call the attention of tho Niobuty, Geetry, Nurnerymen, Gardeaom, bes, to he NEW OVAL TUBULAR BOILER,






5. They aro made of all sises, which, wath pricet, may bo had on appliontion.

JAMES GRAY, HORTICULTURAL WORKS,
DANVERS STREET, PIULTUN'S SUEAle

# T. H. P. Dennis \& Company, Pateatlees, HORTICULTURAL ENGINEERS AND BOILDERS IN WOOD AND IRON, 

- A. P. WENNIS ADD COMPANY heg to direct the attention of Noblcmen, Gentienien, Nurberymen, and Gardoners, to the many and varied imarrovements they have
 . 1 تite at the most moderate prices consistent with the himh standard that by the nid of modern appliances, in their Manufirtory, all kinds of lorticultural Buildings 'S improved system, will be guaranteed to fully answer the purpose for which they Erere intended. Gentlemen
Gentlemen waited upon by Members of the Firm to advise and arrange for contemplated Buildings.
sippuation.


## ANCHOR IRON WORKS, CHELMSFORD.

BY HER MAJESTY'S ROYAL LETTERS PATENT.

## ORMSON'S NEW PATENT ECONOMIC BOILERS.



4ot of the Boilection of these Boilers, it will be at once seen that the object of the Inventor is to economise fuel, by concentrating its entire force and vertical action on 2n Rulere are maide not wasting it by Heating Brickwork and Chimneys, a fault common to the great majority of Bolers now in use.
inmerpansion made of the best Welded Wrought-iron, of good substance, having no overlapping plates, holes, or rivets, and are therefore perfectly secure agsinst sh to state diamet contraction of the metal, an occurrence so frequent and fatal to all forms of Cast-1ron Boilers.
wate diameter and length of Pipe to be Heated.
HENRY ORMSON, Horticulturai Builder to Her Majesty,
Hom Tater apparatus manufacturer to the commisstoners of her majesty's royal palaces and public butidiygs,
AND TO THE ROYAL HORTICULTURAL SOCIETY,
STANLEY BRIDGE, KING'S ROAD, CHELSEA, LONDON, S.W.

THE TANNED LEATHER COMPANP,



Warohoonse: Bl, Marl Z Lean, London, E.C.

propagating

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HAND GLASSES,

Eather flat or conical topa.
CUCUMBEK $\square$ GLASSES. 24 inches long


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## TH II OMAS \#ICultural Glass Warehouse.

 NEWH L1ST for ORCHATED-HOUSE GLASS zo muppligd to Hor


SMALLL SHsist EqUARES, 15 oz, par 100 feet.








 of oil Paint reiembling sistone surfice and casi be mationco required जhade. TL L mixied with rain or pure fiver wstor.
Winc Paint wisc Paint, Bo. per ciwh ono handredweight of pure on hardrodweight and a-balf of White Led hind elz gillons of AMPROVED ANTI-CORROSION PANT, 28e to 3the Per owt Cexposed sstuations, on Brict, Stone, Compos, Iron, 1rou Rridgeg,



 CRBENTMIN, ad

 The abore arre Neet, for Casb, and Aschange such ennmot be brooked,

SHER AKD CO.. Label Works Boston, LICRS and H. A. HAAGE'S WOOD GARDEN SMIGKS and noknowsodged to bo the peatost, cbeapest, and best Training Sthcks
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 The New Vade Mecum (Invented \& Manufactured by CHARLES H. YINCENT, OPTICIAN, of 23 , Windsor Touriats, dic, to which is anded an excellent MICROSCOPE of great



- Indestructible Terra Cotta Plant Marizers.
 Catle to
LABELS, LABELS.-PARCHMENT or CLOTH 1 LABELS - Tree or Plazt Labols, punchen parchment, 4 inohes

-1. A. HAAGE'S WACLIES, commended by the Royal Hortleultural Society. Post-oflce order or bianps to the amount of 3ue lod THE "VOWEL" WASHING MACHINE Particulnts free by prost. BRADFORD AMD CO, B8, Fleet Stroet, London, E.C.; Cathedral
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M
Public Notice.
Rus. MECII (assist in by hit son) is rarrying on his
Buth his origizal vigour, at No. 112, Regent Street. anslve Show Room, 65 yards lonk rewohas to Glasshoust Street Here wili be found hts celebrated MAGIC STROP and
 Ienigncd DRESSING $13 A G S$ nnd DRESSING CASES, both for




 various articios, forwarded fost Free. Prices are marked in plain
Ggures on every artiole, and since Mif. Mecri resumed bis busincess ho hins mndo a considderable redrction in prioes for rendy Cash. Work Boxes, Dressfing Capes and Despatel Boses ropalrcd and
 COAL SCOOl'S. - WILLLAM S, BUSTON has 400



 at the gayme time the best and most variad, assortiment in the world W initam S. BURTON, GENTERAL FURNIBHiNg




## 

Stores and Fonders.
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Wita Listy of Prices, and Pians of tue Treaty largo Show Rooms,

SOMRHEET HOTEL, 162 and 163, Strand, adjoining


T H E \&auce. Lea \& Perrins.

Boeware of imitations, and see the damies of Lifa \& f'rerixs on ail

I AIR RESTORED, PRESERVED, and BEAUTTEIED Ind fragrant bilis univeraily in high repute for its inprecediented suct cess during the iast tio yearra in promoting the growtiand beautifying
 78, 108s. Ba, (equal to four smalil), and 2 Is. ner botile. Sold by Chemiek
CORNS and BUNIONS.- 1 Gentleman, many ycare Uation to when with he ornting ,it ther happy to nford others the sfforperlod, ifthout pain or any theonventance. Forward address on stampod envelop to $F$. KINGSTON, Eaq., Ware. Herts.
D INNEFORD'B FLUUD MAGNESIA.Goedsche, Gout, and Indigeseslon', and the best mild avoriont


## No

TON Bost Remedy for Indigestion.





CASSELL, PEL'TEK,
The Best and Cheapest Agrentras
130 years. It fis a raal Prich has now toon hevproce
and talemted Editiors and rripe Curiot in ond
that and consistemet friend or therestitilit mo

FMMMETY'S ANNUAL FAREI ACCOWT

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3. Otber Farm Supplies,

This litele treate so may bo of interat to thom the



THE GARDENERS' MAI 1

A HANDBOOK of VINE mi
A CuLTVATTION under GLASA writ cradivent

THE NEW METHOD of GROMCD
 Gardens of the Royal 1 B

A LADY wishes to PART with all th stim


CHEAP PRINTS. - J Job Lot of RNEI: IIDe

Ti EGAL and GTNERAT LIFB ASSCU: 1. SOCIETY, 10, Te8t TRUSTEESS





 Annual Acconnta have alw
tl
Gubserlbed Cuit int fit inc uil


The Court in Scotlivo.-On Thut the Queen, accompanied by the Saxe-Coburg and Princcss Beatras and I'rince Coburg went out decr-stalking. Queen walked and drove ond Dise sertios and Rogal family atteruder Dras. Dr. Cuater chureh of Cratase. The Rer II miay hrove out with l'rincess Beaticce, and drove out with l?racent Lourss and
Prince and Princess Autur and Prince Philip of s. Majesty, and left for mandurgh. Queen and loojal family

## gin in Privce AND Perices

 Saturday afternoon the Prince arr House from Chester. Whe Fick. thoir Koyal Hircluesses attender Mondaythe Prince left Maribo Hall, the seat of cord shooting a ham House is under cnlaPrince AND Pbincess Friday morning their
House for Floors Castio
Edinburgh, and arrirghe











 reesed a severe wound whi is disuld the lyarlat artery of his refte arm, Ite lont a great deal of fiond, but $1=$ saill to be inmz well The drapere shopmen in Paris have 'struck" work, in fav mir of a reduction of work to 12 hours e day and absolute rest on Sumuay: The strike has been asaisted by a contrimnOn the other hasd, the masters whan remot hate atreent that the first among them who fields shall pay a fine of $50,000 \mathrm{f}$. It is said that masy of them intend to employ Hebert, nuthor of the well-hnoten remen of the "(chuld and the Tortonse"" died a few days simee.
Spain.-The city of Valen ia was hin koind at all points on the $1 / 1 \mathrm{~h}$. On twe follorsme day the render of the city, and negotiations werr rarrin 1 om but without recult. The arelihiahnp and fill whembe of the captann-2turat thic , whemme. A council of intorgaded in fayour of the insuryentis. A council n
generals was lield, and the oonevision mived ot wh that the insurgents nust surreader at aitile at 9 in , the artilery opened fire on the city the 16 tit, at 9 \& 4 , the artilery openen four columns of infantry gttarke the harriers from Pherta san Fernamdo to Puerta Trinitad After the attack hal rommenced the insirgents olfored to surrender il ther wre mparantent herr terms, and the attack was contimued. At inthe aternonon the insureenta surrenderet at diseretion, and the Government troops immediately took pasession inar torn. The amount or dos om the som the gents is not known, but the tropps had only two kilied and seven wounded. The Rapableans abandoned Alcoy after onenine the gaol and committing varinit,
 against it, arid the latest nerss states that the majorit of the Brjar incurkents are seching jardon; remainder have fle! towards Portuk the remains of th.e band of Salversilea and Paul, realting in their tlef band of sany killed and wounded. Atmon: the killed are Salvoshm hamelf, and a byntis of the cortor, Gencral Prim on Tuestas inuel a riremar civil fiuard, the lianks of the kegent tothe a modered by then in and Carabiners, for the surn, coupling therevith those suppressing the in-urtection, plaped themselves on the side of the Government. The cortes also met on Tuc-lay, and thammousls pase a remolution thanking the armse naty, and lis roment lurn -1 lue
 tion to the effect that be areatly dearrel toat the corres should shortly eleet a King, and, if it were passible, upanimously. On Tuesday the Cortes ancu to certain very short tinie to tske steps in reerence openly declared current was a 31onarchist, and opposed to the establishment of a Republic. On Wednec lay the Cortes resumed the debate on the modification to be introdured in the laws relative to ralwns- ins nintion had elcet theputies in the phace been token mone considerajoncu the insurgents lass Seen lion. Ata a ardern to proceeri
of the Tompet which concerns the Cluurcla is the
jest of disagrement, ant migat callar a Ithisicrial
erics, its consuderation harangel by a Concordat with

## Rome.

PORTCGAL.-A coolnent hag arisen in the diplomentio relations between Span aud Portuga, in the post o
of n Hfrima Corlege.-It is said that Mr. Albert \% im Hoods, Lancaster Herald and Regstrar, ha

## fForcigur.

Frwor-In concequence of the frequent Cabinet Sta, whe, under the presidency of the Eimperor, a MOM wo ben current that a modification in the 20iry nas about to tako place, and that MI. Rouher m. be the Tresideut of the now Cabinei and Minister V. Jostce: MI. Lovenay, Minister of Fimance; the Ko 15 er. Preandent of the Council of State. The wal 'ulficiel of Tuecilay, whilst emplatically denyista rmourc of Minsterial chadges, asserts tha *ane Schueller and Rouker have only beeu 2un the Imperial derree which is to establish conatimal intercourse between the Govermment and 4emtrat bod.es of the State. The report of the \& Wister for Foreun $A$ flairs, is also contradicted is mpmant Council was held on Wednesday, under a preadency of the Emiperor at uhich all the wha jersonazes now at Compiugue were present. Whis Counerl it is asserted that the question of the rosation of the Legislative Body was agan dise tealandf, earnestly supported the speedy assembling F the Cabinet left After the gitting several members ime in attend another Council on Thursday. A in mas ince been current that the Lepiclative cicat he ronvoked for the beginning of covemuer, as. The Emperor is expected in Parse on the $w$ ch St Ine Frince affirms that M. Rouber has made
 Loster al combination and to retain his post of Preis is of the Senate. The rumour tliat M. Drousn de inetis had baen summoned to Compiugne is clevorl of ansen appointed hot left Touraine. Sarshat Inverial auss fromeral do to tie command of the of the 3 d Why Corps, the headquarters of which are at Napes, $5 \pi=0$ in the chit to the command of the IIlitary Sub-


ITAlq- - Ministerial crisis occurred last week at
Florence. All the Ministers, with the exception of Fignor Ferraris, the Minister of the Interior, declared in favour of reassembling the Parliament and obtaining a vote for a provisional budget, and then dishand, advised that the Cabinet slintid go before parjament with a programme likely do and that it should only be dissolsed in Bignor Ferraris and Signor Piranti. Minister of Justice, tandered their resignations. The King accepted them, and nominated Signor Rudini, Prefect Nat Sing Sinnor the oflice of Minister of the Interior, and Signor sidered certan that they Whil arcept portion the in the new Cabmet. The King has invited the
Enperor of sustria to visit It.ly on his return from
Epynt, and it is cousidered probable that the invitation will bo zccepted, and that the scene of the interviey
will be Naples, where the Empress of the French is will be Naples, where the Empress of the French is Crown Prinee, will take place at Naples about the same time.
Grbece.-- The Crown Prince of Prussia arrived at
Athens on Wednesday evening, and was received at Athens on Wednesday ovening,
Thi Phinctpalities.-Prince Charles of Roumania and the Princess Elizabeth of Neuwied were betrothed at Neuwied, near Coblenz, on Saturday,
The marriage will be solemnised between the 10 th and. The marriage will be solemnised between the 10 th and and his bride will immediately afterwards leave for
Rounaania. The House of Wied belongs to the Evan Rouraania. The House of Wied belongs to the Evan
gelical creed, whilst the branch of the Honse of HohenZollern to which Prince Charles belongs is Roman Catholio. The Princess is 26 years of ages and the Prince 31.
TURKET.-The Empress of the French, accompa nied by her ladies of honour, visited the Sultana the Sultan and chief Ministers at the Palace of DolmaBaktchi, returning to the Palace of Beglerbeg at night. On the morning of the 14 the her Majesty visited St Sophia and other mosques, as well as the principal objects of intorest at stamboul, salutes being fired lerbeg. In the afternoon the Empress received the retura visit of the Sultana Valide. On the 15th her
Majesty witnessed, from a window of the DolmaBaktchi Palace the Imperial procession to mid-day prayer at the Mosque of Be-hiktach 'The Sultan was quently the Empress received the members of the diploquently the Empress received the members of the diploand then steamed up the Bosphorus in the Sultan's Yacht to witness the promenade to the Sweet the sceae very interesting. There were inumerable and thousants of
including the oream and Turkish women of the middle classes in brilliant costumes, on foot and in carriages, besides many Arabs and Europeans. The Empress and her suite landed in military reception, musio being played by the band dress, and wore a yellow plumed bat and a black lace mantilla, then appeared on the balcony of the kiosk, and afterwards passed several times round the sward high Turkish dignitaries on horsebaok. She afterwards Went on foot amongst the Turkish ladies, and, after embarked with her suite in a Stare caique, rowed by 14 men. On the return to the Beqlerbeg Palace the grounds were lighted up, and the ironclads and men-of-
woon the Empress lert for Alexandria, taking the direct route. The Sultan bade her Majesty farewell at the accompanied by the lirench men-of-war Ajacein and Forbin, and by the Sultan's yarht and four Turkish and the forts fired a parting salute. During the whole beantiful. The Emperor of ${ }^{\text {y }}$, bad, was uninterraptedly
st Constantinople on the 28th inst, and will probably remain five days. The Crown Prince of Prussia will
arrive on the $26 t h$ inst. In homour of both Imperial arrive on the 26th inst, In homour of both Imperial
and Royal guests a grand review will be held nithe the
ahores of the risweet Waters. for an excursion in Syria, and Ancocoed on Novenoe to Suez 5 opening the Dardanelles and the Bosphorus for navisa tion at night by merchant vessels has bren solved by the Porte having consented to allow in future outward THE HOLY LAND.-A Jerusalem letter reports expected arrival of the Duohess d'Aosta in the fulfilment of a vow made by her Royal Highnesg with her a magnificent offering to the Church of the Holy Sepulchre which she then promised to the 隹 the and which consists of an emerald of great value, that family of the Pozzi della Cisterns an heirloom in the Eorpt.- The Empress of the Frenoh arrisad a Alezandria yeaterday morning at daybreak in the Im-
pernal yacht, Aigle. No salute was fired on her arrival in accordance witil her request. The on her arrival, barked at half-past 10 , and procceled dirert to Cairo the previous day from Cairo to receive her Mejesty
The Vioesoy has invited the principal repre
sentatives of science, art, and literature in the great
Universities of Europe to be present at the opening of Universities of Europe to be present at the opanal He will pay their expenses there and back, and they are to be his puests during their stay in
Egypt. Professor Max Müller has been invited from Egypt. Professor Max Müller has been invited from
Oxford. The Vicerog's liberal invitations has caused such a demand for the necessaries of life that the price of beefsteaks at Cairo is said to be 15 francs a pound. tise of Mr. and Mr MPowell, who were murdered in
ibs sinia a fevy months back, have arrived at Suez
frna Massowah. With the assistance of 3000 men, from Massowah. With the assistance of 3000 men,
placed at theyr disposal by Kassa, they invaded the
hosinle tribe's torritory, captured the chief perpetrators hos ite crimes, burned thrce vilagea, and carrind awny
of the head of cattle as a present to Kassa. They brought away the remains of Mr. and Mrs. Powell, and recovered all their property, with the exception of
their jewellery and monery but they could obtain no traces of their son, as his body was not found buried
with those of his parents; and whether lie was also
killed or caried arser is not colled or carried away is not known.
CoAST oF AFRTCA.-Advices received from French
ctil ment- at fincul, tate that a military post on sett
o provision the garrison and put the place in a complete state of defence. The troops serving as an escort to the convoy have already wha two eneage,
Indis.-The Supreme Government contemplates a egislative prohibition against the indiscriminate killing of useful and ornamental birds (whitch supply and has called upon the subordinate Governments for expressions of opinion. the Begum of Bhopal has just established a school of industry to be called tho " 1 Princo
of Wales Sohool." The Maharajah of Jodhpore has requested the British Government to construct a metalled road through his territory, employing British to bear all the expense of constructing the portion of the proposed railuay from Agra to Ahmedporo which passes through his territitory. Cholera of a virulent of European cases are reported. It is remarked that the disease appears to be spreading as it did two years azo in the direction of Cabul and Cashmere, and to gather strength as it goes.
has been destroyed by fire It contar's palace at Pekin has been destroyed by fire. It contained the printing plocks for most of the works issued from the liss is sain to be incalculable.
JAPAN. - Tho Mikado has entrustel all the important nosts in the empire to satsurma, Closiu, Tossa, and
Nadijena, ignormg altogether the clainss of the other princes, many of whom are very infuential. He has further ordered all the Daimos within a certain period
to deliver up their war matorial, reeoivine payment for to deliver up their war material, reaeiving payment for
the same in paper The punishment of the rebel chiefs
ife-t are to consrepate at ledo, and that the Mhado
C writ the vessel.
Cintint- Accounts from Ottarsa of the 20th inst. state that Prince Arthur had gone upon a hunting excursion in the Ottawa Valley
United States. - President Grant has written a letter to the editor of the New Fork Ledger, in which he emphatically deolares that he had no connection with the recent gold excitement at New York, as was insinuated by certain jouroals and irresponsible the Fere Iork Iferald and Ballimores Sun, that he ha had an interview with an agent of Messr. Nutheched The pistors of the Fyangelical ctirrehes of Boston has privateer IIornet has been liberated by the Onited Sy the naral authorities, and her officers held prisoners, The crew were nut a4kore. The Virginia Legistature has elected Lieut. (Governor Louis and Judge Johnson to be members of the 1 inted States' Senate. The steamship way from New Orleans to Belize, IIonduras. The passengers and eresw took to the lifehonts. Ono of these, having on hoard the captain and Mr. C'mer,
Chuef Justime of Briti-h IIondurac, was pirked un, and Chief Justiee of Briti-h IIonduras, was pirked un, and vithout water. Sleane they hil been hree day and one of them jumped overboard and was drownerl $d$ steamer was sent from New Orleans in search of the
other boats.
CUBA. - Intelligence from Cubs states that three steamers, with heayy roinforcements, arrived at
Havinnal on Bunday from Cadiz. The Captain General has transmitted to the home Govern ment coouments proving the existence of an underHland and the Remublum In accordunce with this understandiug the ('ubar insurgents were to assist with money the Spanich Republicans, in return for which, should a Republic be established, the independence of the island was to
NEWFOUNDLAND.-It is said that the rock on which off the Now have been lately upheaved by volcanic agency. The British Government are about to send out a surveying Barty to mark and bunv all the dangerous roeks.
brazils and Parageay - The Brazilian Chambers modification of the Ministry is probablember. Advices St. Eistanuslay to the ith ult. stato that Iope\% was at river Jejuy Upwards of 100,000 Paragung for the
said to be making their way to Asu
tho greatest misery and glarvation
other towns had given in their sub
other towns had given in their subn
visional Government, and asked for


## fuctropolis amy fts fitinity.

 MIIE QUERN's VISIT TO THEannounced Chat bier Jaje.ty will Saturday, Nownber for for the purn
new bridge at 1 lack friars, and the Un Tuesday afternoon the joint conmuntere 1 by the Corporation to make the aceassary auscubled at Guldbal. Mer Majesly $\pi .1$.
ci rcu functionaries at Jilackriars Bridne, an accompanied by Mr. Gladstone and secerai Ministers. A procession will then he formed, ringdon Street. Parringdon Road, and ben et Charterhouse Street to the Holbon take Majesty will declare open to the nublec an. will be presented to her Majesty by the C itatia be no further pageant or ceremony, and Lif: yt will probably pass in one of the Royal carr map the bridge to the viaduct, and aftermards pro of Common Coluncil, at a sitting with clow that the proposed celeliration of the eres grand bancquet should be abandoned. The
 ndyanced, and the structure, which $1 s a 2$
imposing, will be in complete work wiz
it time her Majesty sets foot upna it, thowst
of the intended decuration $w$.ll afterwart
 projer advantage from below, strukes the fye s o $o$ all that is graceful and elegant in design, conan with the requisite strenpth and sul.dits
VISIT OF SIr Moses Monteriol Visit of Sir Moses Montrefore it
CEARLies of Roumant. - At the insta Board of Deputies of British Jome, and in a coraty With resolutions agreed to at a meet:na last week, Sit Moses Montefiore lias undertake a jnurney to the Conthent, in oirt and bespeak his Highnes's fiveurable consideth aroused the sympntlyy of the chiof Eidropean tos ments. Sir Moses left for Paris last week, and, Was his intention to continue his journes, al
of meeting his IInghness in some other caztal The Nouination of Dn. Temple - 1 fetit and induential meeting of clergy and Cock pur Sireth
Wednesday at the British Iotel
protest against the appointment of Dr. Temper le see of lixeter. The number of laity presen inva parts of the country was very renarha.e. was taken by tho Rev. C. W. Page, perpetual...nie. Was taken by tho
Chrint Church, Oxford. After conoderahe dation as to the oxact terms of the motion, in waich of $\overline{5}=$ of St. Paul's, the Rev. Mr. Williams, the ston, and others took part, it was resolved and Chapter of Rxeter and the Crown aga notten ne nation, and otherwise meeting the Rev. Dr. Pusey addreaved satd that he could not refran frome eytrest caused by this appointment. Bearing in miny destroying infinence of " Essays and Revierss, he conld bear witnes
calamity caused by the boor to whech Dr Tempa had lent his name, he rould not admit the ruse the essays were independent of each other. could not help feeling that appointment were preforring but commentaries on Dr. Temple's essi Dean and Chapter
whose refusal would be
and thereby they might aver
Europe would be so horrible
the
the Ear Ripon, and Carlisle, the
auntou, the Right II Con. Gathorne
W. Farquhar, Mr. J. G. Talb
Mr. $\mathrm{C} . \frac{\mathrm{L} . \text { Bevan, the Rev. }}{\text { W. Mon }} \mathrm{D}$. Moore, and J.

Wilson, D. Moore, and J. W
an Mr . John Bondle were ap-
and Mr . Noel Hoare treasurer
sind Mr. G. Noel Hoare treasurer.
t.e Parl of Shattesbury having
the Roul, dellaita to art in
Perc, a deputation ronsinting of the
it Weand Manel. Mr Fitz Ry, and
wated ous lordhip on Thursdry
Whated ou bi lord bip on Thureduy
and ashell hime to reensider his
ito att nith the Migh Cburchmen
. m n the deputation very cuurteouly, ieep over a matter of importance.
Lifuli IIvit.-On Tuesday after-
Leteh Hunt, io Kensal Green Cemed by Lord Lotenliton, in tho prosence relatives, and of a small party of literary
zentene. His lordship delivered an ent to the occasion in one of the little side tre round, the day being too cold and
withor orations. The bus, Hhich is of
mex executed by Mr. Durham, R.A. . Wolly pourtrayed Ieigh Hunt's kindly The following quotstion from his works besenth the bust-

Write mo ns or e
The statement that "J James Henry Leigh lon Ootober 19, 1784, and died August 28 ,
Heporge Railway Statron at THE Clis on Friday \& report from the solicitor 1 mas read, on the propasition of the dertiee entire leagth of the new street to the Hine and to construet a station at its termi

Towner, and construchang a station zinally intended. The report deviation and station by an (Iat the Board, in the present state of the s porer whout the concurrence of the Cont sewers of the City of Landon. The unday, a letter from Lord Devon, chairnillyy sompany, was read, inviting the and phoing the Clity station there instead
at ars dak. - It is stated that the whole of how and protect the chapels and tombs in thow and protect the chapels and tombs in
ath Abbey is nuder the oonsideration of the
Hiluce Strexst.-On Monday morning furdiare, which has but recently beenoom-
mana, opened for traffic. For some days has been opened to foot-passengers. the opening, and tbrouphout the passing through it were very ralleved, a large numbere conSmo the West End to the Bank having necessity of proceeding round
There is now a complete street House, almost as far as Blackfriars. hastirrxi is expected to leave the and Sue electrio cable for the line and friends of the company dined te Abion Tavern in honour of the event Tindian Submarine Telegraph Compsny that the cable between Bombay and Ister than February next, and ralmouth and Malta would be Fiunowication June, thus completing our tele-- ${ }^{2}$, hte Finance Minister for Indis in the Serening anoounced that on that very day aeen completed for the extension of empore and Chinese ports, by means $\therefore$ TEs-Shir Racte.-It is understoo
acs,- - It is understood July 19, and arrived in the shortest on record. The Sir lier. Sine was first in the tea
last year only by a few hours. life lascrince Company.Friday gave judgment in 1 fter Mr Glasse, Q.C., and ad addressed the Court in favour he Vioe-Chancellor, after comimprelty of the sase, said that from cation, and for the same reason o judgment. He roviemed the thoners had failed to satisfy him the prayer of the potition. The
debts, for no creditor appenred to have been sent him to stop authoritatively thas it juat or equitable for Which had, in his judgerent, assots which covered is: habinties, the actuaries who ha mony havings in his opinion, omitied to tale eccomnt available in that the company had a reeerva peadily ore dismissed the petitions utied
THE ALBBRT MTYR DFFICR costs.
the dire 'tors of the Albertice-The prosecution of dismired by the mathert Assurance Comprany was the prosecutor, was to hate on Saturday. Mr leume ceanation all the prosecutor, was to hate been crum-e panathed al
the cusegce ho cave at the first hearng of the inse, as sell as upp various inculemt- of bus i rerrms, the and character, but when the cave was caliel on he of so bot at ment, ho bad on the pretion the mal mone of douruto bo present. Mr. Straight, reared a sumbuns admitted that he had been bankrupt in lis oner, fow months before be bought the shares whith geve han a locus stand to prosecute, and that he had gone hich ho had been commoned debt on the Fery day on that his real name was not that ander which he had roceeded against the directore The makntrate wa down through experience of casen which Lat breken Who dared not come furward," he hal ' the wors pinion of the proceeding on account of the absence of Mr. Lee," and that he "presumed everything ageinst the bona fides of a persou who ourint to be in court,
but who was, in fact, somewhere else." Uuder these circumstances it was not fair to the directors of the company to keep the charge hanging over their heade and he dismissed the summons, intimating at the same time that if Mr. Lee wanted to go or he could take day fresh summonses, which would be heard on Saturday. On Thursday Mr. Bromby appeared in cout Mr. Kinox refused to entertain tue appumation unlen it was made by Mr. Stratsht, who hat
appeared as counsci, and an as-urance gren by tha gentlemen that he liad carefully looked into the cave and was satisfied there was bonci fide ground prosecution. He did not, he said, consider that Mr Lee was a bond Jide shareholder, and therefore did not feel bjuself justfied in bringing the directors to that court aparn on his application.
distribetion of Plents -It is announced that the First Commissioner of her Majesty's Worhs intends clasess and dributed tas antimn huma bedding-out plants in bitterwes IIdo the Rerplus and Victoria Parhs, and in tho Lusal Gardens, Kem. The clergy, school committees, and others interested on making applisation to the superintendents of the perks nearest to their respective parishes, or to the

## o eeoh anplicant and of the time and manner of their

 istribution.herported Dbmonstration of Unbmployed Fobemkin.-It is rumoured that the working classes men tho new 131 la frars 13 ridee and Ilolborn Viaduct, pen to diraty a double line tro hree deep, of unconployed men, as an evidence of the harge amount of distress and compulsory adleness existng among thom. On Wednesday a handbill of a very violent oharacter was circulated in the districta where tho workiag chasses moste rent, cas...x on the day of opening the bridge by the (aven, and to "let ther ary be for work." It 1 s stated, however, that some prominent nembers of the uneruployed league who took part in the agitation of last year are opposed perfectly demonstration, on the ground that it rind inefticacious as regards the unemployed, and futile and inelticacious as reyards the unemployed, and
will only mar the harmony of the great Chy' cerewill only

The Fritan Pbigonbrs.-An open-air meetidg was held on Sunday afternoon, on a space of pround near the Middlesex end of new Chelsen Bridge, to demand from the Government the release of the Fenian prisoners. It was estimated that between 2000 and 3000 persons were present. A Mr. Hogin was in the
chair, and the speeches were of the usual riolent character. On Thursday a cromded meeting of the general committee and de.eqates for conducting the demonstration in Hyde Park to-morrom, in favour of the release of the prisoners, was held in brooh Street Holborn. Mr. J. Merriman took the charr, and -at he had atten led the zaeeting in consenuence of the to the Limer.cts Amuesty Committe. He He lis considered that letter seriousiy, and the ooncu be most advisable, in the interests of the prisonera themselves that the proposed demonstration should not take place, or that it should be postponed. A lons discussion ensued, many speakers opposibs the views of the chairman. Uitimately the followng resolution was put:-"That the proposed demonstration be adjourned until a future day, to be decided upon by the committee ${ }^{33}$ There being no seconder to the resolation it fell to the ground. The chairman then said non, unamimous feeling of the tommitee that the demonstration should take place he should be at his post on Sunday to perform the daty he had undertaken. In spite of this decisiun, it th doubtful whether the meeting will that it would be more moderate party consider after the letter which impolitio to hola addressed to the Irish committee. Mr. Gladstone Sors.-On Monday and Tuesday the metronolis was visited by a violent gale, which caused a
ves, Small craft were ammpod and aunk by the forvo




 brige, called the Moritz Kochenbeiz The pilots at that port afirmed thit then: Arewtred
 hav protel unfuated, zs ste weatered the tworm, cutl enched veith in safety. The barque Jowephiae Wha rownel T, near Dunbar and four of the crem
 when is hands were lost, something the the long delaged several of the northera harboak, and dote much damage.
The Public Bealite-The Weetly Retura of the Registrar-General stater that in the week tha anded on saturday 0.1 10, se2l barthe and 28 to deaih were registered in london and in 18 other large town of the F mien Kimp lom. The annual rate of morlelity
 31 in Selford, 22 in Shenlield, $2 i=$ ta Bralford, 23 in 1 menda
23 in Hull, 41 Nowastlo-upon-Tyno, and 28 in weok was 21 per 1000 ancuat ris in tho anne the seven days ending the 14 th inst. wis is per 1000 and in Vienna 21 per 1000 during the week ending the 9 th inst, In London the births of 1009 boys and 1018 wek. In the sorrespondigg weeks of 10 yeare
 weck of the $j$ tar, and the arargent thather har lhat
 estiunated amount

## 3abobincial.

Brgemerrad.-At the Police Court on Monday,
 employed in removiag the ear'o. The s!ulan properly was found in their house.

 The yacht was discovered to be setting rapidly, and all sail was set for the land. Attracted by signals of distrees, a number of passempers were taken ofl by the foam tho West Per the vessel sank, fortunately in
fhallow water, an 1 the remander of those on board Were picied up and taken - The Rev. W. G. Cox has resigned the office of Public Orator, which he has held since 1837. Cesseter - The opening of the new Thwn Hall, tho Mrin ohyect for wheh the Prince of Wales visited the inhabi'ants. The fir tr velit of the day k as the pre-
sentation of addresses. The first was presente 1 by blae lord-l, cutenant and magistrates of the county ; the second by Lord de Tabley and the Freemasons of the city. Shortly after $120^{\circ}$ clock a procession was formed from the Grosvenor Hotel, through the main thoroughlares of the city to the new Town hal. in the first of whell were the May ar, Recorder, Sleeriff, and Tosn Clerk; and in the second the Prince, tho and Tosn Clerk; and in the second the Prince, tho Earl Grospenor. The rrocession allvanced along park treet to tbe poun of the park and returned into Foregate Street by the same gatempy. In the park were place 1 in long succession the After leaving the park the numbering about thou. After leaving the park the conl le pani-1 principal streets, which were crowded with speotatiors Fin Guthic style, "util an impons front to the open mariet spaco From the centre of the frome rises square-pointed tower of great elovation, which gives considerable architectural pretensions pile. After the nathedral, it is the finest ouitice in the
oity. The internal armengements are good, and the decorations ample; it contsins a number of rooms ncluding the councu chamber, the pubic bain, and the ball-rooul The scene in front Folunteers mustered remarkaby etce and looked isell. The pallerses on etther and in front of the lall trere filled with ladies, bands played, and the cliareln bella rage their merriest peals, tortiy inter orme recelsel a flattering ovation from the minense ansembly, and repentedly bowed his acknowngmen. The Town Hatl by the Was received corporation, when an address from the Mayor and Corporanoo, when an addioh tho mayor, aldermen, and burgesses, in wher" was read by Has addressed as ar the Recorder. In reply, the Prince said that he was not less proud than his predecessors were to hold the

THE GARDENERS' CTTRONICLE AND AGRTCULTTRAL GAZETTE
two titles combined, and to regard with the garne interest the union ot eeling and goodwin Principality. His Royal Highness added that it had been a severe but unavoidable disappointment to the Princess to be deprived of the opportunity of visiting the city with him. His Royal Highness then proceeded to the Council Cnamber, where a large number of ladies and number of the City Council and others wore then presented to him. An address from the Bh,hop, Dem, and Chapter wis handed to his Royal IIighnew hy tue Bishop. Addresse8 were hequet Mr. Mulkany, from the Roman Cathoslic clergy, and by the Rev. W. Hvans and the Prince received all thes aduresses very graciously. His Royal Highness next explored the hall, after which ne appeared on the steps at the front, and formally declared the Hali opened-an He then visited the cathedral, whioh is close adjoining. On returniop the cown Hal subsequenky the Prince The Mayor presided. In returning thanks for the toast of his health, the Prince said:-
"It has been with the greatest pleasure that I have pai this my first visit to the ancient and loyal city of Choster. and I amo glad now that ny wish bas been reallsed. I am glad
to bave this opportunity of thanking you and all the iuthabit ants of Chester for the very cording retorption that I have met
nith since receiving hospitality ic your city, a city which must bo of groat interest to me and to my family on account during troubloy a and trying timos. I amo also proud that
barit the titie of Earl of Chenter, and that it can be alwas
 me. I neod harrdy asauro you that that rogret is deoply shared by he. She would giady have orno here if circumstances Allow me mince nince t, tlani yule for surr hind recepti m, this your new Town Hitall,
propperity. Before sittin,, enthuyizsm-it is "I'ho Health of the Mayor of chesten, with ${ }^{\text {propesing his }}$ why in which has carried out everything since my visit the success of nll his arrangemonts; and I have ale him upon in making to by te Prime Minister to make to you, and that is, that her honinr of haightl., dt I begz. to propose to you "The The Royal party then returned to the Grosvenor Hotel. on the Roodee. In the evening the city was gaily illuminated, and the Mayor gave a grand ball in the Town Iril, an whoh his Royse Higuiness wis preseatio train for London.
Exetrr.-The clergy of Exeter have memorialised the Dean and Chapter against electing Dr. Temple as grounds.

1. Dr. Tempile was the nuthor of an essay in a volume tested against by 12,000 of the clergy not lowg after its publizcation. S. The archbishops and bishops of both provinces unanimously censured the opinions oontained therent, rs
 their opintion, and a decluration was ainpted that the of inions bellief in the Bible as the revenled Word of God, 5 . The arme
volume was condemned by tho syondical judgment of the convocation of Canterbury as "containing tencuing contrary Ireland in commons with the wholo Catholic Okurch of and the . Whate the booz bass passed through many editions, essarifts Had a common object in view, Dr. Temple has never one hishopp hises he, ds too telifece expressed any dizal proval
Archdeacon Denison has also transmitted a memorial to the Dean and Chapter, praying them on the same grounds to mima their official concurrence in the appointment. He adds

That if the appointment of Dr . Temple to the see of Exeter, or to any other see of the Church of England shall be have beer committed against Christ and Fify Church; and to labour petively and beteadily to dissolve all connection
the
diocese of Lich ficld have ITen of Cheaterfield, in the and Chapter, expressiná these carbent cutrealy that they will refuse to elect Dr. Temple. Dr. P'usey has published a letter agaiast the appointment, in which
"As for the minarable excuste that it whas maid that no for the opinions of any other ns well might no emininent phybloian recommend to the inexperioncer a eollection of cular puison, ir that be might not have componnded them in of repentance, $?$ writion And now, without any token


## once he destroyerl

The Rev. Canon Girdleatone, one of the Chapter o momorial aganst Dr. Templa's anpointment to sign a lished a letter stating that, even if he orment, has pub-
disposed, he cannot take smy part in thus otherwise so
ing a breach of the law. He has, he says, too high an bems influenced by any memorial, however numerously
ignint, to commit themselves to such a course. But Cor the clergy cyen to recom nenl to those in a respon-
sible postion a brach of that law when they are all by their sured callug espectaliy bound, both by precept fraught with such peril to the Churilh, and the truth, that he shall do his utmost to induce bis bretbren in the diocese to think twice before they sign Western Mornimg News says that it has reason to believe that Dr. Temple will not reply to his critics a presents but that he will embrace an eary opporanation of the charges brought against him. He will express a hope that he will live down any personal aversion, it any exists.
Waininad.-On Sunday, Elizabeth Borry, the Kidwell Park on Friday week, was arrested in Liverpool with the child in leer possession. It appears that aticr ing a description of the nurse and chid, and offering a reward of 100 l . for their disoovery, were widely when Mr. Horne, inspector of the detective police o Liverpool, proceeded to a house at St. Jude's Place, and there found the nurse and the ohitu. ot scems rom notics to leave Colonel Hickie's service: that she sudienly left a fortuight before her time, and, having aliking for the ohild, determined on taking it with her. She was tan, we.l dressed, and had evidently been kindly treated, though the curs of Greig, C.B., head constable, taken to his house, where Hickinained until Monday, when Colonel and Mrs, Ifickie arrived and took thcir chald away with thend
On Tuesday morning they arrived at Maidenhend when the appearance of the ohild oncasioned con siderable excitement. The nurse was brought before the Maidenheal magistrates on Thursday, when she denied that she had acted from any motives of revenge or bad feeling towards Colonel and Mrs. Hickie, and said that being very fond of the infant sabe acted on the impulse of the moment, but that if she had thought of the trouble it would be to the parents she would not have taken the child, The magistrates committed her or trial.
Mancifester,-On Monday a meeting was held in this city under the auspices of the National Reform Union, for the purpose of hearing an addresa from Sir Jolin Gray, M.P. on the Irish question. In proposing avote of thanks or the address, Mr. Jacob Brigat saic that sir John had told them many things which they
of the present Government, and that "t
falter and give a half measire sas only alli The annual public meeting of the United Kingdom Allianoe was held in the Pree-trade Hall in this city on Tuesdayevening. Therewas an mmense attendance, but
Archbishop Manning was unable to be prevent. Tbe Archbishop Manning was unable to be prevent. Tbe
Rev. Dr. Temple, of Rugby, the Bishop-desimate of Rev. Dr. Temple, of Rugby, the Bishop-desipnate of cheering and slight hissing. In the coureo of his speech he said it could not for a moment be dented that the evil of drunkenness was more deadly in its operation than any other evil 1 n this country, it was therefore an houses and to reto dmens from the reach of the labouring classes. ILe would not forget the Alliance Association hereafter. IIe had not missed for many years any opportumities that camo withan lis his duty to study very closely what was tho working of the liguor tralic, but it would now be his duty. It was impossible for any man who beleved in his counterymen, as he did, not to feel that assuredly in tho as much se possible the the right thing was tuat, this sort should be placed in their own lsands and so far as the Alliance aimed at that, he hal lons arreed
Reghy.-It is understood that tho bead-mastership of Rugby School, about to bo rendered vacant by the clevation of Dr. Temple to the see of Exeter, Las been offered to the Rev. John Percival, head master of
Clifton College. Mr. Percival was one of the masters Clifton College. Mr. Percival wa
of Rugby before going to Clifton
Ulverstor.-On Tuesday morning an explosion Messerrad Dithe Blackbeok powder works belonging to 11 in lermero. The prese and charge houses were maked O the ground, and six mills connphetely wrerked. to atomi
Warwick-The guardians of the Warwick Trion
Which comprises 32 parishes at a special meeting on Saturday decided to board out the whole of the orphan and deserted children, instead of maintaining them in the union. They arreed to pay the cost of sohooling child, with an outfit, and fis 3 . per woek with each ing and renewing clothing ond. per quarter for repairing and renewing clothing. The proposal was intro-
duced by the Hon, and liev. J. W, Leigh, and was armly supported by Lord Leigh, the lord-lieutenant inc-out cynty. A few guardrans objeated to the board higo ystem.
Windsor.-On Sazurday an adjournerl meeting was held at the Town Mall, Windsnr, to learn the reply of the harriers established by fequesting her to carry on nontinued to the present fine by the Prince of Trales
There were present Jr. Hermann, Captain Bulkeley

Mrill-Sayer Mr, Nash, Mr, Mr,
land, Mr. S. Pual
 qenerally tase you to commontio for her name for the suppart otso
 benam Dr. Hermann. Mary Buckland (Wraysbury Winde. T. Goring, J. Naylor (the Bho (f) ground the Prertaining from te whether they would permit the: :WoLverrisurpuld the $m$ the Congregational Unim of the Rev. R, W, Dale on attended by about 700 mini England and Wational or Injeveen cussed Were "The Diseate it Universities of Cambridge bad tion of our Ministers, resolution, moved by Mr Gext was mitroduced in a, Inam Goodman, M.A. of Camlrister, : meetine: While the same sub) att : - Mr. George Dixon, MP, Mne having League soheme joat hand having been invited to open the a League. Abundant hosninitity Chague. Abundant hoopitidity visitors has had to be eent to nalud

## Irctand.

## Refubal of tile Gofernies

 Fenian Pbisonebs, - Mr. Glad letter to the ohaimman of the dmine to the conclusion that to udrim Fenian prisoners would be contrin guardians of the publio semarity etter which woas published Mr. Grinasty obsarves was employed at others justilan ant of elemency by the Soversis men had not abandoned thas public peace which were cut stiad
The Government was also anme Lae Government was also shan racy was not extinot in the unil cngendering discontont and dia stone, in conclusion, 8ays that añeri. and Parliament have just pranta measure of reconailiation, and legislation conceived in the same bind in harmony all classes of tas mined to maintan tho authont integrity of the empire
TITE Irisif CHURCH - Tue prow delegates wore brought
was agreed that the only
o the fature chirch body, of it bers of the Church, and were reo en which they voter. undertanding sine die, with the undertandina Duke of Abercorn Elions cir Gime and courteasy he had shown to s'l two days of his gresidensy A meeting of the clerry of wened by tho ATeltbinhop, was shonll have t and discipline. Sourate of the Queen's Colleges at the oloso of the week in St. Patrics a Hal Lord Chief Baron presided. vicenprosidents of the thept ia sertemants, and sests on the
dater, the
Baron, na 1

## in the three

goademic Jear Jus
214 were members
Roman Catholics, 29

## of the excellenre of







 from iftriom fremens. Fife eladrenareleft he h hat
agel 13 .

## 

Sebious Accidrnt on the London and Nobtif Western. - On Thursday merri'ge as the express train from Stockport to Mianchester was approauhin: was then shunting to allow the express to pass. Th, passengers, wiany if whom Where pentlenwen on thit way to huviness, from Cholior, Aderiay, spa otber
intermediatn stations, were muah shatern, nad some of

 Mr A A ceter Mon, ing chant; and Mr. Willam Shaweross, Mr. Mwan, mer The driver was badly hurt in the baok and had one of his thighs laceratod. The stoker and geard wero
 day neint, ,lartly hefore 9 o'clook, a apecial train ?rom hand rapes th ismburen mo into a coal tmint at ididry, atout sha miev from lis.mburah, A numper desirusel. The zuard is the coral trans litl ump

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\text { las, cit off, ind is } 110 \mathrm{texpe} \text { tal to surtire }
$$





 carelessness of a porntiman ind uephict

 the jury in the rerent amment. Vien lim jurs , hath-
 infavour of tho ralway campany. They have held a

 by the threat of the cormer ts
 Oa Suturiay a conernum,t, whe wheceoding being privates, the result has not transpired.

## Eporting.

Tite New Pack or Btac Houkde for subber. - This nem pack, which has been selected from some of tha brast kenne
is now complete, sad has had one trial hunt to a deer uncritod in Epsom Downs. The pack kept well together, forlowed a

 is the regular me

## Dotuary.

The Earl of Kinestow died on saturiay at his Londan











 frimivent


 practica as as special pleater, and aly
enjoyed consi leralla prictice on of Mr. Chariles Yathens, tho comedian, and widow of the eminont coraic actor, ingh, it the age of 87 . She was the daugiter of 3ir. Jeckno 1 age of for the stage under Samual foota. At an earily twecin entared the theatrical profestion, in whred Ma. Mhtwins.





 Gillinn, in "The Quater ;" and Virginis, in "Mr charles Virginia". Aftcr tho hirth of her mpar to the stione. an 1 wince




## fixarkets.



Mesirsh pattonden of. Smith report as nelivo derraavd fur
 HAY. - Fer houd of 30 Tminsen.

## 





> ENGLISH WOOLL

 to 1 a per fi in the $r$ the. fthenert fow weiks.




## hetroporitan cattle market

The number of Beasts is about tho same as on Monday Fotb:

 manotatued. A alics ane sinh Rearro thel deat Conar



|  | 8 d ad |  | ${ }_{i} A_{6}^{1}=\frac{d}{0}$ |
| :---: | :---: | :---: | :---: |
| Best Scota, Herefordr, de | sto i 8 | ir. shan an |  |
| Best Shrerthomms | $2-56$ | Fwesdur quaity |  |
| ed qutahty bee mins | 4 | Dos Sh int |  |
| lyat [homina and Halt tresh . | $58-6$ | Pulves. | 40 40 4 |




OF STatr has so far recoverod from his accident that he hias been a
folours of tiae 9lst Higuliandras.of handing over inta the anetody of the

 fricted (husico colves aro serreo and dear. Our furcign supply conszets of 743 Beasta, 1260 Sheep, and 230 H.jys, Bost Sccts,
forduct,
ke 4 to 5 Eerds, hue $\begin{array}{ll}4 & \text { to } \\ 0 & 5 \\ 0 & 0 \\ 4 & 4 \\ 4 & 4\end{array}$ Best Long-wools \& Best Duxirs and Lalf breds
metropolitin Meat mareet.-Oct. 23 .
Best Fresh Butter .. .. .. $1 \mathrm{l}_{\mathrm{s}}$, per dozen ib.
 MARK LANE. Montar, Dot. Is.
The surpity of wheat from s.see and kent to this moming


 Price per mpertal Qtarter,



OATE, Esesex and Suffolk ...

- Scotch and Lincolnshire Potnto
- Finch...




 ${ }_{\text {Matze }}$


## - 2 d ditto............. . . ditto $32-44$ Country.

During the past Friday, Oet. 22.
During the part week we have experienced severe stornss The arrivals of forergn produce EInce the tith inst, have bren weatler stimulated ensumption, cussing at the sime tide
 which bas led to in adreance of 14 , to ns, purch ise wheat, our leadiug markets. In the valno of Spring Corn of all sorts have been a better sule at about 6il. to la, per qro adrance in

 preveding weck, there when, cargoes. With the decrease in surphies the toado fur 4 articles bas assumiced a better tone at improving prices; fine quallties being prineipally in request. quaize was 18 to 1a do. per qr. dearer. Biarley and Rye participatod in the adrance, higher bida having heen made for the latter on conTinnntal arcount. A large husiness Liss likerrise been done in improving rates.
The arrivals of Fingliqk grain aro small, and moderate of foreigb. There was $\pi$ penr attendance at this morning an adrance of 2 a . per qur, ; fur foretgn the demand was zimitad wero unchanged in value Honday. Barley, Beanq, and Feas wero unchanged in value. Oats were a slow salo at 1ate rates. Arrivals.

|  | Wheat. | Barley. | Oats. | Flour. |
| :---: | :---: | :---: | :---: | :---: |
| English . <br> Irish | 1180 q | $950 \mathrm{qrs} .$ | $\overline{1500} 9$ 9rs. |  |
| Foreiga. | 22,7\% | 6660 | 27,210 |  |
|  | 23,930 |  |  |  |

Liverpont, Oct 19-There Whas a good attendinee at todag's market, and Whith son freely at an mprovenent of
 Indian Corn was in very fair request, prices being mabout oday. better request, at an advance of 8d. per qre. from Friday.


Se transactiong SEED MARKET
speculntion having yet sprtagg up, are still very limited, no derand being at present quite ap anall. Winter Tares nivet with less inguryt, and are obtainable on lower terms ; as the Whalk dourtlese
tery low'y. New Finghak ryyc for seed can now be bournhtard acry low figure. Mhathati ind Rape sced are firm. We bave

 change int value. There has been qome inquiry clunng the past week for fine red Clover sced; no great quaritity of sco
 currenclecench italian, at a sloght aranco on previcule

DANTED. a PARTNER, in a small NURSERY
 TVANIELD, for the "GARDENEMS RECORD," an

WANTED, in a large Prowincial Sord House,

WANTED a General NURSERY WUlRKING

WiNTED, as SUlB-FOREMAN, in one of the largest

 antions, anin ant particulars, by letter only, to R. R., Garleners
Chronicle oflce, W.C.
WANTED, a good G. 1 RDENER (SInGLE-HANDTD) ni bare nood character from previous emplogers.--II. S., in, New
WANTED, a KITCHEN (iARDENER, with Gome
competent Laundres, and will recolve 23. por dar - Aupy b
WANTEU, in YUUTH in a seed Shop, whe has had
$\bar{W}$ AN 1 LD, a respectate 1 AD , about 13 or 14 years
enerally nefoll-Address, in own hand writing, to m. E, Victoris
W ANTED,
ad COWREEPER, the Woman as DAIRYMAID. YARDENER week, with honse and frimp-Apply. W1th references ${ }^{2} 828$

WANT PLACES, I Ietterg to be Post Paid KXPERIENCED GARDENERS (or as GARDENER Gentlemen.- Further of varticiliors quanifications, recommended to M. Wil. PAUL begs to announce that he has made arrangements by wich ho will be erahlos th future to
Gel



## To Cumencorna Eamifo (iead, Foremen, or Under).




D) AVID MITCHELL Nurgraman and Sebiaman
 intaen ers inlihct rcference can be given. Apply, in first

## WM. Gardeners and Under Gardeners.

have at all thmes on thedr books MEN of various tuanin thentions Whose cbartucters will bant tho strictest infuiry. Any Gentienang


Gardeners in Want of Places.
CARDENERS MI YORKSHIREF and alogining

CARDENER (IIFAD)-Age 40, mirried, no incum-

(TARUENER (Hean),-Age 38, married; thoronghly FTopractianl in every departmieott Goo.s Grape Grower, and





CARDENER Noblemen and Gentiomen.


 $\frac{\text { To Noblemen and Gentlemen }}{}$
GARDENER (HEAD).- 13 . Hichardon, Iate Head


(ARDNNER (Hrad, WORKING), -Age 31, married
 The roterencen, nnd oharactor from
The Tho Laurel, Thuntom
CARIJENEK (HFAn, Wolk ivo), -Murricd, Mnder-


GARDENER (Hza
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(Y Whore twe are kept. Wh. Panh),





TR. To NERS, who ie retr setsing
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as GENLRAL or ABSIST:
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Lurwor, of Son, the late Mr, Jam erppart on che Messrs. Knitght \& l'erry. acquired


## M

 ANAGER of a FARX[-- ige $f 1$, tas - *
## ITARM or ESTRILE BALIEF



 $\frac{\text { onces.-A. A. W., Mra Ford's, West Fords , ant }}{\text { OOKLE'S ANTBIJIOCS }}$ the safest
famlity apehent.


INDIGESTION.

$C^{O C K L E}{ }^{\text {S A A T T I BILIU }}$


COCKLE'S ANTIBILOTS
THE OLDEST
PATENT yEDLCISE


Th Garomerg Chtomicle 2ctogyaper.

4natble Terra Cotta Flant Markera. IS inn C"O 'S PATENTT - Prices Printed



Fancs and Fountaina, for the Gurder and







 NOTICE.

## ROYAL HORTICULTURAL SOCIETY, LONDON.

royal zoological society, london.
ROYAL BOTANIC SOCIETY, LONDON.
royal botanic gardens, dublin.
ROYAL BOTANIC GARDENS, LIVERPOOL.
royal botanic gardens, cambridge
ROYAL WINTER GARDEN, DUBLIN.
royal departhent of science and art, london.

It is with great gratification that we announce our permission to refer upon any occasion to the parious

## MING APPARATUSES at the above, where our "ONE BOILER SYSTEM"

HAR FOR YEARS BEEN SUBJECTED TO TME MOST CRITICAL, TESTE WITH FVERE GUTIGFACTORY HESUYT.
IT IS MATCHLESS FOR EREICLENCX, AND IS WOHKLNG THE LARGEST APPABATUS ON BLCOBD.
Them are no theoretical atatemente, bot positive faota, and it is not too much to ndd, that no boiler gan bout a parallel.

For List of Dotaila, "ILLLUSTRATED BOOK of DESIGNs" (12th Edition), which oan be obtained by addressing a note to HiN HEEKS AND COMPANY, HORTICULTURAL ENGINEERS, \&C., KING'S ROAD, CHELSEA, S.W.

BY HER MAJESTY'S ROYAL LETTERS PATENT.


Te be Construction of these Boilerg, it will be at once seen that the object of the Inventor is to economise fuel, by concentrating its en
3.a thic Boiler, and not wasting it by Heating Brickwork and Chimneys, a faut common to the great majo holes, or riveta, and are therefore perfectly becure arainst - haners are made of the best Welded Wrought-iron, of good

The to matasto diamen ander and lengeth of the metal, an oocurre
henry ormson, Horticulfuray Builder to Her Majesty,
4 HOT-WATER APPARATUS MANOFACTURER TO THE CONMISSIONERS OF HER MAJESTY'S ROTAL PALACES AND PUBLIC BUILDINGS, -

THE GARDENERS' OHRONIGLE AND AGRICULTURAL GAZETTE

HII GENRRAL LAND DRAINAGB and


 A. BAILEY DENTON, Pr erphil Eneniver by the Com
















## 颠ome ITems.

The Court in Scotland.-On Wednesday, the 20th inst. the Queen went out in the morning with Prince Leopold. On Thursday, the 21 Ist inst, the Queen went out with Princess Louisa and Prince Moruy arrived at the Castlo on a visit. On Friday the Queen walked and drove in the norving with Prinvess Beatrice, and in the alternoon went out with the
Duchess of Athole. Tlie Right Hon. Edward CardDell left the Castle, On Siturdty the Quaeen drove out with the Marchoness of Eyy. On sunday the Queen and Royal famlryathended Derie. Dervice aylor officiated. On Monday the Queen went out is the morning with the Marchioness8 of Ely, and in the afternoon

The Privce ind Princess of Wales.- On Satur-
day the Prince arrived ati Marlborough. House fron Gunton Park. The Princoss, with Pringe Alber Viotor, Prince George Princoss Louisa, and Princess Victoria, returned to Marlborough House from Chis
wick. It is announce I that the Prince will visit Scarborough on Monday next, on his way to Grimston, on a visit to Lord Londesborough.
Pbince and Pbincess Ciristian left Floors Castle oo Tuesday on a visit to the Earl and Countess of Minto at Minto House, and aire eapected to arrive st Proymore this evening from Scotland.
Tre King and Quben of the. Belgians will arrive in Eagiand next week on a visit to the Quen. As an acknowledgment of the hospitality shown to formed for the purpose of giving their Majeaties a hearty national Eoplish recoption, and the Lord Yayor has accepted the office of president.
The Cabinet- - A Cabinet Council was held on Tuesday at the official residence of the First Lord of the Treasury in Downing Street. Another Council is summoned for to-day.
The Madrid Embisgy.-The Right Hon. H. A. Layard, First Commissionar of Works, has boen Minister at Madrid.
Ministrbial Chanaes.-Mr. Ayrton, M.P. for the Tower Hamlets, has succeeded Mr. Layard as lirss Lord of the Tressury, has bean appointed Fingnoial
 Lord Sizoley to the peerage, consequent on the death Lon, is the Conservative cindudute for the vacant reat Madrid has ament of Mr. Layard as British Minister a Madrid has caused \& Facanoy in southwarz. Seqveral candidates have been spoken of for the vacant seat, but Goverament candidate, Mr. Morgan Howard the Comservative candidate, and either Mr. Robert Coningsby or Mr. William Allen the working men's candidate Mr. Bernal Oshorne is a candidate for Waterford, in opposition to Sir Henry Barron and Mr. Malcomson. BisEopric of Sahisider.-The confirmation of Wr. Moberly as the Bishop of Salisbury took place on ceremonies. The consecration took plece on Thursday bury ofticisted, assisted by the Bishops of Liondon Orford, and Cheater.
The Bisfor aic or ExETER-The Gazette of Tuesday contained the offioial snnouncement that the Cheon had ordered a conjé d'alire to the Dean and Chapter of Exater, empowering them to eleat a Bishop, ing the Rev. Dr. Frederick Temple, D.D., to be by them elected Bishop of the said See.

GARTER KING $A T$ ABMS,-The Gazette of Mestay to be passed under the Gract Seal, granting to Albert Walliam Woods, Esq., Lancaster Moraid, the death of Gir Charles George Young.
Illiness of Mr. Peabodx.-Mr. George Peabody ILLNESS OF MR. PEABODX,-Mr. George Peabouy until Wednesday night. He was somewhat better esterday morning, but is still in a critical state.
ThE CHANNEL Squadron, under the command of for an experimental oruise to Lisbon, Gibraltar, Madeira and the Canary Islands, The squadron
arrived in the Tasus on Wednesday, and it is expected arrived in the Tasgs on W
trat it will winter there.

THE ELECTION CoMMISsions. - The Besurley Commissioners last week committed to York Cuthe, Fn an alleged caarge of contempt, messis. Ino tradesmen of that town, who refused to be sworn, on the ground that there lad been inquiry
enough. They were sent to York landeuffed, in charge of a police ofticer. On Wednesday an application tor writs of habeas corpus was made to Mr', justice IHayes in Chambers, and after a long argumen legally adjourned by two of the Commissioners only, the judpe ordered the writs to be issued, and to be raide returnable to the full Court on the secon

## froteigar.

Francr. - The Emperor returned to Paris on Monday in order to be on the spot in oase there should issued a notioe cautioning the publio against taking part in any demonstrations; and the Government pade every preparation to prevent, and if necessary to repress, a riot. In the eyenine the Emperor was presen heayy rinin foll during the whole morning, and there heavy rain fell during the whole mornugs art of the Republioans, M. Raspail, at the last moment, having nublished a letter advising his friends to stay at home Concorde, but the absence of blouses was conspicuous. M. Gagne was the only member of his party who kept his appointment before the Obelisk; he addressed the crowd, and read some verses suitable to the occasion.
The mob joered and hooted, and a serjes int of police Laving ioterfered, M. Gagne immediately desisted. At 2 o'cloot the Emperor, who, when in Paris, usually enjogs his after-lunch cigar in the stinall reserved
garden of the Tuileries, strolled thence by the terrace garden of the Tuileries, strolled thence by the terrace alogg the guay, in order to see the Demonstration lookian down from the terrace whioh overlooks the Place and in the Gardons, Ioudly eheered his Majesty and the only cry heard during the day was that o "Vive l'Empereur.". There was a total absence of the working population from the streets. No meeting or any kind took place in any quarter of Yaris, and the Euppror in perfect tranquill Thy tre Tracais whe he was reocived with cheers. On Wednesday his Majesty presided at a Council of Ministers, and returned to Compiegne in the evening. In spite of the general absence of demonstrations in the streets on cuesday, it is well known that there is a strong under large number of people are ripe for mischief. On the 2 Ist a meeting of the eleotors of the ciroumsomiption was held in the Ras Lson, at which MM, Jules Simon and Garnier Pages ware admitted M. Simon said, "We shall not go to the Place de la Concorde on the 26 th inst. We all here swear to fight, but only when we have prepared our batteries." M' Simon added that the Left would cause an inquiry to be instituted by the Chamber relative to
the events of St. Aubin. Applause followed M. Simon's speech, and the meeting separated slouting hive la Republique." Several yersons who attended this meeting subsequently went he round of the workshops o the workmen to gatine, endeavouring for the 28th inst, but the latter refused to entertain the suggestion. The Constitutionnel says that in the recent deliberations at Compiezne there bas nerar been suy queetion o
convoking the Legistative Body for any other date but that originally fixed.-Damel, November 29. In reply appreheasion of a seoret entonte between Franca and Russia, the Patrie siys :-

The Government of the Emperor does not want war, and
no dealre to enter fnto any adventuroan enterprieo Satisied with our pacific relations with the different nation of Europe, we endeavour neither to disturb thone relations no
to render them in any particular way more intinate. W wiah, in the intereat of the peace of the world, to see Eri and Austrie, Count Bismarcif and Count Beunt, Hve together

The Crown Princess of Prussia, with her five children, and her sister, the Princess Alice of Hesse, bave tion of Trapmana, the Pantin murderer, by the examining magistrate, M. Douet d'Arca, was resumed on Monjay, and continued on Tuesday, each time criminal persevering in his former statements.
Spats.-The Republican insurrection having been on Fridey supressed, the Gofermaent and liee cortos connected Fith the slergy, and the Mongrohioal or Republican form of goverament. The Cortes appointer
prominent parties, Progressiste, Unioniste, and Domo

## 品 <br> \section*{the sen

} agreed to suspend concesmina,the question of the ohformes

 increasing influence of the coali cal and Radical partied in the lar double murder was discovered Madame Van de Pool, a widorlady, To pear her daughter, about 40 years of ago wety Win honse murdered in s mose by the

## Thoy were las On the 15 th

on the door with the
orime discovered. It has annoe the ladies had sold out an invertmu had received the proceeds (11,
before the murder. That sim 500 francs in gold and silver Te the room where the murders he face is soratohed, night of the murder
 near Mons, charge
 dymg made disclosures which pit in the prisoner's garden guilt, and inculp.
 Dict
ou th
ourios

## 

House adopted a rasolution dow, inv thas
ession for a lattery loan of iunt Compan.

 will be at once restored.
COAST of AFAtca.-A great battlo has been fougint I, wiel 30 hours, and there who imunenso slaughter Bunub was uearly destrosel during the batile. Ako Tuabo captured 00 guus, ranging in calibre from 36 to
 E(iYPr,- Tue limpres of the Freach was reoeived
 left for Upper Egspt. The International Commission on the Jurisdiction Question commenced its sittings n Thur-lay
Capls or CiwD Mope-Acoounte from the Cape been in esssion si days, and that the verdiot of the country was that the session liad been more bsirisn of
fruitful results than any of its predeosssors. On frumul results than any of its predeosssors. On
Alcynt 23 thie Paper Currency Bill was rejected by
 liveon of Assembly by 35 to 28 . On Augut 90 th 1369, for the purpose of retrenchment ; and of September 11, after many protracted dobetns, the
report of tho Commitheo was adinted by the IIures and sent by address to the Governor The The most excitmel discussina which occurred on the Eotimaten was relative to the 10,000 . required by the Imperial Government for payment of the tropps. On Sep that the colony could not moved resolutions declaring that the colony oould not contiaue to pay the oolonial military allowanue of $10,000 l$. per annum. Anter a
discuasion, whick lasted the whole afternoon, discuasion, Whiok lastel the whole afternoon, and till past
tinns wero adntel hy a majority of 22 The excitement throughout the oolony when the vote became known had been unprecedented sinoe the
establishment of its Parliamentary inslifutions; and so general a demonstration of feeling, had not been seen since 1861 , when the Legislative Council, in the absence of some Eastern members, agreed to disallow the same allowance. The newspapers, with only one or two exceptions, oondemaed in the atrongest torms the aotion of the Parlismant. Mr. Pincus, of Bloemfontein, who had been on a diamond-hunting expedition to the $V$ ael River, had returned with four diamonds-one of $7^{7}$ carats, found on an islapd in the Vael River; one 331 on the Free State side; and one quite small. The geoond 1 and third are of the first water. Mr. Charles Kuypers
elected Archdracon M1rriman as the future bisiop.
INDI.-The Gaxotto of Indias publishes a Government despatch to the Duke of Argyll, which cunfirms the news that a reduction of $1,250,000$. has been
ordered in the expenditure on public works next year, and of son, nool during the curreut year. Litge savings in the civi am military estimates are also conA c) clone orcurred near Saugor on the night of the
$\%$ th inst. Azim Khan died on the Bth inst. at Arood, whway between Veshed and Teheran.
Japas - The Duke of Ejinburgh has been received by the Mikado publicly, as well as privately, and with marked cordsality, an event considered as unprecemented and of a highly gratifying character, Hts Royal Lighness proceeds by the Tien-tsin route to Pekin. A complimentary dinner has been siven by the foreign residents of Yorohsma to Admiral Keppel, at which the Duke of Edinburgh was present, The French the Consular Courts of Siam and Japan will lienceforth be made to the Imperial Court at Saigon instead of Pondicherry.

## of Pondicherry

 States Consul-General for the British Euct Indes, The Tennessea Legislature has elected Mr. Henry Cooper, Democrat, as Senator, defeating Mr. Andrew Johnen ne by one vote. It is considered probable that Mr, Brownlow will resign the Senatorskip, sud that Mr. Johnson will be olected to fill the vacancy. Democrats of Caliorma have surcerderk of earthquake out of 11 district judges. A severe shock of eartiquakewas felt at 5 A M. on the $22 d$ from Boston to St. John, Was felt at sa M. on Nas materinl damage was done. Cubl-a decree was promulgated at havann Monday establishing unrestricted religious liberty in Cuba and Porto Rico The document is of a Farz libera character, declaring that Spain cannot remain isolated from the qeneral movement in Europe and the world, and that this consideration is more powerful for the Antilles becsuse of their lying so near America, Where religiuts liberty is recognised by law. Nn one iet obe belief. A Protastant Church will probably now be established at Harannah, The Captain-General has
 taken plare off Cape Ifisti, between the Pressidenis steamers Salnase and Alex Petion, and the insurtent
steamers $Q$ faker city and Forida The Salmue was sleamers Quak
Pert. -A general panic has seized all the inhabitPeat $\dot{\text { ants at }}$ - genera. pance. The city was deserted, and soldiers and pulice wera patrolling it to prevent robbers from paking formal possession. The entire southern seaboard of Teruthad been abandoned by the population,


 an tout-war in the bay of Caliso had retired behind the The of shipping in iuticination of coming erent.s. The
pauio was expectel to las thmugh the Gral fort in October, even if the predictions were not re, ad.



## fliftosolis antif fis Ficinfty. <br> <br> 

 <br> <br> } Try ${ }^{2}$ Crty. The members of the jolint committe appointed by the Court of Common Counoil to make arranzements for the opening of Blackfriark l3idgo and Holbora Vinduel mot at GuliAhall on Monday Tho Belpians will probably merive of Jengland on November 4 , they should ho inviled to sommanay her on thas ainatarn sida of new hlicel friars Briduato scrme modate suv0 persons, and a like number on ench sl ie of the viadurt. It has not yet been delermine 1 whet her there will be e provession to cement her Majesty fromthe bridge to the viaduot, whe theen's wriber will be the bridge to the viaduot, whe Quean's whisher mill be mombers of the Corporation that there should bo proceasion, mad that the bridme and viaduct, a well arated. Tho committeo have not yet determined the part to be tacen in the ceremony by the various mheir friends. They have however resolvad that ho Court of Common Coun : in ill be reprenented by is members,

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oonjunotion with Dr. Pusey, has replied tuat, irith all respect for the distinguishrd members of the committee appointed to noppose De. Theclsues to act as president or Carlale has alen dectined th art upn
Which Dr. Pusey is tha wi.n eliairn an, on the grount

 been lately admumberug the du ise of Escrer, has appended his name the thesoorn and the appontment of Dr. Temple, amempanie ins a subi clnimed a vote in the Chapter is a sish-1enn, The
Chapter, however, declined to ailow the wote, lont fter taking counsel's opinion they have reverwe their judgroent, and summoned the sub-deals. Thus the grenter Chapter will elel It is tha mat grobable that of Prebendary Macharness The Council of the Church Aseociation have memorialised Mr. Gladatose not to recommend the

## laity by "purgiog himeel

arroneous opiniona on account of win Reviews ${ }^{3}$ were condemned by the two arnibinlups anu 24 bishops." The Dean of Exater and the Archleacon determination not to oppose the election, partiy from s feoling that Dr. Temple has not been fairly treated, and partly from a conviotion that the refusal to elect would bo both a breach of the law and ineffectual to prevent the appointment. The clergy of the diocese of Carlisle, and
 have memorialsedion The Council of the Enclist Churoh Union has resolved that it would be premature on their part to recommend any action by the Union in its collective copancity at the present stage of the asse East, in the county of Cornwell, requesting Dr. Temple to disayow his partioipation in the extreme opinion advanced by the other essayiats
"Rugby, October 22, 1809.
to scknowledg your




glring it a sanction in my own casse. My regrot at being drive

The late Earl of Debey and the Couet of
 tions in refererice to the late Earl of Derby were
carriol, after some opnnition na che part of some
presant to the expressions implying approval of his presant to the expressions implying a

##  <br>  on tha Derby its heartiont and sinco

The Middle Temple.-It is announced that Dr Vaughan, the Master of the Temple, will read the
Greek Testameut daly, except Saturday and Sunday during the Law Term, heginning on Tueesday, Novem Middle Temple, at 8 o'clock AM, ADy graduates Whether laymen or clergymen, will be admitted, if their names are sent to Dr. Vaughan beforehand by letter The subjeo
The Proposed Ratiway Station at the
Mansion Ilotse, at the meeting of the Metropolitan Board of Works on Priday, a deputation from the vestry of St. George-in-the-East presented a memorial gaxainst the amended soheme of the Metropolitan District Railway Company, and opposed the abandonment of the line to Tower Hill, on the ground that Goommodation, The memorial Fas referred to the General Purposes Committoe, Mr. Newton subsequently moved that the railway company be informed whioh will prevent the railway boing carried to Tower Hith, and the inner circle from being completed by them according to the original sohero. Mr. Roohe opposed the motion, and moved the "previous ques-
tion," urging that this was a subject with which the Board had nothing to do, and deprecating any spending of the ratepayers' money in a Parliaurentary contest, Afteranodiscussion the original mation was agreed to,
Derpatcre of the Great Eastern por India. Departcre of The Great Eastern por Indid Indian cable, left Sheerness, and proceeded down the harbour at $2 \frac{2}{2}$ knots sneed, using her screw only.
The wharves of the dockyard were orowded with the The wharves of the dockyard were crowded with the passed, the compliment boing returned by the crew of ship of Admiral Warren, simplar
Wirda mannang the rigging, while the admiral's band piayed an approirtiate arr. The paddles were then set which rate the ship proceeded two miles below, the Which rate the ship proceeded two miles below the
Nore, where she brought up to take in her stores. On Surday she left the Nore for Partland, where she will complete her coalina, and leave the first week in November for Bombay, touching at St. Vincent and the Cape of Good Hope. The Amnestr Demonstration.-On Sunday, of the Amnesty Committee the grion of the chairman fayour of releasing the remainder of the Fenian prisoners was held in Hyde Park, It bad been arranged that the varions processions should leave Chariog Croes at 1 P.M.s.s and before that hour Trafalgar Square was orowded. Along the terrace under the procession, a body of 500 women, which was afterwarde increased by further arrivals to above was afterwards were hesded by a young female dressed in green, and a harp and the words "God save Ireland" pold, with arrival of the committee at half-past 1 the procession borne side by side $51 x$ harsemen, after whom were banner, sirailar to that which headed the tomen's prooession. Nart came the Amnesty Committes and
brass band. followed by the "Ladies Brass band followed by the "Ladies' procession,",
Banners with the inscriptions "Release our brethren,"
"Let the captives free," dce. were horme in this sinn. Neat came the st. Patrick's Brotherhood, the
 A uclley Street into Oxford Strect, and so to the Mirhle The greater number of tho processionists wasambled, ably attired, each weariug a green rosette, or green branch to imitate yew. Along the whole route crowds park many thousands of people procession, and in the park many thousands of penple, who took no part in the cemonatration, assembled to witness it. The oon-
tingents from Holborn, Finsbury, Clerkenwell, and the eastern districts did mot arrive at Charing Crose in time to accompany the frot, part of the proceession. and they tonk the route along Picuadilly, entering by Hyde "Pioneers of Liberty," displaying a banner with the Words "Disobedience to tyrants is a duty to cod ;" and an nrange hanoer with the words in blue lettere, "Put " Put
your trust in God, but keep your powder dry." the pledge to rovern "Release the prisoners, or retract in acvordanoe with Hyde Park presented on aspeot in Irish iate Roform aritation. $A$ frapit diaplayed during the late Reform aritation. 4 fragment of a tree wis made
a constant pressure, which in some measure disturbod were occupied as usual by boys and men. In another place was a crowd closely packed together to listen to
two men going through a burlesque of the Litany, the burden of which was the land laws. At other spota

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## mang large come

shown that little mas to be feared. The Chairman
(Mr. J. J. Meriman) having, not with out some difli-
culty, made his way to the platform, commenced his
address by stating that he was there simply as aember of the great Enalish Wiberal party, and that neither he nor the 100,000 people who had signed the
memorial in favour of relessing the prisoners were leog h into the question of the prisoners' guilt, and into the general qucstion of mercy to political privobers,
and described Mr. Gladtones recent declaration as a
lamentable mistake. He concluded as follows.lamentable mistake. He concluded as follows :-
"The Governnaent cannot Bhirl the serioua Isaues, and must
determine for themselves whether Treland shall" be to the detormine for themselves whether Ireland shall be to the
Gladgtone Ministry what it has boen to every prevlous Whig
and Tory Government for many penerations an unconquer and Tory Government for many generations, an unconquer-
able diffculty, or an easy na pleasant task to govern. Up to
the present moment no rational and weollinormed man will
deny that Mr. Gladstone's Iribh administration has been a
foiluse

 avenging themselres on officials uth 2
adverse to the guardians at he said, the gunrdians showed a con
the Poor-law of the 200th clause. On Seroms was read, when it was almost re, resist the authority of the Board, and $\mathrm{cm}^{+}$, suggestions made by the Presidenk
NEW CoUNTY PRison Fos Hirmine
meeting of the Middiesex mazistrates at meeting of the Middiesex magistrates ast
question of a site for the new prison mas bad resolved to erect pand nueethg bad resolved to erect Fas d.scusw s.
in the meighbourhood of Clersenmes ; "np
approved by a large majority. approved by a large majority. by Mr. Sergeant Payne, that commament
opened with the Home Secretary wilh it an
of the prenent gaol prisoners confinad of the prenent gaol prisoners oonfined for a
and thus render a new prison unneceser On Wednesday evening a public mpet ci $2=$ the vestry, was held at St, Pancras Vestry $H_{1}$
against the ereution of the neus pron against are arection of the nevf prison a the necessity of county rates, as proposed by a Bill brew con lisment during the past session Mr Co, in
Turner occupied the chair, and Mr Wik
the first resolution, deprecating the pern the first resolution, deprecaing the pen -
new prison at a cost of atout 13 ."
an additional cost of $20,000 \%$,

Mr. Clapham, torn counciller of Tads,
Mr. Clapham, tomn coundillor of Leeds, represeating
the LeedsAmnesty Committee, moved the first resolu-

## Iroland renders it oxpediend that the whole of the political prisoners should be liberated, and that thelr further detention is liable to engender prejudice and ill-feeling againat the Government and people of englasd in $t$ and people of England."

He urged that if the Government would not release these men, they ought to be placed in a special prison and not treated as burglars or pick pockets. Mr. Rsan secondpr the resolution, which was passed unauimously. founded upon the resolution, and concluding witheen expression of an opinion that the exereise of her Majesty's prerorative at the present time, by which families and kindrad, would awaken a strong sense of gratitude fowards ber Majesty's crown and pens mong all elasses and creeds in crown and person reatly tend to facilitate creds in Ireland, and would that country, and to strengthen its attachment to Great Britain. Mr. Robinson then moved a vote of thanks to the committee. Whiph was seconded by Mr. Kelly, and passed. Mr. M'Dondell replied, and a vote or thanks to the chairman brought the proceedings to an mell At the place where the Holborn and Clerkenwell division bad halted, speerches in favour of the Ombery were made to a considerable crowd by Mr Onborne and others. The speaking at the first platceedings terminated at about and the whole of the proceedings terminated at about a quarter past furr. The policeinthe parker was observed throughout, and the There was, howover, astrong reserve of poli 'o at hand but no occasion presented itself for calling them out GNDOWRD CFABTTIR8 OF TEE LONDON COMPANIES
-The digest compiled bv the Charity Commissioner states the rrost income of endowed charities vested in applicable to the support of almo lese than 88,912L. i and pensioners, 1369l. to distribution of artreles in hind of the distribution in money, 182l. to the general uses ticing and advancement, education, 5647h. to appren anounting to $1 \overline{7}, 983$ ? are paid to clergy. Sums schools. The Drapers' Company administers as much Charity Estate, producing, including the Bancroft Howell Charity, producing nearly $4500 l$. a year, tha various small eudowments, including for schools, and for preachars at $S$. Pants, including such items as $8 l$. or preachers at St. Paul's, $40 l$. for the Arabic professor The Mercers' Company's poor prisoners, sermons, \&o ncome of 13,1481 . : includiag 0547 for whating on's almshouses, $1800 l$. for the Mereers' Sohool in which the company educate 70 boys, Lord Camden's and Sis T. Bennatt's frust tund of and advancing, against which atauds "company's dinner" 1537 " yegr, company have also the control of St. Paul's School, The whether this is as shar own property, but the question
maintenance, notwithstanding that the desirability of postponing the further the subject with $a$ viow of seaing prisons in the rount ry and not fully ratepayers of the connty, who are alreasf great depression, partly in consequence of the resolution, which was oarried unamopisis Thg Evangexical Allunce- The o the Aliance for the present year will
The business will oommence on Tuesday, November 23 , with a busine
Council. In the evening there will members. The following is the list of the - Wednesday, November 24, momion al delivered by the chairman ; prase end reading and exposition

## , appointment of secretaries

tion on the order of busines
tions adopted in 1816 will be read 6, cash account, by the treasurer nominate a committee to propose the list Protestaut Reformation union, and the importano them in all countries at the prexan
 chapels in the evening. Thursday Morning- 1 , Chajrman's addreas, following subjects:-The relation modern scieoce; the true sud proper bssitint
union, its manifestation and intimate rem
 -Addrosses by foreign gentlamen and religious liberty in the diferent pat bet men true believers in this and fere $c$ Friday morning, November 26 , pub
for members and visitors, at which res submitted; at 1130 , bus address: 2, appointmeat
 countries to be held in New York in Septa reports will be presented of arm the
and addresses of delegates from
of the Alliance: 3 Home mission of the Alliance:
publie meeting
 oeveral weeks in the Crimes, prepar the who
observations and examinations of the

# THL GARJ)ENLRS' CHRONICLE: INI ACRTOULTURAL GAZETTE 

## ou the posernor <br> inard the attanment <br>  <br> In ond guide throughout all his  TI lies hetive on Kow and In bridges on the Lea. nof hathel, which is to be repaid, onterest, in the jear 1 qua The ithe net produce of the London Ians fart the yiea $a^{+}$least (hu) 10010 . <br> apming of the bonds, their value will ated on the principal emplosed in liwir Coupayi bnve completed and are now taking into considergand are now taking int considers- from different pars of the country re requrred, and where the best local ke'y to he pisen. A few of the most is sad, after due inquiry, be proIf aceris's MFssevger - On 'harles Howe, one of the (Queen's

 arles Howe, one of the Quen'son leave the Home Oflie with Majesty at Balmoral, when he
and died shortly afterwards. He and up to bis sudden seizure
usual health. The jury, at the usual health. The jury, at the
nath had been caused by apoplexy, of of the neart.
-uriv Fivigrant Shtr - A bottle hursłay on the Cornish coast, near eturant ship Weser founderod on as mere on board, all of whom, a
n niemnrandum, were drowned.
Fire AT NEming ToN--The coroner's
near \emington Church was resumen rhen some of the neighbours expressed inde. Arter a long sitting the inquest

Hfith by Poison at Penge.-On Carter Coroner for East Surrev, held
uth Denge, on Mrs Emily Fowler, the w.fo of Mr. Walter Trewren as found dead on Sunday Trewreng,
a bay windnw in front of the louse ired in 11 I Itan strect, one of the best Tl. o death of the lady has
ion in I'enge and the neirhcourt was crowded to excess. The 1 much domestic unhappiness, and it n of the witnesses that the husband unine in heased, who believed that order that she ref. The inquest was adjourned.
Enias Martin.-The New York of the Irishman writes that there is no silpwionn that the Fenian "Ed ward
led recently from a street accident men rescued from the Manchester le says that Deasy is living in Boston, tas report reached that city that he was e repprt reached that city that
fate at King's College Hosnital.
 (5) He fimale chuld of Adelaide Freedman. anc 'tat the mother, fearing the return of
and Wier of the fact that she was the mother of a
$=\pi$ meers old, attempted to poison herself and - tor syepeeded only in the case of the latter a verdict of Wilful Murder against
Healin.-The Weekly Return of ederal states that in the week that is London and in 13 other large towns persons live annual rate of mortality is nen persons living, being 24 per 1000 in
 in Newcastle-upon-Tyne, and 30 in Parls the annual rate in the same
ver lion0. In Berlia during the seven inst. it was 26 per 1000 In 1061 boys and 1031 girls, in all
rekstered last week. In the of 10 years $1859-68$, the averace in London during the week were 121 Week of the year, and the average
reek, corrected for increase of popu19 The present return is therefore

## Frobintial.

an early hour on Saturday morving at Woodlands Park, Manningham, ryed that one of the windows was Tous mand, he suspected then he passed it on
and then aroused the houcohold. On an oxamination
boing made,
left was found that Mir Molderio cold wateth disappeared, and also that on the dressing-lab.e. hat burglury had been aonomplished in the circumatatice he was asleep, sud 301 . Atolen from the pocked whinte trousers. No trace of ike thae? has been disoovered.
Cimmanga-An audawaus place near this - An audacwus bushas rat rathery tish
 ow, where she resides Afler turning or the hish ryad genteel sppearance, balf manked, boctiplow and man of and mounted on a powerful black horse, rose spiftity off his hat and rode across the route of Mrs, Perkins with ber horse. He then drew s to come into colli-1on presented it at the coachmen, and intimated hes porket woved he would blow his brains onk. Heving thus enforced obedience he rode up to the window, and drom her morket and gave it lins, and ha sovercign off. After thas he rode about ilie nembhourlamo 3 persons. He was appretiended on sumbay mothens at a public-house about six miles from Cumbridge single-barrelled pistol, capped and loaded with large bot, a case of lancets, and other surgical instrumenk a pocket microscopo, and a photograph of a lady Me a medical student the nephew of a well-buno wa slcian. On Saturday he was taken before the maris trates at petty sessions, and committed for tria! at the assizes -On Saturday afternoon a labourer's wile named Osborne, was killed by her husband at Rottesham, a village in this county. T'he mun was under the of which tore off the upner parged a gun, the comtent was taken into custody on the eharge of Wilful Murder.

Frome.-On Friday morning a fatal explosion took this town. The catastrophe occurred on whet is called "the furnace level," and is, as usual, attrintuted to the recklessness of one of the men, who 13 believed to have fired the kas when lighting his pipe. Soven
menn and two boys have been brounlit up dead, and aix others seriously, if not mortally inumed.
Wole.--During the gule of the 2nth inst, the Araves, steamer, of this port, from Crontade to Lomelon foundered in the North Sea, of the laman and Nore
Lightship. One man and the mate were drowned, tho Ligatship. One man and the mate were drowned, the Hull on Monday

## Jons, and was laden with a valusble cargo.

a Bill for mata on Friday unanamously agreed Helier and St. Aubin a distane of railway between St tation and st. Aubin, a distance of four miles, with harb Nourmont, where it is proposed to establiah a harbour which will be accessible to the mail packets at all states of the tude. The company is bound to commence the undertaking within three months after the bilt has received the sanmtion of the home Governaent, and to complete it within 12 months.
Livarpool-At the Bormagh Police Court on Saturday a man named John Dolan was brought up on the olarge of having in his possession several docu ments of a treasonable character and a book of rules for the guidance of the Fenian brotherhood. Some of the documents hac been placed in the hands of a representative of the head-coustable of Dublin, who at once started for Dublin Castle, in order that they mught be laid before the Lord-Lieutenant, and a Warrant Ireland. Lider these circumstances, Sergeant Doran, of the Irish constabulary, at present stationed in Liverpool, stated that, in consequence of information he had recelved, on Friday evening he searched the pris'sner' house, and there found the book and documents referred to. The prisoner, io andwer to tbe charge Fork, he found the paperning, as he was going to ht bank pass-book, and took them home, threw them upon a shelf, and thought no more about them. He had lived in the town for the last eizht years, and was remanded until Wednesday. - At the borough police court, last week, elght men, named France, Simpare Smith, Clarkson, Farrell, Roach, and E.ward and . fred oll were charel, on remand, witu carrying on the Alliance Betting Room." It was shown that the paid 182, each per annum for their stands, rranee was in penalties ranging from 100 l , to $25 l$. The magisrates gave wara mprisonment without the option of fices. Notice of appeal was given
Maychester. - An Educational Congress, composed of persons favourable to the principles of the denominational education of the poor, will be held in the Town Hall of this city on the 3d suation Education Union," the main object of which is the preservation, amendment, and extension of the erssting system of national education. The following have signilied their general approval of the scheme, and willingness to co-operate, or attend the Congress, of read papers:-The Duke of Northumberland, the Rev. Master of Trinity; the Rev. Dr. Payne Smith, Regius Professor of Divinity at Ozford; Colonel Akroyd, M.P Halifax, Mr, Herbert Biriey, J.P., Pendleton; Mr

Inugh Birlay, M.P. Menchoter; the Fducation Com-





 Ghaneotel that there atted dan e will bee rumerous at
 Mooday. for the purpose of Infirmars was held on Modday, for the purpose of acknowledging a gifis
of $10,000 \mathrm{~b}$. by Mr. Robert Baraes, for the establish. nent of a convalenoent home at Chendle Mr Birley,
 toce its estahiskment, more than yoc years ago. The Barnes, and it wer reoolved there the nent jnstitution Barmes and it mat reolvod chat the new unstitution
NEWCAsTle orecled to commemmerate 11.e Rift

 asted maning of Jrish labouners emplay ed in the stonhere were abonat 10 and factories in the datriet, and bere were about 10, ,hat persons present The chair was orcuped Mr Mr. IS M.Anulty. Mr Clarles Darkin,
 peakera were Irishmen. The tone of the apeschen wa noderate, and the putitions were areend to. By the Morention of the Mayor there were nn policemen on tho Moner, nad the
 Oxford, whemh has bemanar varant hy the death of the
Earl of flerhy, is ant the gift of the membere of Convocation. 13ishop loorbes, of Brechin, has already drectel the aftention of Convoestion to the clams of Conservative party 16 in, while a kecon I weetwon of tho von, tho present High Stewned It is sadd that $1 t$ is ant 1 mprobable that Mr. Gladitone mas be put in nomination by the Liberal party in Convoration, end mong other names mentinnen are hione of listi stanEarl of 1 Larrosin : The llygh Hon J R Mowbray, MP has given 200l. to Koble Colleke, tho buildinga of Whelt are now rapidy approaching completion. the college will be yethed after the mett lone vaca, the Bhand lise mile known that he will be unable to hold visitations
parishes all the previously announced, and that he will delver his charge once only, namely, in the cathodral Christ Church. on Thureday, November 11. - The Rev. Shapharzi Elalzi, a converted fire-worshipper of the oelebrated sect of the Parsees of 13ombay, is now icting as assistant curate of Ifoly Trimits, St. Ebbe's, Portametir - The serew-sloon Id.do 1268 tons, was launchel on Saturday at this dookyard, in the mesence of Vire-Atroiral sir $J$ Hope, hear-Admiral Key, Admiral Sir G Talbot, and a large number of naval and mothtary officers.-At the (Q larter Sessions on Saturday, William Flowers and Rabert IIawkins, watermen, were ind.cted for attempling to stenl an ron chest, containing $1,0,1 /$ in money, from H M S. rom their bo prisoners lay alongside the dockyard, and had nearly succeeded in getting the chest out of the port-hole when a Marine calted Aicken, who was on duty as a sentry on the jetty, heard a noise and raisend an alarm. The jary lound the prisoners guity, and Hawkins, who had been previously convicted of felony as sentenced to two bears imprisonment, with hard labour, and Finwers to 19 months' imprisonment, with hard labour The Recorder intimated that he should make favourable representation of the conduct of Aicken, the Marine, to the authorities.
Sheffield. - Mir Alfred Tingle, of the Victoria and Albert Flour Mats, at Brightside, was charged 32 lb . of alum for the turnowe of usine it in the ardulteration of four. The defendant pleaded culty thas stated that on a searh warrant benge obtaned reat diticulty in fudipa the truth rarou obstaeles having been put in their way. Sacks wero removed from one part of zhe mill to the other, some lace. At last the officers fuund a bag containiog 331 l $f$ alum reour vers fine eridently for the purpose mixing with four. Two bags which had coutained nowdered alum were also fornd. The magistrates said powdered alared the case a had one and should inflict fio of 101 mid cost or olle mont imprisoment in refalt, and in addition to the fine thor would onder the defendant's name and place of abode to be advertised the defendant's name and p
in one of the local papers.
SOOTHAMPTON. - The North German Lioyd's steamer Leipzig, which sailed from Southamptoo on ar bout eight mises outsue the Noedles. The Luipzig, demages and sailed again on Sunday afternoon. The achooner had bowsprit, jibboom, and windlass carried away, besides other curag.
outhend.-On Tuesday Archbishop Manning opened a church at this place, where the Roman
room in the house of the resident priest There was a
large attendance of clergy and laity, and many of the artillerymen stationed at Shoebaryness were slso presente The new ehureh, which is situated in Cliff
Sown, is a Gothio building, in the early English style, Town, is a Gothio building, in the early English style, is brick and stone mixed, with some excellent carving.
It is 85 feet long by about 30 feet wide, and it is so
arranged that, if required, it con be enlared. The arranged that, if required, it can be eniareed. The bishop preached the sermon, and expressed the plea-
sure which he felt at opening that beautiful chureh in a place where hitherto there had been none, and he thanked those who, though not mombers of his churoh, The music was executed by the choir of St. Aloysius, Iondon, the members of which went down for the ocoasion. Professor Barnett conducted. In the afterchurch
UTTOXeTEs. - Loord Vernop has recently erected at Sudbury several model oottages for farm labourers, Each cottage contains a liviog-room, three bed-rooms, privy, cesspit, and ashpit, The ocottages have been
built with bricks made on the estate.
Windsor.-All the efforts to continue the harriers as a Royal pack having failed, it was resolved at a presenta a requisition to Sir Robert Bateson Harve日, of Langley Park, inviting him to accept the mastership of the hounds on their becoming a subscription pack. In numerously and influentially signed, but 15 gentlemen put their names down ma kuarantors for the expenses to be incurred. Sir $\mathbb{R}$. Harvey accapted the requisition, and on Monday the hounds, when sold at Tattersall's, were knocked down to him at 130 guineass, being in guineas above the reserveprice, all competition bav-
ing been withdrawn. The Prince of Wales has since requested the commititee to accept the pack as a present.

## Ireland.

Thre Vacant Law Offices.- It is believed that Mr. Gladatone will offer the Irish Solicitor Generalship, vaosnt by the appointment of Mr. Serjesnt Barzy Londonderry.
Texs Frntan Pbisoners.-Mr. Gladstone's letter refusing the amaesty demanded for the Fenian prisoners, has not produced the sensation which might
have been expented. There is but one opinion among have been expented. There is but one opinion among all the loyal and well-disposed classes, no matter what their politics-that no other course was left open to such \& deelaration was absolutely required in order to
chack a mischievous agitation. The "National"

 for ever the bolcy of cot.quest and say " it eays, "now stands before the world a nstion. Pingland has left us little to lose by oivil war, save mud
cabins and growing crops. A little labour and a genial sun would soon repair our losses, but more than sunshine would be necessary to restore London and Mancheater, Ireland seeks not war, but justice. If Eagland prefer war, the choice is her own." This article
is followed by a republication of an essay by Mr. is followed by a republication of, an essay by Mr. appealing to the Proteatant, spirit of resent ment on aooount of the Diseatablishment of the Church, and recommending a strictly logical application of the doctrine of "felonious" landlordism sion of landlord "felons" into the teasnt's property, and to shoot them in selff-defence. The People of "The Gaoler's Reply: What slall Ours be?" After than the release of the political prisoners is involved in Mr. Gladstone's reply. "He has ignored the solemnly Irpland. We wait the reply of the Irisk ne has defion "Thed Flag of Ireland declares that ilhe constitutional demand of an earnest and united nation has been contemptuousiy flugg back in their teeth, and it thanks
England for the lesson; adding that it is the last oonstitutional appeas that will come from this land." The Nation says that the opportunity for a splendid and ask what is it asticer has been passed blindly by, policy of British rule in Ireland minoo Inoland fint that though time may bring its changes to ull the pronds Ireland remains unchanged, Mr. Isaso Butt rule for mireiand remains unchanged. Mr. Isaso Butt has transmitted to Mr. Gladstone an address, in which the Premier was entreated to release the Fenian convicts, on pain of forfeiting the clory he won by his two
famous letters to Lord Aberdeen in favour of Poerio and his companions

The address pointed out that if Mr. Gladstone was sincere in denouncing the barous injustice, he could not, without recanting his docrtinf of la y ears aco, anvise the continued detention of the Fenians. Mr. Gladstone has replied in a letter to Ir. Butt, from which the following is an extract:-


## guilty by jures of thair fellow-countrymen. The prisoners li the kingdom of Napies were arrested and imprisoned without due legal process, were, in a sist proportion, not tried 

## Vibitations of the Two Abchbishops -The

 Archbishops of Armagh and Dublin held their vinite present circumstances of the Church. Their obarges derived more than usual interest from the opinions expressed at the recent lay conference, to whien theirGraces were expected to give some response from the episcopal beuch. The lord Primate in his oharg deprecated the weakness and folly of spending in Hemains for preparation to meet the coming change views froma them are as warmly attached to the Church as themselves, and have given to it liberal contributions and assistance. He expressed a hope that no altemade except what was unavoidable would be made in Church the Church of a party would be to defeat the catholicity ol its mission, while to extend it unduly would be fatal to the orthodoxy of its cremmutation in the absence of sufficient information, commutation in the absence of sufficient information, and exborted them to exercise an unprejudiced judg-
ment, to cultivate $\&$ spirit of moderation, to avoid ment, the cultivate a spirit of moderation, to avoid have got over the pressure of their jmmediate difliculties, and especially to guard against the formation of parties. He regarded the system of voting by orders
as a great protection to their independence. Both as a great protection to their independence. Both
clergy and laity were thereby invested with the power of preventing any party changes, and the Bishops happy circumstance that the laity had adopted this system. The Archbishop of Dublin commenced by re viewing the passage of the Churoh Act through Parliament, and complaived bitterly of the conduct of the House of Lords, which had promised so much, and done so little, into a long argument on the subject of commutation, the tendency of which was to abate any undue expecdirect of pecuniary advantage to the Church from its sum being realised, something like a re-endowment would be obtained from commutation would, in his opinion, come to nothing. Any attempt to encroach upon the fair liberties of the clergy to impose upon would bring revision of the Prayer-book or Articles, matter of giving to any body that increased hold upon them which ultimately commutation would give to the Church body. He went further, and said that not only must there be the absence of agitation on these points, but reasonable seourities that nothing of the the laity had as little desire as the clergy to lift their anchors and drift. He pointed out the risk of forfeiting, through innovations, the sympathies of their Ireland to a provincial and reducing the Church of For himself the declared that the Church cannot afford to part with, and would be at a most unhappy strife With its own usefulness if it sttempted to part with, either of the great theological tendenries which are
making themselves felt within it. His Graoe expressed satisfaction at the adoption by the laity of the plan of voting by orders, and advised the clergy to agree to the recommendation of the late conference that the lay He erentatives should be iwice as many as the clerical. positions, the duty'of giving liberally to the Church, and that the assistance of those who advocated disestablishment ought not to be rejected, as some proposed.
Am, tone's letter, the amnesty mass mectings were repeated at Carrigaline, eight miles from the city, the contingent of which was conveyed by railway train. There were bands, banners, sad party rosettea as usual. The ohair was taken by a Roman Catholic parish priest, the Rev. Corn Millors Reardon and O'Brien, and others, addressed tone, whose name was received with grosns, and hisesed that no measure will be satisfactory to Ireland until the prisoners are released. When a resolution on the land question was tendered the people would not listen, Tralepersed. An ampesty meating was also held at Tralee on Sunday, which was attended by about 1000 penplo, among whom there was not one person of any
social position superior to the small not a single magistrate, and, strange to say not one priest. On' Wednesday eveninga crowded meeting, Monvened by the Amvesty Association, was held in the passed expressing iogret at Mr. Gladatone's were declaring a determination to continue the agitation, and to form local amnesty associations throughout the Octrage on Count de Jabsac.- One of the most pppular of the resident proprietary of the county following threatening letter :- , received last week the


## two years.

AGRARIAN MURDER
Friday morning in a dound

## Curraterrife, It is supposed

gunshot wound in his neck: beaten to pices with stones, traced, and it was nearly im was flred at or not. The was frea at or not. athe his cousin, Mr. CorDelius 0 'Brien, the estate in Sligo, had had som the temants, and obtained
three families at the Quarter three families at the Quarter Sescinas of now just ended. He was geanerily
was much liked by all. Nine peron sm on suspicion, and the police have mowid ctothe
ANOTHER ATTEMPTED Ass188rimTMnolan Hir. Brett, was fired at thrount window of his residence at Rathreale will The cause of the attempt is unknorr

Scotiant.
Tue BisHopsic or EpirgutanBishop of Edinburgh,
tion to resign his see the names of severai emineut clenves troned in conneotion with it The tian
ever, reconsidered his determination an aver, to resign, has issued a commisision of Moray and Ross to addminster it diocese of Edinburgh is now, there ore
position, that wheress it had unti, ate Dr. Terrot and Dr, Morrell, cund di, Tesigned a few weeks ago- lt is now pre any, and is placed under the direchica $a^{2}$ THE FACCLTY of AdrocatEs- -0 in Gordon, Q C., was unammousis elestid Faculty of 1 drocates, in rock
apponnted Lord Justice Clerk.
Frefdon of Eidinbergh io Sib presented with the freedone of the city referred to the respect held for Sire Jam of his ohloroform and acupreselure der The Telegraph to Shmiand,- of another step in the nortuwad 12 graphis communication is reporad Wick to the Pentland Erilh, wa opect Wick to the Pentland rinh, of the alde lines connecting the islan throughout.

## 3 ${ }^{2}$ (Tmay

## Fatal Accidsert on rig gatit

 On Sunday night, as the 8 ocious ilto Peterborough was spprosoling 22 miles from King's Cros several of the carriajes ran points, which prevented them, the carriage and thrown off the line. Walden, a farin bailif
the spot, and a third Welwy - was so injured that morning. Several other person-
seriously. The inquest was opened adjourned.
Friday evening on collision tuns passenger train and goverai coan. fireman were killed on the
slightly injured. The juiy

Whil Dueth, with a oedsure on the oomThunadience in allowing a man to porform
 ington ran into another which Was don Jubction ons, and smasked the about trary train and several trucks. my into the train was also much hiver ecapashibe and Yoresimber. - the presenger train from Barasley is was prooeding cown the steep If bane ioaded coal waggons, which $r$ athe loade attached. The tender me, whill was in ront, was a mos He rat rarriate sitfering the full Amony those mont infured tras itwan ne.enary $t$ sew up the Wente, ten smelttr of sheftield, and . were also upured in the but and wathlo to go on by a special brain, Whick a imost broken to piecies. or anods atation at H-On Tuesday a.majuit ire, and was completely gutted. vumtnts to neariy 20,000 . and nothing cou men called Wharton were severely hurt the lafter 80 much therpeoted to live. The goode destroyed withexpeoted to live. The

## 至aw.


 --
 ad the petitlon, therefors, muit bo dismissed.




 nature from the letter 3th counsel discussed the serera)
The Dean of Arches nrpearci, he was without the aseistaboe he
And hi Ir pronded several points on the rimg to 1 , the snatcommencing with the
 mase ; that the decree or citatiun fullowed arge an effecce of a difforent ind nare from
tre letters tof request and citation, but heratieal fuctrines the norks of Mr. Bennett, shate to the sjers of other cleryymon, and absel cuntunded that they load a righ ine i cif, to shas Mocded Bennett's criminality 1grient, ang declined at prescnt, flowigh ntritetha, to alter the day of hearing, sppointed

Courr, - Sham Plate-Glcts Compan, the in er to defraud the public of the amount paid $\mathrm{s}_{\mathrm{i}}$ Worght in preted plate-glass insurance company. M Cout that e brother of the prisoners, Frederlol - ins of the ssme fraud, and was Bentenced to five inde. at that time a warrant was isstued for rart, his i been carrying on a moats enormona ant arid there could prisoners had beat indathy, mi
 would, Lowsever, paxs npon tuen
specifis offence of whish tins hat

 lo and care of her paients, without their
lerecfuled to show that thore hod been T the hutanilos of the Aut, and tho Comman







 bociling water, and sentioncod to 9 montha' hard lakour.

## sporting

newmarker houghton meeting.
M wh I, -Naulen Prate,-Mr. Morition's Stumpo best Havidicap Plate.-Mr. Crawley's Counsprouliso Midsummer






 E others. Afatch. -Colonel Lowther a shonk Hood beat Lord



Wenvesian - Oprtional selling Plate - Mr. Burnés Meden


 Electrieity beat Lincolin and Hlackler Handmmp Prute -Beron
 Stberesption Plate-Mr. R. C. Naylort Elondolin alty boat Somolina, Masaniello, and 7 othors sis -I, urd int I 11
 Giusteque Stuches. Mr. Merry's Suhith Lt walkcd over

 Handicas Plate. - dir C. Legard's Mdohipron bost Wild

arivitur, Solut and 8 othars. Sioceps,-Mr. O. Rayner, frin. 's
 Gomes, and Martinique. Thoy Stakek -Mr Morry' Bupebine 2fatch-Lord Wilton's Bylva received forfoit from Princu

Fribar.-Handicap Streeps.-Neuchatel bent Coman mit Brasch of Promise, and 7 othera. Nurarif Nakef - Natice Prolude colt, Royal Lad, and Sothers. Marden Praic -Semolina beat Lady Evolyz, Sister to Polly Perkinif, and another.

## Dhftuard.

The farl of Derby died on Saturday morning, in his fourtbenth Earl of Dorly, Barom Stanloy of Bickerptrffe, Chinister of Englusid, heir to the Troudest name in Engliah bistory, of a Royal House, and claraing blou 1 frona the Grect Emperora, was born on March 29, 1799. He was educated at
Eton and at Chriat Churib, Oxford, and thongh he did not take a degree, le won in 1810 thio Chancellor'a praze for Latin verec, inted tlie Holuse of Commens in 1 q2 1 as member for death of Lord Liverpool, in 1 G27, Mr. Coming, on recenctruct usg bus Cabutt from the ris for generations belonged to the
 Was followed by the arministmatinn of Lomd Goderich, whe
wai unable to keep the Ministry nuder coptrol, and Fellingtun then beame Premier, and the Fhigs in a body with Mr. Stenley among them, went back fato opposition, In the interval he had become mamber for Preaton, but baving bean defeated by Henry Bunt, he wam eloctad
Windsor, for which ho sat till 1832 , when he was elocted for North Lancalhire, a comatituenoy whieh be continued to of Earl Groy to power, ho wns appolnted Secretary for lraland, che Marquis of Anglesey being Lard-Lieutenaniu it whe at this time that
speecles in
contests with the lattere sir
 tho C lonics, and it was under his colomit amministrisel that slavery, was aby linhed In 1434 be selpanated bimsolf Tith Sir J ames Grabam, the Duks of Rivhmond, and others,
 wook office in the Aisministratimn of Honse. In 184f, on the question of liree Trade, be separder the I ry purty. In 185 by the adivice of the Dukc of Wellingtoth, we th as sent fur a few months by the Conltion cabser Lord Pajmerstur, he Aberdecn commisgioned to form ari administration, which



 and in hit Lat ter yemrt ho apoulred Horary difthotion by his






 the Quemon felt himself constratnod to decluie the offer of
 the county, the Mayor and Corponetion of wiserpoul and Prorkion Coxisozom, M.A., Prolecoor of Lathe in the Univerity of Ozford, diod on Beturday at Boatoo to of a chate Ror. Richard Conington, for many yearm ficuastiont
 of Mlowditen in lish in Ladelice katuent the liertfont and




 with the intention of their founder, Bishop Fox, and ondowod
 Boglish verse of the "Agatrommon of Rechylua," Fifh In 1855 orlitod Dr, Xagtali' "Howeric ibulude" His



 Ratiburgh Rectew and other poriodionin.
THK REV. JOFM Bril, M.A. . , vicar of Rothwoll, diod at hilu realdieense of the heart, in hio 8 Eth Year. Ile wet the son of the lato Mr. Mathow I3al, of Wootigigho, and brother to the for Northumberland. 1io bad hold the vicarage uf 1h,
W, ens. The whil of kad Kenyon has beon sworn under
 Hury st Einunnds, 35,0000 . Y Ye Johin Meubov, of Bur-
 Willuwh Juhn Camphod, Subeex, 30,0001: Mr TLomas ('oplo


 son, of Kull, 30,0001 : : Mr. Jemes John Roake of Somerset, 30,000t. ; Mr. Cherles Joseph
John Tabor Howard, 00,0001 .

## faxatects.

## Oct. 80

The demand han elitghtly toproved for genersi dencriptions of goodis, but no sdvance can be made in prices, tho stocks poming in good and some Oranges of groud quataty ate also to band from St Mohael's. Nuw Lemunts may bo expected in bulk ghortly, when prices wal rcce co of Polargontumis, Mignonetta, ruchsia, as.

## FRUI.



 Lamone par 100,

##  Beet, per dox., 20 to 90 Mint, per bunch, 4 d to

 Cabbaces, per dom, is to 1 AGA Paraleg, per bunch, sd to 41
Potatom Fork Regente p. (608 to 105 s Finkea, do., 8ue to 1903 carruts, per bunch, 41 ko mi Celery, pobund. 1a to 186 d Endire, ner doz., in 6A to 2s
 scurz nera, do., la to 193 si Spinseh, p. hushel, ess to 30 Horse Ladish, I bund. 3 to to 5 Turmage, per buach, id to od METRHPOLITAN CATTLE MAREET,

Monday, Oct 25.
We have a large mupply of Bensts, an I tmide is very dunt prices are lower for all kinds, and we the demand has mpeatly There are a few ; prices are much lower, and a cterrince cannot bo decreased; prices are much ow our foreing mapply consist

> 'TIIE GARDENERS' CIRONICLE AND AGRICCLTURAL GAZETTE

Ynd there are 8 Beapts, from Irelend, 570 ; and 2180 from the Hidland and Northern Countiess
Best Ecota, HereRerd Shorion Sect dultiturhernat
Beet Downs aud
Bet Beet Downs aul
Balf-breda $54-8$ Beaste, 5408 ; shbop änd Tamber, Piz, 725
The number of Beastr is Pery much emaller than on Thuraday iast, that The suopply of shee prices are vary rather higher than demand; cloicest descoiptions belng gearee make rather
 Best Scots, Here.
 Sest plowne ity Beants Do, shoredis
Beasts, 862 , Silucep andid Tamper
Best Long-wools
4 to 5
$0-5$
$\begin{array}{ll}0 & -5 \\ 0 \\ 0 & 4 \\ 4 & 4 \\ 0\end{array}$

## 0-4

6-5 ENGLLis


We have had a quiet but staedy market. Supplles of Engish Wool veing stitil amplo, provent any jmprovement as yet, but Colonial gradee, both here and abroad, are in good this probably will, booner of later, aflect the Englifk demand ${ }^{\circ}$
 FLEECEB - Southdown hoggote

Kent Fleeces
Southdown ewes and wethers Lelcester ditto Somro-Clothing

## تAY. - Per Load of 36 Trugses.

Prime Meado
Inferior do:
New do. New do.
Inferior
Straw

| 80 8to | 90 s |
| :---: | :---: |
| 20 | $\frac{70}{32}$ |
| 2 | $=$ |
| 32 |  | Inferior do 120atol30s

 Cunbrrland Market, Thumaday, Oet, 28, Sup. Meadow Hey 908 to 978 Inferior Clover ... 98 g toll 16


 Jnferios
Straw

MARK LANE.-MONDAY, Oct 25
The supply of English Wheat to this morning'e market was and factora accepted the prices of last Monday. There was a
 Peas were unchanged in value, The Oat trade was qufed at
the rates of this day week Flour meets with litule inquiry, and prices are unaltered.
Wheat, Essex, Kent, Suffolk. Whifor 4o \&

## 

Barker, grind.dist, gosto82s.,Chov. 40-43 Malting
OATs, EReser and Suffols and distilling 24-27 Malting

- Bcotch and Lincolnshire.. Potatio 2

RyE-MEAL, Foreign
38 sto 40 .
Winds 48-50 Earrow
Small 42-48 Egyptia PEAs, Foreign... .............. Small 42-43 Egyptia

- 2d ditto........................ditto 39-44, Country... $32-44$

The firet two days of the
fre: folnce then it has been cold, with weene have been very and Flour noted last year. The inpproved demard for wheat foreipn arrivals and home deliferiea competing wistained ; the warchoused stocls, could not be taken off by consumers, and again. We find proquotable change in the ralue of spring Beans are neglected. Flour has been a difficultentilon, while prices veasalo Mrived ofs. the conatio of whiah 19 grain and seed-laden 22 cargoes. The trade fin flostiag oargoes during the pint Las graduculy disappeared. Anrived cargoes of Wheat met 6d. par gr. cheaper. Rye and Rarley wero but litite wis abuct aftar. Bualuess in cargoes on paraage perd for forward ship Maize was limitu, sbout od. pers of Whe eat holding for hate ratis. ansactions were recorded.
The arrizals of Eoglesh grain are stanall, bot fair of foreign and the isttle English Wheat on this morniog's market, quotations, and in foreign only on limited burinees was trans acted at that day's rates, Spring corn was steady, without _-_. - Arrivala.



WANT PLACES.-Letters to be Post Paid. E XPERIENCED GARDENERS (or as GARDENER


## To Gardeners and Bailiffs (Head, Foremen, or Under)

## 



DAVID MITCHELL, NurbsRyMan and 8sbDBMAN



## WM. GUrdeners and Jider Gardener

WM. CUTBURH $\triangle N D 80 N$ beg to Btate that they


M R. Wh. PAUL begs to announce that he has made
 sa to nervices, who require open to Engagemente The fulceit particalan


difficult of sale, at, prices in favour of buyers, but in other
articles no materinl change in value has occurred. market this morning was numerously attended. Engligh
Wheat met a slow asle, and all but the finest qualities were 1 . per qr. lower; forelga, at the same time, being offered at a reduction of 3d. per cental, without yeading to miore than
limited business. Flour was neglected, and bd. per aack cbeaper. Oats, boing less plentiful, brought 1d, per 45 lb . more,
Beass and Indian Corn ruled stcady. Sept. 18
Oct.
$=1$
$=$
-
Wheat.

- Bar
arloy.


There is but Iittle SEED MARKET trade, the business transacted during the week having been having taken place. Winter Tares, with less inquiry, arc acarce and dear; our letters from Rotterdam quote an advance of 2s. per qr. In Canary sead there has been a fair trade pasaing at moderate rates. As the Boraugh houses are just
now glving their sole attention to Hops, Clovers and Trefoils now glving their sole attention to Hops, Clovers and Trefois
are fer the moment neplected. Tho Rape seed trade is firm. are fer the moment neplected The Rape seed trade
Windsor and Longpod Bans are now on sale in our market, aud values are beginning to be fixed. Feeding Lingeed, owing
to the cold wenther, 18 in improved domand Konigaber spriug Tares for future dolivery are now offering at very low
prices. For new French Italian Rye-grase higher rates aro demanded on the other side.

John Shaw \& Sons, 16, Water Lane, E.C.
METROPOLTTAN MEAT MARKET.-Oct. 30.
Beat Fresh Butter
${ }_{18 \mathrm{~s}}^{18 \mathrm{~s} \text {. per dozon lb. }}$
Small Pork, 5a, Od. to 5s. 8d.; Large Pork, 4s. 4d. to

W ANTED IMMEDIATELX, \& MAN of thorough




## To Gardeners

WANTED, for the Country, a HEAD WORKING Conbrratory Nork. AAply, by lottor only, to B. B., Mr. \#enty
W ANTED, a HEAD WORKING GARDENER.and Greeulouse Plante,

WANBED, a WURKING GARDENER and Wife W.

W ANTED, a Man and his Wife wirhnit incumbrance, ITve in the bouse Man as zood WORKING GARDENER,
as
 WANEU, A Man and his Wife (Citholics), The
 W ANTED, a GARDENER (single), to live in the Muk house, nod make himsolf generally useful. Will have to WANTED, a frat-clasg PROPAGATOR of tione, and all particularen by letter ouly, to Re R. Gumpuatid W ANTED, an intelligent, active MAN, of experience in the Plant and Beod Trade to neatiot ta taking and
VANTED, for a Nursery, aCLEKK (under 25), well



 $:$


COKNS and BUNLUNS.-A Gent.emath


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ANTIBILI
FAMLIT APERELST
CUCKLE'S ANTIBILIOUS in uso tbe last an gears or

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on use the last es sears for
 THE OLDEST




## CTARDENEK (UNDEB)

CTARDENER (UNDER), In a Genitle in Piant and Fruit Growlag. Throo Your pood no FOREMAN, in a Nobleman'a or Genticuil
 London and Provinoind Firtins to tho Juar


 AND AGENT.-The Adrettiser, , 2 TDOOR SERVANT (SINGLE-HAYDED, \%
 WHOPMAN and To The Seed Trade
 (HOPMAN. -Age 23 ; six yearis emen


©HUPMAN, or ASSISTANT.-Ape Ni, Satisfactory raforonoes from good Homes-E ${ }^{\text {Wha }}$
Warrington.

COWMAN, de, to look after thoroigh r


THE DECAY of the TRETH and dTIIS aeglect, th-bealth, and tho whe or tooth-pomphest
 alructure; to trapart a g grateful fraerance to
ombelish and perpetuste the arices of the mout
D INNEFOHD'S FiLLIU She best remedy for Acilly of the swo


DINNEFORD AKD CO, $17 \pi^{n}$, Now Bodd SLar In boxes at 1a. Ind. 2a. Mat, te Gd. and OCKLE'S AN IIBI


BY HER MAJESTY'S ROYAL LETTERS PATENT.

## BIISON'S NEW PATENT ECONOMIC BOILERS.




Aum are unde of the best Welded Wrought-iron, of good substance, having no overlapping plates, holes, or rivets, and are therefore perfectly secure aganast anyman and conlraction of the mutul, an oceurrence so frequent and fat il to all forms of Catst-aron Boalcra.
atiameter and length of Pipe to be Heated.
HENRY ORMSON, TTORTICUTTWIAI, 13世II.DFR TO ITER MAJESTY,
 AND TO TEE BOYAL HORTYCULTURAL BOCLHTY,
STANLEY BRIDGE, KING'S ROAD, CHELSEA, LONDON, S.W.

## REEN'S PATENT IMPROVED TUBULAR HOT-WATER BOILERS.

OBLONG BOLLER.

## the above boilers are

## THE MOST EFFECTIVE AND DURABLE EVER INVENTED.

thet to work at a nominal cost, jnasmuch as no brickwork is required; as will be seen from the above drawing, they are place upon a Cust-Iron Sole-plate, - prpose of Foundation and Ashpit.
ennrined substantal manner in which these Boilers are made, they are warranted to last for years without getting out of order; in fact, we guarantee them for dr that they will serve all the purposes for wheh they are intended for a much longer perrod,
dy adapted for Heating Grenhouses, Churches, Caapels, Schools, Public Buildings, Entrance Halls, Warehouses, Workshops, \&ec.

## THE FOLLOWING ARE THE ADVANTAGES OF THESE BOILERS:-

THE GARDENERS' CIIRONICLE: AND AGRICTLTLRAL (iNZETTE:

Forks on Botany, by Dr. Lindley.
D gsoriptive botany: or Thas At or

SCHOOL BOTANY; OR, THE RUDIMRNTE OF BOTAMTEAI, price be. 日d. M EDICAL and (ECONOMICAL BOTANY: or An Spome
 London: BRADBCHYY, ETANS, AND CO., 11, Bouverle Street, E.O.

 THE NEW MPTHOU Of GROWING FRUIT
 Frot by post ror $\}$

TOHNBON AND SEAW'B FARMERS' ALMANAC
 Marketr, and othor artloles of the groetest linterent to Agricn
WILLIAI RIDGWAT, 10n, Pionedily, W.; and all Bookncllers. Wow and Enlarged Edfiton.
IORD 8T. LEONARDS HANDY-B0OK

$\mathrm{O}_{\mathrm{N}}^{\mathrm{N}}$ the Munt MAGEMIENT of M \& HOME FARM
 2. Dincos mat stabler Arringoo


 Firm Supsiles,

Frontigplece of Stonelath Abbs Xonnion: WW TWEEDIE, or post free for seven stamps from Mry.
W. RUTHERERRD Be.lford
 Extablishment of stivetior rank
 STRONG JRINK and TUBACCO SMOKE; the cruoture Growth, and Uress of Malt, Hopa, Yeast, ard

Cheary Edition of Mise Braddon's Latest Novel. D EAD $\mathcal{D} E \in \mathbb{S}$ $\mathbf{F R U I T}$.

A Nove RTN Alao randy, by the tane Author, uniform, price zes., Story. London: WARD, LOCK, AKD TYLER, Entornoster Row, E.C.
 $\mathbf{M}^{0}$


 London: Published by blimpKins, MARSHALh, AnD Co, Bold

## $\mathrm{C}^{\mathrm{H}}$

HPAP PRINTS, - A Job Lot of ENGRAVINGS and


## S.

 AND T. GILBERTS large and well selectod 8TUCK
 counc oft the published price of all mw ure divced brokn, thd for






 K TCCHEN REQUTSIT Nenes (ineluding Brushen and arner):-WILLLAM S. Boffl in four nete, ench complete in

in the morning and afternoon. In the evening he Majesty witcessed from the Castle the old Highland austom of keeping Hallow-e'en, by the lighting of bonfires and by a procession of torches, followed by reel daneing. On Sunday the Queen, with the Princesses and Prince Leopold, attended Divine service at the parish church of Crathio. The Rev. Dr. Taylor ofthcisted. On Konday the Queen Went out in the morning with Princess Beatrice and Prince Leopold
and drove out in the afterncon with the Princesse and Prince Leopold. The Marquia of Ely arrived on

## THE

he Princes and Princess of Walbs, - On from Wy yombe abber previous Wednesday on a visit to Lord Carrington In the afternoon the Prince and Princese drove out, and visited the Duchess of Ioverness at Keusington Palaoo. On Sunday their Royal Mirhaesses attendel Divine service. On Monday morming the Prince left Marfborough Mouse on a visit to Lard Londesborougi borough at 7 P.M., and was received at the station by borough at 7 P.M., and was received at the sta the mayor and corporation, and the members for the
borough. An address was presented by the oorporation, and on leaving the station his Royal Highness was loudly cheered, and the streets tarough which ho passed were illuminated and decorated with fags and evergreens, The Prince has shot over Lord Londesborough's estates during the week, and was exprected to leave yesterday for London, but it was ennsounced in the mornion that he was hkely to remain a few day longer. It 1a understood that the Prince will pay visil to the Duo d Aumale, at Woodnorton, Evesham on Tuesday next, the 16 be inst, and will remain four In hunting.
Approaching Visit of Thi King and Quben and Queen of the Belgians will leave Bruseola for London on the l5th insta
The Cabiner. - A Cabinet Council was held on Baturday at the official residence of the Firsb Lrord of the Treasury in Dotrning Street. 1 Council was hel Thr Treasury --Mr Will
son of the Promier and M for Wenry Gladstone appointed a Lord of the Treasury. The apnointment has arisen from the recent changes, whereby Mr Stansfeld has become Financial Secretary, and Mr. Ayrton First Commissioner of $W$ orks.
Parliamentary Movbments.- There are vacmcies in the Tower Hamlets and at Whitby caused by Gladstone. There is a vacancy for Chand Mr. W. H. Gladstone. There is a vacancy for Chester, caused by Richard Levinge, Barth, late M.P. for Westmeath, has announced homself a candidate for the vaoan ceat in the Liberal intereat. There is a vacanos for Hastings, caused by the death of Mr. Nortb. Mr. J. Kay Shuttio
last general election, has beet
ndidato for the racant seat.
declined to become a cand
II



 Harvey Goodsin, 1 ,
see. vacant by the
see vacant by the d
bishuy, ic of
yesterday, has been postio was erpm
The Bishopric or Wimerestin Primate, the see will be decleme Council. A coagó d'élire to supply issued to the Dean and Chaplet
Dr. Wulberforge recommended for election from the bishopric of Oxf The Deanery of kity. - Mr. Gint ferred the Deanery of Ely, Facmot y Dr. Gomas Dale, M.A., Caropia of SL Pic

## fforcigh

Prancs.-The Emperor who in m

## suffered slightly last weok from rbeum

 now in the enjoyment Empress is expeoted to retura to $h$ inst. M. Tissot has been upaintary of the Freneh embing in Paris bave eleoted to sif for which they were also returned, Tum four seats vacant for Paris. The forr: a decres fixing the election for theo 21st, and 22n jnst. The Journal do Po says that M. Ledru Rollin had dea stand for one of the vacant seats, Who was member of the Pronsian and M. Henrı lRochefort to contest another. M. Roche ort Paris, and it is stated tha leave hum at perfect libertytake to secure bis election. Ill th exuent the Rappel and the Rom of eteutno for the waonak
to take the oath to the Crasit P'icard advocatiog an attitude
 Radical character. The Journs On Tueaday, beng 111 Sonis Dey, real tho Moutmartre and olwer General Cavnignac and Bau ever, was not disturned, na present, was held on Friday
the Treaty of Cumnerce. Pouyer-Quertier, who wisg git members of the Legislatife 13nds tron of demanding that the Gor notice of withd rawing from alt n.itteo, sitting en perwaman of representatives of all brin la Paris. Ou the brenkid. Pouser-Quert ing held at Rouen on Weduesdas announced that the guestion porary admission of forelign With regard to the question treaties ul conmemt any promina that a bill on the general customs duced at the beginning of
Leagistative Body might h? question before Fobruary Would have to be given in care draw from the Angione recci Industrial Committeo former declaration that, Bill general Customs tarii Legislative Body as poon as it rem that the Government wistive B Febision or the give notice A nulo-French Treaty of Co deaira with theoe declarations: Spatar, - A the question of Sonors Silvela and phestion, rave to thell Whorwise consisted subsequently tenderod his question of the crandidature Yrim deolared that he Cabian The Regank oit

Husters to his presence, and strove,
tartument, to indnce Admiral Topete ardumemmen

The latter remained anke I for 24 homur- for
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## Hive

 tetrim $1-$ In the curtes12. inaion of the chindatures to ut ayil.thr, on accout of the atiturde o the prace isles of che revolution IArbanz of the I' winnst party, proiriste mecturg of the majority of the A m suturday mght, and sat till $20^{\circ}$ chn ${ }^{\circ} \mathrm{k}$ 12. rnthr. Several spepches nere made. who the thane. Oa the first balloting ant or the Duke of Genon, and 6 ond thase aganost hum 5J. On 10 lis sunerdature, fis members still oppmont on, It Depluties have stine whote of the RRenublionans Mar-hal
 is smaes, whing urabhyesw wive hiltiPrim lies to whe in the Cortes Sellor han -anar who uas M ren - Hollal hovarnment, hau resiment thed las arcepgtent tho portfulzo of Foreign sof Ly NomorSilvela. In the sitting of thin
trdas, Senor Ardanaz made hio financial He folimates thie revenue of the concinal
 be authorised to messed, but the munt be authorised to re-establish certain
A tax of 30 par cent. will be jmbrmaz of the Farternal and Internal rlampes of securities. The redemption astimed, except with regard to mortere 18 to be a reduction of 20 per cent. il rivel servants, and of 30 per ceat.


Anzo lantion of Lisbon neet shortly to deliberabe on the fiste banas, linving on board the representhe Purtuguese Government to be
ning of the Suez Canal, sailed last andrin.
RIse-On Sunday evening, and again on morng and Mnnday niabt, severe shoeks of Muwpe felt at Frank fort, Darmstadt, WzesMonday night 21 distinct oveillations On Wednesday evening severe shocks were at Frankfort, Darmstadt, and Grossgerau, 4 refuge.
L-The Tiew Prutaian Cross Gawette of Gare that there is no foundation for the same paper announces that the deputation siLesmigers charged with the presentation In 1 he King of Prussia has not been
inster of the Interior. In the sitting Inuse of the Diet on Friday, the preursion on the estimates for 1870 comthen nitset of the debate the new Miaister r comphausen, made a speech in which amprast endeavour House would support e chowing the utmost possihle regard to Thn resmurces of the country. On Thursday anfondiure benned a resolution that the - A wa fire chonld he rentuced, and that the Sinconte a weneral disarmament, Herr Lasker, "? more, in lieu of that resolution that the <a at the Mass a modified order of the day, mthn for 18 ary is already determined by the win-lnt the
-in the sitting of the Lower House of the a nommencel. The Mreliminary dehate on 1 severa, finamecial reforms, and, amone iep en that the whale of the 4 per cent. 1 ng the pern chould, by a voluntary arrangeThe oifur of a premiutm, be converted
alent th per cent Rente Det, the e Ininter also stated that with the 1 increasing the taxation by 25 per ating that the Porte las granted
Austrian troons to mareh through
conseguence of the suzerain relatitice cxprasisly that The Porte and Montenegro, tha M-xhlenegrin and is recarinthe Alimitian tromises on the same fooling Dommata-zfter

 than ling. The Imperye, without meeting with any



 they atrihuted, on the coutrary, to ine Serbo-sclavopuatel the penple, it ulion and thit her fanatios had foreisa assistauce. The deputation representel the chememelves. as discourared, and diviled amonest HuNGary
or complicity in the reseasingtion Karagenrgewicz, Servia, contimues. The Publie Prosecutor esks the that morally he was the responsithe orin that around rrime The statiates for the electival of the (atboli. Congress have been san 4 he
GrFecer.- The Emperur of Alstria arrived at Athens nople to Egyptis
moment with total inmadation. flomentened at this Vevalhad alreqdy averflowed at the listadyives then been fired to warn the lemants of kround flus hars to remove themselves sud their fatulies to hagher starote
 takez phace at St. Polpraburg for thy pars. The lat serionvls dimaven 30 (10) people were thets left mithout shalier, and cino drommed,

 improvement took place in the con dituon of hata Mis ajeats, Who is expecterd in return to liorence very shortly Victor Emanuel will take place at lbrandsi oul 37 th or 2sth inst. This King will be acompanied by the President of the Council of Minsters. The
Duchess of Genos bas left for Naules, in order to be present at the approaching confinement of Princess Margherita. A Roval decree was issued on Sunday, convoiking the Senate and Chamber
of Deputies for the lsth inst. A C'ireular Nute has been addressed by the (rivernment to tha diplomatio agents abrond, esplamme the attitude of
vernment declares thit it rextres 11 thet the riph
to reject any decisions of the Counoil whioh may be in opposition to the lews of the kingdom and the spirit of the age. Amone other conditions brought forward against the meeting of the Council, the Note lays stress upon the fact of the ocrunation of the Papal States by foreign troops General Garibald is expected to arrivo in Florence carly in D cember, in order to appanar in tho Chamber of besuties and demand an acmunt from the Government regarding the arrest of has frienis,
and particularly of his son-in law. Canzio, detained many mnith in prison, and afterwards set at libert hy a declaration of "no ground for accusation." Two Government engincers and a contractor have been captured by brigands in the provinge of Aquila Letters from Sardinias state that mirders and robberies are frequent, and that widespread brigandage prevails in that igland.
The Princtpalities. - The President of the Minostry, M. Ghyka, in the absence of Prinice Charles, opened the Bucharest and Grurgevo Railway, on SunGay, in the presence of all the members of the Ministry and other guests of distinotion.
TOBEEY. - The Emperor of Austria arrived at Constantinople on Friday from Varna, and alighted at the Pajace of Dolmabachtselle. Tbe ships in the bay were all gaily decorated, and the oity whs illuminated in the EGIPT.-The Emaprass Eugénie reached Luzor on the 1st inst. Her Minjesty there met the Freach and German savants who have been invited by the Suez Canal. The Intermational Commission on the Lurivdetion question, conspating of the Consula England, Franer, Lustria, Russin, Pruasia, and Itals has anonuuced that the Sucz, Canal will be ready throughout for navigable purposes by the 15 th insti,
and that at the inaaguration on the 17 th a Tarizish vessel. drawing $21 \frac{1}{3}$ Euglish feet, with a number of other Vegsels, will pass through it from Port We increasean to 24 feot
be increasen to 24 feet. InDIA. The Viceroy what to return from Simla on the 9th ingt. All idea of a Durbar at igers on the arrival of the Duke of Edinburgh has been miven up A camp will be formed there buk on a far smalle anale than was oricinally contemplated. A Gazetl Extraordinary was puhlither on the the tatt., contanine a detatied account of the financial posstion of 1mdia as was estimnted in the 13 udget for T8fs-fi9. the arctula result for that year showed a definit of $2, \frac{2}{2} 33(\omega)$ The chuef jtems of increase in the expenditure wis
the Civil Charges, which had risen by flll (00) public works (exolusive of railways), by $816,631 \mathrm{l}$ hnme charges, by $836,276 l$. and raitwava, by there have beon immense swarmis of loouster, such as




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 l'mothi (inl. Clivi - In Cusholimos: any late ber marderad


 by armel robthra, ani Mr. II, आMost wan al $1 \mathrm{~A} \mid$,

 the canal some dacinftrwards

Al'stritilt.- The great "diamon.,", the deavery has been caused so much exitement last minwar. ergstal. The Supreme Court of Vintnrias afler rurat juntht, monfirmad, on September 1, the orler of the ju*lemrepur.us kemils, the of the libe the uho

 purture, it was supposel, for sozth Autrsite Tue


 has heme umextmpled in thant, anl whati, in all








 in the Weat Virgima legnatiture the Denowrats invo carried the elentions in hith Honsed of the Now Jersey Leginlature. Turs have alon carried Maryland, by a majoraly of 25001 , cleatinu every


 Tug larn, on the erhat lown ewel steamer on the morning of the 19th ult. for the Epecian ing grounds on the luwer Dtinwa At Montreal the Priuce had a maguificent greeting Mis respption a the great Larrusse tournament was probably one of the mast uniqua and strikill he ever experianced Twn pows of laurnesing -one luthens, the other whites. -all in fult estume, with croses $w$ thas lian. js, were watting to receive his Rayal Hiphness, and as hir rode whetween, the fusana kave hm an original war Brop, while the whites reapmoded with a menu, ne Binh cleer he then accepteit an address from the first hooks, a goln-mounted cross, ald a copy of the Beers, a memher of the Moutreal Lacrosse Club.
Brazile - The Cbamber of Deputies has been prorogued unt!? the lath inst. The Minsterial difficulty members, differences of opinina exivtiag among tha announced that cabmet. The Govera mesocuted until the clauses of the triple alliance are fulfilled Count D Eu, the commander-in-chief, is still in preparations for rontinuing the pursutit of Lopez

## Sitp Knteligence

Bane Rate of Discoevt - The Directors of the Bank of Eagland on Thureday raised thetr rate of discount from $2 \frac{1}{2}$ per cent, to which it was lowered on Aughst 19, to per rent. Coupans - On Thursday Mensrs Charles and Lemin Mbizley, ifro of the at the Mansion lifose wut the mue of a fale and fraudulent prospectus, and conspring together to
defrate tite shareholdery of 2,60 ,, 000 ., Mr. Lew is stated thecase for the prosecution in a lengthy addrace, and the further hearing was then adjourned until the 12th inst.


## ATctropolis and ft\% V⿵icimity.

## The Qufen's Yisit to the City-- $1 t$ was an-

 nounced yesterday that the Queeu's wisit th the city this morning for the purpose of opening BlackfriarsBridge and ihe Holborn Valley Vaduct, wlll be made in siate. The hivzal nrogres, nurroter lhis been so planned that the fulle-t oprortuluty will be given to
 at Padductan station hias been on tined as to enable
 Will drive through the Parks to the Horse Guards, and t.assing under the arrh into Whitelall, will nroceed by
Parluanen! street, Weatminster Bridge, York Road, Parliament Street, Westminster Bridge, York Ragd,
 in witug. Haning arrived at the contre of the bridge,
 has carriage, will af wrach lier Mitucesty wh the Corthe principal City officers, and the six aldermen and 12 commoners appointed to form the deputation. Subsequantiv the Lord Aajor whil present the chairman of
the 3 ridpe House Estates Conmittee who will band the Bridqe House Estates committere, Who will band bridze, prepared $1 . y$ Mr. Josch h Cubit, the enpineer of
the work. Atter lier Majesty has formaily dectlared the
thid bridge onen, a procession will be formed, consisting of the memhers of the depatation in carriages
the sheriffs' and Lord Mas or's car riazes follow ins; nnd in this way her Majesty will be scorted along Brdye New Chatrtrthoulse Street, past the western side of the New Clantrphinase Street, mast the western side of the Street to the ostern end of the ITolborn Viaduct. At the paylion "hich has bren erected in the middle of
the viaduct the Lord Mayor will apain leave his carriage, und present to her M I josty Mrain Deate Mity
ohairluan of the Impry, obairluan or the mprovenent Connittec, under whose
superintendence the work bas been completed. Ie superintendence the work bas been completed. IIe
will also hand to the Queen an emblazondd description of the nork, prepared by. Mr. William Haywood, the
enkizeer. As soon as tbis ceremony has been com enpibeer. As soon as this ceremony has been com-
pleted, her Majesty will declare the viaduct open to pleed, her Majesty will declare the viaduct open to Holborn and Oxford Street, making a détour through Margaret Street at the point where the main thoroughfare of Oxford Street is for the fime interrupted. The arrangements which lave been made on the bridge and viaduct will accommodate 6000 visitors. Great preparations have been made by all the leading inhabitants along the live of route, and the day will be kept

## Bombay Government, on the 5th ult, from Dr. Kirk,

 Acfisg Pulifial I gert at Zugz bar, dated Scptomber ${ }^{2}$, Irom Dr. Livinentone, dated langweloo, July 8, 1868In that letter Dr. Livingstone sass.-" L may say I have found what $I$ believe to be the sources of the Nile, betwcen $10^{5}$ and $12^{\circ}$ south, or bearly the position assigned to them by Ptolemy," The sources of the
river appear from the letter to consist of a number of river appear from the letter to consist of a number of
large lakes, and Dr. Kirk, in writing of these lakes large "akes, and Dr. Kirk, in writiag of these lakes,
gays "they are probably 10 days" march in length, and like the Nyasa Tangansika and the Albert Nyanza, overhung by high mountain slopes, which open out in bays and valleys." This description of the appearance of the lakes and mountains appears to bave been doctor's letter to Zanzibar. Dr. Livingstone yas in Bood health add spirits when he wrote this letter from Bandwelno. A letter has since been received at the the United States Consul at Zonzibar which soys that in this letter Dr. Livingstone states that he has beard that two sets of supplies had reached Ujiji from Zanthem; lhat he asks that a further supply might be for there-and among thearticles he wishes to be included whe nautical almanaes for the years 1869 and 18 - $0-$ which loks as though he purposed remaining in the intention for the future.
National Guards of Paris Fisit Next Tear. - The Civio Guard and the English Volunteers to a rifie competition next year in the vicinity of Paris. It is
 The Nomivation of Dr. Temple, - Mr. Gladistono E. V. Bligh:"Rer. Sir,-

 in some conaiderable degree by a periasal of Dr. Temples
sermuns, or onate of only the frat among them on Gond
Fiday. I do not learn the authorities of the Churech sre dissatisfied and most reqponsil, le
of Dr. Teraple. At the same time, I in not seek to tranater in thern any poition of the respmsibitity which helongs entirely
to myself. Yon are at Itherty to mate any use of this letrer
which jou may which jou may think proper. I make any use of thin letrey
mowever, clase it
hown congrat if ting jull in tha sense and courage jor bave

Sti. Patli's Cathedral-On Tuesday morning, exprened his sorrow at the diegraceful manner
the vicars-choral and their assistants. He said that the performance of the services had become a public hould Day, he said, one of the greatest festivals of the Chursh here were only two gentlemen present at, either spryice
and th. $\begin{aligned} & \text { re were only three that monning It dul not }\end{aligned}$ particularly sinple out the gentlemen present, as the were others who were sy
formance of their duthes. These renarks wereanswered by one of the sugit g men, whe said that their at tend ance was as regular as they had engaged to make
it, and that they should be hapry to attend more services if they were paid better, for the miserable
stipend they at present received compelled many to seek other engagements to keep thempen from starving
seen
Canon Gregory then said that the Canon Gregory then said that the service of God and the publio service were abr, ve the convenienre of the
individual, and that the present was not tite time and place to discus, the queation of pay. IIe then an younced that the time of the serviccs nould in a shor
time be altered to suit the public convenience and
staled that he wculi make all Eogland ring with the story of the disgraceful performance of the services at
St. Paul's; and if that, his public remonstrance hat St. Paul's; and if that, his public remonstranre, had
no effect in procuringa better administration, he would no effect in procuringa better administration, he would in roke the power of the visitor of the cathedral.
Taf Rectory of Babnes.- The Rep. Henry MelThe living, which is in of Barnes at Cbristmas chapter of 'st. Paul's, will be conferred upon the Rev Heury Holme Westmore, M.A., minor canon of Manchester
New Rourr to Adstralia- - new line of communication for the Australian trade is likely to be established between Milford Haven and a North American port, thence by the Union Pacifio Railteamers to Australia, Clina, and India. The Great Westero Railway Company have undertaken to afford erery facility for the transport of thas new traflic over their line.
The Open Space near the Mansion ILouseCity of Lond of the bankers, merchants, \&o., of the Board of Works on Friday, and presented a memorial praying the Board to preserve the pround opposite the west side of the Mansion House as an open space. Mr Joseph addressed the Board at great length in support of the memorial. Mr. Saunders moved that it be referred sideration and report. Mr. Newtonsaid it washis opinion that the deputation had come to the wrong place in askine them to sacrifice lard to the value of upwards of $200,000 \mathrm{l}$. If it was desirable to npen up and beantify
the Mansion House, the City of London ought to conmotion of Mr. Saunders was then agreed to.
right to enclose Wimbledon Common is likely to the the subject of very expensive litigation. Earl Spencer, common for farm cultivation, and the inlabitants and others who have common rights dispute his lordship's power to enclose any portion of it. $A$ bill in Chancery
has been filed by Mr. H. Peek, M. P., on behalf of a committee, and ar ans strong, party feeling prevails on the subject around Wimbledon.
Tecincicil Education for the Working Clissfs.-On Thursday evening a largely-attended meeting of the masters and mernbers of the Livery Companies of the City of London was held in the Mansion House. The Lord Mayor took the chair, and -firstly because he had taken mecting for two reasons the subject of technical education ; secondly, because about the middle of June last year a request was made to bim to preside over a meeting, called by the committee of the Common Hall, of all the various subject of technical education. Io studying the history of the City companies, it wouid be seen that ench of them had exercised a considerable influence in the education of their working neople, in training the
latter up in the knowledge of that by them in the varous arts with which they were connected. The necesity for the employment old. The manufacturers of England had to y yield jately to foreign competition, and although the same spirit and capability existed in English manu-
foture as formerly, still they had to contend with much foreign rivaly, still thich it was had to contend with technical education, and liad established sebhools of art and design at Kensington, but theso had failed to reach the masses of the people. It was therefore the duty of the various livery companies to lako the matter into their own hands. The object of the meetthe waste elicit Hepinoon as to the best mode of applying should try the experiment for a period of three years, They should, firstly, have classes formed for the study of rrawing, secondly, they should hold exhibitions annually of the various works wrought, and offer a
premium for the best. They should also hold examiMr ${ }^{\text {nings }}$ in the arts and in drawing. Alderman Cotton Mr. Stoddart, Mr. Watney, and others, then addressed ti meeting, adrocating technical eduration Mr. ington, stated his opinion that, atthough a theoretical knowledge of the probsss of manufucture might be mechanical training. A resolution was massed pledging the livery companies of London to support the projeat


## the approval of the Board of

## policies on lives, now aseurah; in ponlicles on equitahle and adrant

The ofininint of thon ligut
lahalitipg of the A hert
THE NFM I
The NFW LersGrft- The tha
men 10 found a new Lequil

## Mr. Hennesey moved th

## apaving it to the

appointed to put

## The main points of the resoluth canat pix

 present on property in land, the cer ment elected by min the national refer, the liquidation of the nationaz
## " "The P'olitical and Socral Refore Lent

## Weston seconded the proposition

a name that rould corer
social and politioal reform.
for and against the name. Thase
which the new League was frmes
objected to a long name. MIr, liaga the Labour League. The country mas the upere two qreat parlies in the tirn must form a third - the labour that neither "socal" carried on under the name of grate the and "Liberal" were identified with the lank "Labour League" would be the mot deat Working-men's party. After some furthol = mendment was
hen proposed that the name should of Labour League." Thes met with ${ }^{\text {chapa }}$ and was carried by a large majority as an When put as a substanti
was held up against it. should be the president. The movemeut proposed Mr. Odrer, othes presidents slould bo done away min fo and was of opiniou that the Fithous a prestdent. The
the International went on president, every council meetin
man for the eveniag, and the cou could not do better than follo then moved and seronded that appointed; the propnsition tris
A council of about 40 members name being put separately to following were unanimnusly appointe-1 \& Eccarias, assistant secretary promoters of the movement a
man concluded the proceedina

THe COLONIESAND THE
Majesty to see that messures arotake enable the large number
her Majesty's dominions where their len and where they may prosper and increse of the whole empire. The petitionel
they have heard with alarm and iod her Majesty has heen advised to oon Colonie", "containing millions of which might be employed profitab Colonies and ourselves, as a field order to diccourage and defat disuninn, they hunably
 name into one Britush Empire, and that pate be made that her Majesty 1 and arer as she bas been prorlamed f? The petitioners also ank her Majests the causes of the present distress and seek Hign Tides.-On Wednesday stleroow the river rose to a height far
in the early part of last month ment had betn made respecting wind not hisha, or the result might As it was, the first indications of tresses of sll the bridges on the riser water As the tid
up, tradespeopie

## and at

houses. At last the water washed
footways, and in Nine Eims Line re and markot gqrdens, and numbers quantities of timber and other
away. At Chatham the tode
cise at the beginuiag of last mo
covarimg the landing-stage, submargia

first erected. Before then, the burial-place of the
Stanleys was the ancient monastery of Burscogh which seems to have been demolished at the time of the dissolution of the religious houses. The admission to the ohurch was by ticket, but from its limited size, fanily and the servants from Knowsiey IIall, aceommodation remaiufd fir barely $2=0$ n persone. Applications were mada to Admiral IIornby, unon whom the number of tickets. In hise dastribution of these a preference was invariably givento the tenantry orothers Earl's wish that only those should be prevent to whom provided with tirkets were required to be in their daces by balf-past Nocork, bat the funeral processinn hearse, drawn by six horses, and having on its panels the armorial bearnus of tho Statey family, was pre-
cenfed by a servant carrying the coronet of the late Earl upon a
first of these pipd lard Stanley, the Hon Colan, in son. In the other mourning coaches were Lady Derby, the Rev. W. Hopwood, the Rev. F. Lidy Derby, the Rev. W. Hopwood, the Rev. F. Hopwood, Mr. Arthur Hopwood, Mr. Charles
Hopwood, the Earl of Wilton, Lerd Grey de Wil top, Mr. Penrhyn, the Rev. Mr. Penrhyn, the Hon. Colonel Talbot, the Rev. P. Champayne. Lord Skelmersdale, Admiral Hornby, the IRap. E. Hornby
Mr. Edmund Hornby, Lord Hydo: Dr. Miller and Dr. Gorst, medical attendants of the lato Earl; Mr Slatter, Mr. W. Mnit, and Mr. Holme, oflicers of the estate. Following the mourning roaches, on font, were
about 70 servants, mirmbera of the houschold and of the outdoor establishment, wearing scarses and hat-bands The route of the processinn lay for a mile through monabers of the family and imnuediate dependents of the late Earl were permitted to join the ranks. The park antes and the church was crowded with occupants, Who made thair way to that point, some on foot, olhers on horseback, in vehicles of every descrip-
tion, many from the nearest railway station, the majority of them being in mourning. The funeral service was read by the Rev. W. L. Feilden, the chief mourners bad retired, the members of the concontins wre allowed to enter the vault, which wide, and 11 feet tormb, 10 feet in length, about 16 reet of 24 , coffins, of whioh the first whe that of the late earl. The body was enclosed in three coffins: the first made of oak grown unar the entato the gonond of load of Both the secori 1 an 1 thard coflins bore plates with
suitable mecriptions. Tuat upou the outer coflin was
 Born Harch 29 1-.. He fled Uctober 23, 1869,
Rochester. - The Earl of Jersey, who is the owner of Rochester Castle, having offered to the Corporation the castle and sdjacent arounds on lease for a long term was held in the Guildtal, a meetiog of the ctizen siding, for the purpose of considering the desirability or arcepting the offer, in order that the castue grounds for the use of the inhalitants The propasure grounds opposed by Mr. W. Mrnclank a proposal was strongly who now rents the castie tround from the but the meeting unanimoutely decided on acceptane his lordshin's offer, and authorised the Corporation to levy a rate to maintain the grounds as a public part, a propostinding a seconder. About the nffer be not accepted nubscriptions among the inhabitants to lay out the grounds, and it was stated that 2000l. Would be forthoming for the purnose.
Shrervess.-On Wednesday afternonn a frightful accident occurred on board ber Majesty's sunboat
Thistle. Her engines were on trial boilers, a high-preseure one, suddenly split down a crack which had not heen observed in one of the plates, and discharged such a volume of steam that 10 men were killed, viz., four engineors, three stokers,
two fitters, and an engineer student. Fight others
Were soveroly Were soveroly motlded, nat sto an liont lien in an 120 -borse power, afterwards anchored off thens and Light. The cause of the accident is not known.
Sheffield- William Broadlead, on Friday eventhe presence of a very large audiedce. Hewas dressed dissentine preche, he expressed the belief that rattening and in which Would continue, and represented himself as leaving the town in order that the finented himself as leaving the town in order that the finger of suspicion might no Whle be regarded himself as the instrument of an imperative necessity.
Wroke out at ampron-On Monday evening a fatal fire broke out at the works of Messrs. William Evans \& Son, iron braziers and japanners, in this town. By the harrelessof of spirit of of tar had bepanvers the plug from a to lond to run to waste. A lighted paper was number of worl pita, and the spirit was thus fir
number of workpeople, including several thus fire

## burnt to death, and seven others were so seriously in-

 jured that they were removed to the hnspital, where one soung women, and the nther was a lad, stl of whom were enkaged in the workthons, One of the wrmen Wasobeerver burning to death in the midst of the spirits, hut could net be sased the other leaped into the her leir by the unmp, and the boy was foued suffucated
in the Japanving stove, where he had taken refuge. ) arvorthr-- Intelligence received at this port up of at least 10 smacks, and the consequent loss of about 30 men and boys. Portions of Yarmonth smaess have
heen washed up on the Dutch cmast, while other portions have been seen driftiog in the North Sea.

## Frelano.

Thant-eight Demonstrationa - On Monday a fenant right meeting, conv ned by the high sheriff of Fenian amuesty party, and entirely prevented. The platform was pulled down and destroyed, and numerous rough scenes occurred, in which a policeman was injured. On the sarne day a demnnstration in support of "fixity of tenure and an equitable adjustment of the and question was held in Cavan, and was numerously Bill which would not embrace fivity of tenure were grad to Previous to the meetiog an them, was Cavan trai which was convering ant 100 fo Cavan a train which was conveying about 190 farmers and five priests to the meeting. There is reason to
believe that the Fenian party were the perpetrators of the ontrake, whirh was fortunately discovered in time. A more extranrdinary ontrage, hotwever, took plane
afterwards. While the Rev. Jamps Dunne, parish afterwards. Belturbet, was returnina from the mecting in the evening, in comnany with a number of his parishioners, near Drummalhure, which greatly irritaterl the Orangemen. At lenget hots were fired at the ear by a party in ambuwh. A man named Edward Morton was shot dead, and several others were wounded. The horse in the car, in dead. At the inquest held on Wernesiay on the body of Morton, a verdict of Wilful Murder was returned against one of the prisoners named White, and six others as arressories, all of whom were committed for trial. The funeral of the deceased was he tenant-right meetian in Slizo last week about 1500 were present, most of the humbler class wearine aren in their hats: some green flogs were disulased. The
bentiemen. Resolutions were and a few Conservative tenure of land should be so altered as to give encouragement and ser urity to tenart's industry, secure continuous occupation of holding at equitable rents, and full compensation for improvements, the tenant to be lord's wish, and the rent to be settled by the fluctuation of the markets: and the new Land Bill to encourage mixed husbandry and reclamation of waste lend. The previous day preparcd at a conference held on the previous day, at which representatives from some meeting of tenant-farmers of the oninty Londonmeeting of tanant-farmers of the onnnty London-
derry was held at Macherafelt, at which resolutions were carried to the effect that no settlement of the land question in the county of Londenderry would be just or eatisfactory which did not leqalise the right of the temants to the continuous occupation and enioyment of their farms; and that it was their firm conviction that the establishment of a class of peasan proprietars by Government loans would greatily oonduce to the peace and prosperity of Ireland.
Cardinal Cullen's Pastoral.-Cardinal Cullen has issued another pastnral letter to the clergy of his his Church, ha renews his attack on secret sncieties, including the Freemasons, the rodiess syatem of eduration, and otber kindred topics $H_{e}$ denounces the fabrications of the Profestant press regarding the aim Catholios that it is their duty not to inquire what the general council inteads to do, but patiently to a wait its infallible decisioss, and to bow their heads subHimiJely when thay are authoritatively promulgated. refused to practise this submission, are enemies within the bosom of the Church, "carried away by the corrup spirit of the age." He laments the prevalence of assassination, and roneludes by desiring hus clergy to
pray for their Protestant brethren, who are now engaged in reronstructing their Chur, ho are now Author of Light to alve them knowler ina of ask and lead them into the bosom of the nne holy Catholio and Apostolic Chureh, which is not, he says, the work of man, or owes its orjgin to Acts of Parliament or to mixed meetings of clergy and laity, but was founded by Christ and the Apostles.
The late Ottrige in Tipperary.-The tenantry of the Count de Jarnac bave held a meeting and on their landlord and, in order onbraze committed the author of the threatening letter, they subsoribed osfore separating, the sum of 125l, as a reward for such information as shall lead to his discovery. Since then
another landlord in the county has recoived a similar miasive.
THE FTFTE OF November, -It was announcod on

Naturday in Belfast that the
colebrated by a grand aion auspices of the Grand Orin
presided over by THE LATEATTRMPT Do
surveyor


 the Roman $C$ ath favnurab Monsell. M. M. When he Lathe applied to the Government to ratme Was still kept at the poxt of dangr ever, be removed. Anoth
county has had to be sent renson, and a third is unt police. Their only crime is that properly executed. A man. tranepired, has been arrested party who fired at Mr. Bretto
plicity outrage. It is said that the pr
previone occasion hovering a

## Stotlano.

## Abmission of Labtis to Metit

 Friday, at a mpetimg of the $\mathrm{C}_{\mathrm{n}} \mathrm{r}$, i niversty of Edinbargh, theRov. Dr. Phin, of Galatheles.
disapprored the realutin

 Professor
majority
Medical Man ror Balyobit-
settled that m medical man mall be
Majesty at Balmoral for the beneti Majesty at Balmoral for the benefit
district. Dr. Marshill, practitioner
 Saturday morning a collision took TH
between the screw steamer Tern, fry
Glasfow, and the Glasfow, and Harre, in whichy the lat
minutes of the occurrence.

## general cargo on bnard

Proposed Statce to Dr. Chiliesscription is to be openca in Efinhurgh fre late Rev. Dr. Chalmers.

## 程 $\mathfrak{a l l w a p}$.

TERN place between two goods traina near Durify train was comior down the Dudjey
ning towards a siding at Dudley Po goods from Birmingham to Lirerpno. without stopping. point of gunction with the man ron pool goods train, of which five tru ke met goods destroyed were a large monagut goods destroyed were Accident ON THE
day nimht as a heavy Colliery was running
townrds Gateshead, it w which had been taken and several heavily haden returming over the embankment, and others W collision. The only person injur the coal train, Who was pitoaed ore with him
THE Southren Compasies -In t Parliament considerable interest aresented by the southera raination. That Bill was th quence of the stro
arainst tlie raising
Buil. At a meetin Bnstern and Chatham

## fusinn Bill in the forthcomine sesall

 -I he adjourned inquresumed on Monday
the arlual cause of the carria
was obtajed. The foreman
ment was under examina
Whom he had blame, and confider
from all blame, and confider



## 71 $\mathfrak{a b}$.



Y$2=2=$ $\square=5=5$ $2=5=$

 mataty yon

















 oth


 ${ }_{c}^{1}$


## Sporting.



## Qbituarp.








 athere" at Ji mafers. He there spent fonr jears, until at the



 two moutbs later a British fleet accelslel the I tomac, an memaced the eapital and its nelplisumping ports in ibis
omergency, the 3 ung clerk, thoush not yet of agc, jined a mniths at $F$ rt Warburtun. H suing spent $t$, y yours in hi Rugga, who invital him to juin hinn in the iry goo a trale Georgo l'eaburdy transactury ant managhing the buamess,
 ment. In 1815 the house was removed to Haltimure seven yours later its operntions opain and Now Yrk an openiog of branches at the retroment of Mr. Rigge, George Peaboly fomind himisuif the senior partner, and the Firtinat spent several years ia managin the bowe in Batimore, bo
 the American frm, he established bimself in the City as a
morohant and hanker. He had not beon long in
when those znend moren those antoward evente occurred which shook American
whed then abroad and his andopted State of Maryland was in eore
crect pecuniary straite Mr . Peabody at onee came forward and repaid the state for having afforded him a home by negotia Department at the Great Exhibition wras in dinger of appear
ing in the day of opening a mere ohnos of unausorted goods, ing al the day of opening a mere ohnos of unasorted goons When a famt bofe dwaxe in maght lo reselied, his purs enabled Ir (irimall to nin lert she thas renero 14 elterprize of
 Billthuore, and other plawes in Americt, and for vario
 deed hy which bis name will be ! nugent remembered in tha, brs adopted pountry, wis his no Londun, which hola alrean? mulling to the puorest clisses of Lundun, which hova nirening chasseg in variois parts of the Metropolis. This act on "princely munnfeence", as tt was neyted by tho Qtieen an aut graph letter which she addressed in Mejesty's words: was whe "whych will ever carry its best reward in the con


#### Abstract

 






 Whelt-day servioos, fred at by a peran in 2,0 ludy of the



 irilge whono ho wo monfor optimo in 1822 . Ho whe Clum-












 ronfer of Flunhing, and remalned on tho inland untilit whan
evncuated. He Joined the army onder the Duke of Wellington
in itor 15,
sortur lio umbarsou at burditultir sammac and the action ul was preaent at the panage of tho Samana and the action
Plateshury. Ho Borved in Canada till tho lattor part of 1820 , when he was promoted to on Houtonant-coleneley, and has remilver war mofat with three clanps for Coruma, Nivelle, and
 Is the on s. livily, nitil: 110 entered tho army in 1806
 in covering the retreatiog movernent from Quatre Brae, and hivane was pregent at tho batile of wis of the forces at the Tauritus, die 1 on the -1 bit, at Tue Old Palace, Richamend
 Camadian Rebellion in 1828 IIe also serve in Indas during
 district in 1857, and at Alimphir ati in , Whate he cous Ligard's force. He afterwarde helid $a$ bri lige on the Berhares
 ammunation into the Azimghur entrenchment. Fur thas ca ho recelved a medal. Ife was appuinted major Mr Jenc: Brue E, F.S A. Tressurer if the Camden Sochety, and formerly Ditectur als 1 1 a Presule Thuraday evening, the 2ath ult. He had for many y tars been eng tyed to the important work of calen-jering the Horaestic neront to wheh ho 3 devoted his attontion was the relgas of Cuarles I, with all the hastory of which he was intim itely
 Hons tu the Arilitilogis of the societs, smicety, of whach he was one of the founders. For some ture pat he had suffcred from dificulty of breathing, but was me retite cas in a, pirent fit athen on the povemont, apparently in a ît. A doctor was directly BL. Mary'e Hospltal, Paidington, and on adanimion wai the cause of death wes fatty degenerstifon of the heart. The jury at
Wiles, The will of Major-Goneral M+hrcgor, Bengal Army
 Brigh Howke
Durliam, lo, ofot
eld, of Wikefieli. 191, min ; Mr Francls
Kent, $3 v$, vont ; Mr. Tames Mernth, of
fatarkets.
COVENT GARDEN.-Nov. C.
The mariceth remain witbout much improvement, hat the oupply of foreiga groads hows lattere article bisimy much more


THE GARDENERS＇CHRONICLE AND AGRICULTURAL GAZETTE

 | Curymanhe |
| :---: |
| Crccurnens． |

FRULT．
Applet，$p$ ．$\frac{1}{5}$ siove， 1 s to $1 \mathrm{~s} G \mathrm{~d}$ Belons，each， 1 s 8 d to 5 s
 Lemonis，per 100．8s to 14 s



 Carrota，yer bunch， $4 d$ to 81 －Flukes，do． 80 s to 120 s
 Cucurnikers，eack， 01 to is Sorzoncra，do， 18 to 183.1




## potatos．－Sot thwark，Monday，Nov． 1.

During the past week the arrivals coastwise and from abrond bave bech tery emall，but more pientifil by rail；the prices are very various，owno the great in the Blighted，and the consumption mmall for the weing much following are tbis diay＇s quotations：－Yoriz Regents，per tom do， 60 s ，to
 Whitee，cos．to 80 s ．

## FOPS．－Borducit MARKET

Mesary．Fattenden \＆Smith report there has been a general Hops，puces fur which aro daip adre kring the Continent are very gmall，and Iroun America not bo large as anticipated．

## ENOLISH WOOL

Wo have had a firm narket，and though pricos aro not much letter，still tho impresgion gains gronad that Engish Wool cannot much lunger form an exception to the general Cubrest Phich or Evglish Wool．per lb，－s． Flezces－Southatown hingets

Kent Fleeces
Southdown ewes hnd wothers
SORTB－Clothing
ditto
Combing

## MAY．－Por Land of 36 Trusses

Frime Mendow Hay 80sto 88s । Clover，old
． 120 stol30s Snferior do
Inferior do
Straw

## Cuybrrlasd Market，Thureday，Nov． 4




## Whatechapel，Thursday，Nov． 4.



METROPOLITAN MEAT MARKET．－Nov． 6 ．
Best F＇resh Butte
Sccond do．do
Bmall Pork，
to 58．bd．；Jant
49， 8 d. per 8 lb ．
METROPOLITAN CATTLE MARKET

## Mosday，Nor．

Wo haro a sborter supply uf Beasts tban on Monday last， yet tho number if considerable；trade is slow，and it it
difificult to smaintain Thursday＇
advance．The number of Sheep is also smailer，but the demand has very mueh very few choles Calves on offer．Our forefon auphe are of 2543 Beasts， 1550 Sheep，and 825 Calves；from Scot land there are 23 Beagta；from Irsland， 640 ；and 1933 from


The number of Beasta is small，yet it exceeds the demand otherwise trade is oxceedingly dulli The supply of Sheep is about the same as on Thursday latit；the demand is very Calves are lower ．Uur foreign suppiy consits thed throughout． 180 Sheep， 212 Calves，and 10 Plgig． Best Scuts，Eere－${ }^{\text {s }}$
Berds，sce sharthoris
 Beat Downs and Do．shorn

## － 40 Do．Shorn

6）Calves

Theto ware Lane－Monday，Nov． 1

The attendence wia good，but forsigen met with little inquiry， business trinmbances meing to a mon money was accepted，the
was no change in the value of Burley，Beans，or Peas，hut
Oate met a duli sale at a decline of 0.1 ．per qr．Flour was quiet at late rates．

 Barlef，gtindddid 40－43 Maltín Arlef，grind．edist，3tsto325．Cher

\section*{| $30-4$ |
| :--- |
| $32-4$ |}

二 $\begin{aligned} & \text { Irisl2．．．．} \\ & \text { Foreign．}\end{aligned}$ RYE．．．．．．．．．．．．．．．．

－Pigeon …598 to 565 ．Tivek 48－ 50 Harrow


Flut R，bestmarkedeliverad．．．per mack ${ }^{43}$－ 47 Foreign $\cdot{ }^{20}$ －Foreign

## Der harrel ， $23-26^{\text {t }}$ Per kack

Lxacentirg somo heavy st mrus off our coasts，the weather inco the whith hime．We have no improvement to continuing in excces of the demand；business has been slow， and in some instancess an allowance has been made to effret salcs of new Whent，but tho value of fine oll has beon gonerally
maintuined in the markets of thu kingduns，Naltug 13 triey mas brought an adrance of 8 d to 1 ls ，per qr．；the price of heen well sustained，bont now Oitts and Beans were cheaper to
 preceding weck，there ronsined for stio hat night 32 cargoes． the trado in cargogs artived of the coast was slow during bo past week，and prices for arrised Wheat were 18 ．per qr．lower．Marleye quiet，and，Rye tending downwarcisy We orwarl delisery of al． $\bar{y}$ kind of omin Paris There was very little doing in cither Wheat or Flour The six marks are quoted at equal to $33 s$. per 280 lb ．The stock at the fallo is ostimated at 5160 cwts ．
The arrivals of Euglish grain this week are very small，and
 Monday＇s quotations，and but very hitto business was trans－ acted in furcign．In the valuo of spring corn thoro was no cheaper．



## Sept． 2 <br> 

|  | averagrs． |  | Oats． |
| :---: | :---: | :---: | :---: |
|  | Whent． | Marsley． |  |
| Sept． $25 .$. | $50 \mathrm{6d}$ | 37s 3d |  |
| Oct． $2 .$. | 438 | 378 |  |
| － 9 ．． | 48 | 980 |  |
| － $16 .$. |  | 381 |  |
| － 23. | 461 | 386 | 24.2 |
| － $30 .$. | 462 | 38.3 |  |
| Averago | 4711 | 3711 |  |


|  | averages． |  |  |
| :---: | :---: | :---: | :---: |
|  | Whent． | Marley． | Oats． |
| Sept． $25 .$. | ${ }_{50 \mathrm{~s}}^{68 \mathrm{~d}}$ | 37s 3d | 2586 d |
| Oct． $2 .$. | 438 | 378 |  |
| 二 ${ }^{9} \cdot$. | 48 | 388 | 248 |
| 二 ${ }_{23}^{16} \ldots$ | ${ }_{46}{ }^{47}$ | 38 38 | 24 24 24 |
| 二 $30 .$. | 46 | 383 |  |
| Averago | 4711 | 3711 | 24 |

> SEED MARKET.

The inactivity tiat has so long characterised the agriculturn seed trade has continued duriu筑 the present week，and we
have consequently but little to add to our last report，Winter Tares meet with sanall inquiry，at drowping values Hemp ood is still very scarce aud dear．New Canary seed is in We hare a fair demand for feeding Linseed There hates． oone spectulstion in whito Clover seed；prices are tendin upwards．All othar lindg of seads ara riices are tending variation．Josm Seaw it Sons，16，Water Lane，E．C．

W ANTED a GARDENER，who thoroughiy under－


W ANTED，a YOUNG MAN，who has a knowledge of

TIANTED，in Jobbing Gardenerg．

 10．per week．Ap Al any day before
28 ，C mwlord Street，Baker ytroet，W．
W ANTED，a Stiong YOUNG MAN，to assist in a to HoLroen warehoube．－Apply by leter only，stating particulara，

WANT PLACES．－Letters to be Post Paid． Fi aperienced Gardeners（or as Gardener


## Gardeners and Under Gardeners．

W M．CUTBUSH ANI SON beg to Btate that they mone charnctern will beir the strictest inquily．Any Gentleman


## D

Norinan


## 

CARLIENER（HFiD），age 3h，marral－
CARDENER（ $\mathrm{H}_{1}$, in $)$－-tg
GARDENER（HEA1）


CARDENER（GRAAD．－Marricd．



CARDENER（HEAD，WORKNG）－Ige Establishments Good char， 1 te
Ofles，Oatlanda Park，Wojbrage．
 （ARDENER（UEAD），where two or cirn $x$－ tuid Scotland sind
Upper Tooting，Sirrey




FOREMAN（age 31 ，simstr）－Mr，Tarur，ie

I MortMAN，in a Nobleman＇s or Gentlumin E ：－


Pliopatiatuk．－Has a thorough rra，al har
GHOPMAN and The Seed Trade


Squire，Lond in，or ASSISTANT－Age 23 len ram


DINNEFORD＇S FLUID
 Etedelicate constitutions，especialy adspt





reronn codos a simule but cartun rea

## Mr Baroculcg Chromicle 

3:*RD 1 ; NuFEMBER 20, 1869

- Hetwle Terra Cotta Plant Marters.

 $\pm$

BY HER MAJESTY'S ROYAL LETTERS PATENT.
ORMSON'S PATENT ECONOMIC BOILERS.




 A. W. .ter





 Lrime cxpansion and contraction of the metal, an oecurrence so frequent and fatal to all firns of Cast-1ron hoilers.
$r_{f a s e}$ to state diameter and length of Pipe to be Heated.
HENRY ORMSON, Horticulitrad luehboer to Her Majesty,
LID HOT-TATER ATPARATUS MANUFACTURER TO THE COMMISSIONERS OF HER MAJEBTY'S ROYAL PALACES AND PUBLIC BUILDINGB, AND TO THE ROYAL HORTICULTURAL BOCIETY,
S'TANLEY BRIDGE, KING'S ROAD, CHELSEA, LONDON, S.W.


## THE MOST EFFECTIVE AND DURABLE EVER INVENTED.

Han be set to work at a nominal cost, inasmuch as no brickwork ia required; as will be seen from the above drawing, they are placed upon a Cast-Iron Sole-plate, then the the purpose of Foundation and Ashpit.
2nat the peculiar and substantial manner in which these Boilers are made, they are warranted to last for years without getting out of order; in fact, we guarantee them for What feel convinced that they will zerve all the purposes for which they are intended for a much longer period.
of are apecially adapted for Heating Greenhouses, Churches, Chapelg, Solhoola, Public Buildinga, Entrance Halls, Warehouses, Workshops, \&ce.
THE FOLLOWING ARE THE ADVANTAGES OF THESE BOILERS
$T_{2}$ rempuire no settine in briekwork
are complete in themselyes, haring perfect means of regulation. Thinke up little room, and can be put in places inaccessible to other Boilers. 5 max pronomisers of fuel, owing to the great amount of henting surface upon Warh the fire aets in a direct manner, and the consumption of emoke.

5il, The
bth, Any number of Flows and Returns ean beannexed to the Boilers by means of T-mpes th, By mamber of Fl ws and they can be readily cleaned out when required.
8th, Th means of mud 1000 , , they cal bo which can either be taken throurl a mof or he chimney is made of cat-iron, wine into fue, to meet the convenience of the situation that it mas be fixed in. PPLIOATYON.

THOMAS GREEN AND SON, SMITHFIELD IRON WORKS, LEEDS; and $54 \& 55$, BLACKFRIARS ROAD, LONDON, S.E.

THIA GARDENERS＇CHRONTCLE：AND AGRICULTURAL GAZETTE
＂Colimpees at rrib Gardons？

$\mathrm{T}^{\text {¹ }}$






 MIM， THE NEN－IVTHOD Of GRRWLNG FRUTT
 Now Rem and Important Work on gardening
 THE PARKS，RROMENADES，Bnd GARDENS of

 Continartal FRUIT CULTURE，including all the beautiful Moden of
Training，and the true Cordon Systom：and this portion of the
Boonk elone in embeltshed with 138 accurate Engraving






 A description of the PUALIC PARKS，GARDENS，SQUARES，
 ＂Parla is the best known of any ofty in the world，and hna been
 Mragazin
The only compiete acoount of SUBTROPICAL GARDENING
ret published，It is fin tivislons，ove on Tender and the other
 emploged forwige the full purpose．


The PLANT DRCORATION of APARTMLENTS，with numerous















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 MAUNDER＇S HISTORICAL TREASURY，10s．6\％ MaUNDER＇S TrEASURY of GEOGRAPGY，10s． $8 \%$ maudder＇s treasury of natural history， Arene＇s tblasurx of bible knowledge， 108.68 ． LINDLEY and MORRES TREASURY of BOTAI
The sux－shilling standara coozery－Book
M
ODERN COOKERY for PRIVATE FAMILIES
 and $\underset{\substack{\text { tun } \\ \text { par }}}{ }$

| Soups． | 17．Yegetablos． |
| :---: | :---: |
| Fish． |  |
| 3．Disher of Shell－FIsh． | 19．Souftes，Omeleta，${ }^{\text {din }}$ ． |
| 4．Gravies． | 20．Bolled Puddidgs． |
| 5．S．ures． | 21 Baked Puddtugs |
| B．Cold sindees，Salade，bo． | 23．Eggs and Milk． |
| Store Sauces， | 23．3．Sweot Diahes or Entrometa． |
| Forcomgats． | 24．Proserves． |
| Boillug，Roastlag，\＆e． | 25．PJokler． |
| 10．Reef． | 28．Cakea |
| Veal． | 27．Cobfectionery． |
| Mutton and La | 28 Dessert Dishos． |
| Pork， | 2a．Mgraps，Liqueurs，zc． |
| 4．P＇eultry． | 31．Coffre，chocolate，de． |
| 5．Game． | 31．Bread． |
| 6．Cutreis，Potted Mente，wh． | 8．Foreign and Jembh Cookery |
| Preceded by Coplous Itht | ctory Chapters on Trusatng |
| Dg． |  |
| ＊＊＊Of thin popalitr Cooker Thousand（110，000）Copfes hare | nok about One Hundrod an sold． |
| London：LONG部ANS ${ }^{\text {a }}$ | and CO．，Patertoster | London：LONG期ANs，GREEN，ANB CO




 an Appeat to the churman


## 验的 News．

Trie Covir．－The Queen and Royal family contioue at Windsor．On Friday the Queen，accompanied by

 ard returnod to Winsor at hair－past siss Rue the Pricce and Prineoss of Wales to the Giiaty Theatre in the evening．On Saturday morraing the Queen walked add drove in che grounds，and in tho aiternon drove out on on unday morning the Quiveu
 Princess cilothilde，arivod at tho Castlo on a visit to the Queen．The Belphan Mrinister and Baronens do Beaulieut
 King of tic Belpians and Priucess Loulsa．In the anternoon the Pueen drove out with Princess Beatrice，
Tho King of the Belpians drove out with
Trinceses Louisan and Prines Christian．The Prince of Wales the Duke of Cambridge，the Duchess of Argyll，the
Earl of Clarendon Yr
Ir Earl of Clarencoo，Mr．and Mrs．Gladeslone and Mis morning to neen went out in the grounds with Prince Leonotd．The Kingof the Belpians visited M．and Madame Van do IVeyer．at New Lodge．The Prince of W ales and he Prinne of Wr west out silooting．Furito atiernoon de Beantileu，Mr．and Mrrs．Gladstone，and Yiscount Joenlyn left the Castle．The Queen drove oot with with Princoess Louisa Thing of the Beiglans rode out grived on a visit．In the evenian the Queen had a dinnere and an ovening party．On Thursday morning
 Nrinours the Dink and Duohess dis Alon Dorn，and Fricoess Marguerite or or orexhs visited her Majesty tunchoon．The Duoheess of Argill the Austrian

The King of tere Brletans，accompanied by his daughter the Princoss Clothilde landed at Dover on Monday ffternoon，and after reesiving an addres from the Corporation proceeded to Windsor Castle on a visit to her Majesty．The Queen of the Belgians was pre－
rented by indisposition from accompanying the King， Oa Tuesday morning the Princoes Clristian drove his Majesty，in her pony phaton，to Cumberland Lodec， Io view the ruins of the fire．In the afternoon Sir James C．Lavrrence，ex－Lord Mayor，Alderman Cotton，
 to learn the King＇s pleasure as to the prosestation of an addres of weloomen sigised by the Iorri Mayors

of counties， 22 bigh shorim high bailiffs， 8 kigh orifs， 211 way King in reply said that Q rothen her wish that the gid Queen Piatorisen at Buokingham Palace．for attend there on Thursday，the the
His Majesty adder that he His Majesty added that ho would Mansion House on the samen to present the freedom
Friday the Primee AND Pbincras Saxe－Waimar，went out shooting to the afternoon the Queen，accom to Marlborough House．Pripe a Envoy of the Sultan of Tríngag a letter and Highness，In the evening the Theatre On Saturday the $P$ Park，and aftervards Fout The Princess drove Prikoe and Prinoess arove ont 0 Monday Priace attended remained to luneheon at Larla rou dromaned to luneheon．In the af
dith Princess Christ Prince left Mrilborough House
visit to her Majesty．Whe Pri Wedresday House from Windsor the evening their Royal Hichopr of Wales＇Theatre．On T＇sursda on a visit to the Qucen The Pri is announced that the Prince 点 Countess de Grey at Studley Royit， beginning of next month．
NEW PERRS，－The following
be raised to the Peerage of the The Earl of Southesk the Earl Mr John Acton，Bart，Colonel G Mr．George Carr Glym，and Merages Bave aso beon oilere land：Mr．George torian of Greace ；and Mr．Edrard Elles Andrew＇s．A peerage offered to Mr．©．R M．P，is also said to have beon dedino Lord ward Howard that of Tord that of Lord Wolverton，snd Ma Eur of Lord
 Seymotr Haden，his niedical attendan summoned by telegraph from London． Caricio OEW BLsEurg，－The Dean and（ $n \cdots$ ． as Bishon of that see．Tue consecm and Chapter of llafh and $1 F$ ells，on Thas see．Dr．Moberly was enthroned cn Bishop of Sallizbury，in the Cathedral or that Temple as Bishop of Ereter，are the It $t:$ Canterbury，the Bishopg of Winclencer，I． take part in the cereihony
The Bishoprio De ST Assph there is no truth in the report
St．Asaple las resigned his see， successor has been determined uppo The，Deanery of Ely．－Mr．Gladstone nue Fellow and Tutor of St．Joha＇s Col equ，Cs？ honorary D．C．L．of Oxford，and Chaptan of Commons
of Commons．
I＇allamentary Movemevis，－If．
stone was re－elented for Whithy on if 3 majority of 182 over Major Worsler． vorth，candidate．On the same day yeral candidate，was ele t by a majority of upwards of 100 orer began on Monday，and was to con． The latest returns gave Mr．Gorchou．thent more than 500 over Mr．Smith．The Waterford took ylaco on Thursuay， Barron and Mr．Bernal hands was Osborne．Tho poll takes p from Middlesex in fayour elevation of Mr．Talbot to
a vacaucy in Glamoransbire． of Penllergare，near Swansea， candidate，and Mr．G．T．Clark， report that Mr．Corry intended representation of the county of son of the Right Hon．J．W． Liberal electors of Southwark oin Water not exper a long dissuss rarge majority．Sir I．Lyo

## Me. Odger, were mentioned as candi <br> - 1 ir il $r$ Commissions. - On Monday <br> Coymissroxs. - On Monday made to obtain the relense of the ware cominitted to York Castle for <br> - Were comuitted to York Ca vidence before the Beverles <br> harged the rule, on the ground that the <br>  <br> in il -Cinwdorable rerdu tions are the litwinal sstem adopted in thr focire IWh!men ary cempary of the

## fForctgir

'山 $\Sigma$-A rumour is current that an interview will Nice next month between the Ermperor d the Czar. The Emperor presided at a
linimters at Compiemne on Sunday, and viowed the regimente of Zouares and of the Guards. Bis Majesty Was expected ho Tuileries yesterday, to stay till Tuesday. vier will be appointed Minieter of the I. Forcade de la Roquette Minister of and that the Ollivier Ministry will be dizsolved after the roting of the Budget, oforal Bill, and Reconstruction of
Bill, all whioh measures the LepisBill, all which measures the Legisor, Barom Werther, presented his Emperor on Monday, and said that is charls to mintain and cement the
in belween the Courts and crovernments of l'ruwa, and also of the North Cterman n, and ulich, based upon mutual interests, ntries so oordially desire to develop, he pabring the express wi-h of his Sove ioperr $r$, m reply, said :-
 of friendly relations botwoen Prussia, the on the choice made by the King in sending
roturned to Patis oin Friday gvent
and on the samo night attonded a
the Ilue La Chapelio, at whioh he
Ledru Rollin had relueve to athe
rement, but would yerhaps take his seat if around of lis refusal to come to Paris at the reaponsibility of which be wrovere ste coon binself. On Saturday night several ance 1 gs mere held, but nothing of a remarkA 't took , lace, with the exception of one in L.dru Nollin to come to laris, is reported to I saw decidedly that that nan was not $\because$ miston a meeting at the Folie on whad the Orlanochefort denied having any $2 y n$ an enght years old who was not baptised Irfon ine. He then contradicted the report as) respeeting AI. Ledrut Rollin, and stated mad sadd was that M Rollin dud not as: if the present state of public feeling, atother meeting held on Suaday in the
Intoine, M. Felix Pyat declined to oona legiance as a caudidate refising to take - a legiance aud added that the electors 4 alcton the ourprers to rise and shake of under the weight of which they
Tlic mombers of the lueft met at a mice of Jules Fravre on Sunday, and 4 1. Rehthen the signatures of 27 deputies 1. Hehtung those of MM. Grambeta, of the interpeliations and reforms whel kss Boy. It asks the suppreseron of the law It asks the suppreseion of the law \% demancto that the right of declaring war - wraze to the national will, and points to "The ration to be attained. It coneludes by I Tation must be freed simultaneously - A demagoxic violence wheh corrupt 'be Lepution ofe attacks this manifesto, and Ing of their ainenifesto than as to the ideas dipan not hasing therofore congratulates M

Was held at Marseilles on the Gi reolutions were passed declaring detors, that he horfeited the confidence wh bedd health and incompetent. $A$

2000 persons were present. The
 M. Gumbetta was a tein alonost hugater and hieson

 4. Louis Blano in the piato of M. Ledru Rollin' but Thi Leters fromeeting on Tuesday M, Gambon ircer as he d.d niot win tot oome to Paris. the


 The Princess has returned to the Palnis Royyl. mae petitioned the Prosident of the Chamber of Coms merce to used all his indurience to maintain the Prenoh
 to the clergy of his diocoses in mhich lyo deleltres of the Pope, as inopportuno. He blames the internperato language of such journals se the Cier th Cutfuluar and the Univers, which have opened the discussion on thit (Feumenical Coninnil. and pays the decisions of the persmanl uffal.ailty would bo hooppurntura st the precat unae, becauve it wou,d be 1 elees anid d dumerous the Church, their restoralion to whell oughit thil tis bo degpaired of, would prowike the mustrust even o the Puntifical power. Ite blames tlio l', the mhas tolfoutuded the snirtual with the lemporal, and arresated to themsolves claims to dominate orer thrones, reforring particularly to the Bull of Paul ILI,, whioh of allegiance. This Bull, he says, was oaluetlatethan to preeinitato tho havio nation mino hercey Christendong ic back to che chureh, and was fur all vincyard of Clos- Vouseot has bees sold by austivn for

Duke of Genos if elacted oill Crown. It is expeoted thas at the eloctions Spanish Crown It is axpeoted that at the eleotions whioh will
bo held shortly to fill up the 30 vecant seats in the Cortes, members will bo returned treturnel to sute in favour of the Duke. It is estimated that the number of votes for his Royal Highness will then smount
of the CMetion on Pridy, by a majority of 133 w Caimo and suner had been condemnea to death, that the Deputy Ameller had been oontemned to perpers' confmement. The bishop of Havana was arreated on Friday at Cadiz. A comsiderable mum of noncy for the Carlist cluefs sas fuund 10 his jusses. suone In the situmg of the Cortes on Siturday the Annister Becerra, in replying to questions from tho Porto Rico Deponfies, said that in a fow days he would read the projeoted Constitution for that island, treating t not as a colony, like the relation of Cansas to England, buis a spanise provice. He conuelaned slavery, Whioh he said must be gradually abolished, Deputies spoke in favour of abolition. In the sitting Deputies spoke in isvour of abolition. Buat the Cortes discussed the Bive to the eledions for tho seate which are fach, when the Minister of the Interior declared that these the state of siege. A rumour is ourrent in Madrid that the Italian Government has refused its assent the candidature of the Duke of Geaoa for the irone.
BRLGIUM- In the sitting of the Chamber of Represeutatives on Tuesday M. Frere Orban, in Feply to M. Dumortier, said that the late Pranco-I3elgian ruilway difliculty had certainly excited the national susmost be subject of congraturat since it had gerved to place the relations of Belgium and Frame on a better footing than erer. The conventions coneluded were unobjeetomable from a phitheal pomt
of view, and were csinctially foronable to maunacturint interasts.
SWITZEHLND.-Tho Spanish Government has com municabd to the fyiss Government ita dasire to jom the Convention of ucte promiotion of a utirform system Switzerland, lave already given their sodhemon
Pbusgia. - The mariage of Priaco charles of Roumstia and tho Priacess mizabeth of Neumied was celebrated on Monday in the presence of the Queen of rusua, the Franders, all the members of the Hohen ollern family, as well as the smbassadors of the principal Sovereigus of Eurone. In the gitting of the 'hamber of Deputies on liriday, the motion of Herr Eberty, extending the trial by jury to political ant the sitting of the Trper House oll 3 londay, a resalution proposed by Count Yon Munster deolaring the aranting of the concession for a lottery luar of 10,1 an en fill fixip 21 years ns the ace at which Prussian subjects shall hancoforvard attain their majorily. In the sitting of Weduesday the motion of Count Lippe, relative to the
in then name of the Goremment that ithe prupuation

on Friday In In tho sistiog of the Chamber of Deput as

and loss of nora
-14
14Dalustia-The lat appeal to the insurgente to
Tuit haviag proved ineffectual, the Austrian troops

oolumns aqsinst the diatriut of Krive
Rresit - An Imperial rescripforas issued on Thers-
sumary, at the rate of four in every thousundPoland. The Emphout the ompire, inoludims Ambassador, General Fleury, on the ilth inst. A Special Commisuinn hisi boon appointed in conmoction the Nu'mi) Itvision of the Imperial Changollery presu pegulations. The following in a list of the pred the Emperor and Empreas. - For the Kimperor, - 1 for asgnifloent cets of furs oovered wilh precious cath areres ; throped with osshmeres; four splendid sols of hality ness, ornamented with preoious stonee for of ant horeos, Hor the Emprose - A diemond riar of tend

 Iraly.-The Kina let
rurs, and is nom wall his bed on Priday for a fow

 uired to ndminister the lat sacrament to hi Majesty during his recent dengerou illness. This Ht.on, the mese applied to the Archbishop of momaternt the as riment. The Archaishop in reply ned the prieat to obtain from the King, before ambting ham to the riten of the Chureht a retrataa engagement in writigg, in the gres. $11+0$ of two witwere displeasing to the ohirn it jrris. Tio these proposala the King roplied :-" I have livini as a Chriaturn In the faith of my forefathors, end in thr faith I am example of my anoestors, done that which my conmy country." In the face of the King's tirmuess the orders he had received, and administered the saorg ment. The Archhishon was displensed at this, and again sent him to the King to demind at len-t a verbal etractation. To these fresh juroposala the hine rejulied that he would have been glai it livteu to him if be had come to spask to him abont deatla, hat that if he wanted to his task about julition he must aderas him polf to his Mrusers by Commission ment was pened oa ruunday by Comminsion. the speech mam the Throno, ater oxpreasing gratitude for the Hnatervation
"The birth o the Prince of Naples will
 pu ica is the widh of ail nations desiring progreas it is particu-
larly so with Italiant, who mre intent uquo the intariour ho is it it elparisitt to anterfe

Int ass
ivalisati the king will mainain the mation may lhe realacerl that amd the thanty of the people. The Klug urges de of great At, the speedy a pith in of the Budget. Whict, the lindyet Bille with the view to imy rowe the prement syatem of tazation, and thorely provide for tha necosalties of the Treasury. As tain unbroken fatth in all its engagements, it fs for the Ghall be reaily officacious. Together with theme finamcial Bille reform of the interial administration and of the penal law, and for the promotion of legislative unification, the reorgunisation

## mas Weq-a Margherita and of the

 infant Prince of Naples is excellent. An onthusiastio popular demonstration in honour of the Royal family occurred on Friday on the Piazza Plebiscito and at the Stook Srohange Congratalatory telegrams have been received by Prince Humbart and Princess Inarzheriaa from all parts of Italy sad from whe curopean Soveraigus a Royal decree, dated Sunday, has been lasued, grantigg an amnesty to politioal ofreaders and to porsons impliosted in the Grist Tax Riots. The Tribunal of Florebe on Monday eveuing oondemped Major Lobbis to one year's military punishmeat, Signor Martinat to gir monuts ordiuary imprisodment, and sigaor Caregnato snd ovelil to three montas imprisonment enoh. Fignor Benelli wns soquitted. The sismograph at the esurian Observatory has beon extremely agitated since the gth inst.TORKRY. The Cofanoil of Ministers mot on the 11th inst, to consider the reply of the Khedive, in Which his Highness subatantialy concedes all the pointa demanded by the Sultan, excopt that one relative

TIIE GARDENERS' (TIRONICLE AND AGRICULTURAL GAZETTE
to the contrabtion of foreign loans. The English and / commanding the American fleet in European waters,
to the contrabtion of Preiga loans. The the Sultan to waive that point, which, however, his of Vienna, of Thursday, states that in consequence of the unsatisfactory nature of the answer of the Kbedive, the Sultar has directed Aali pashanclusion of tho Suez Canal opening document the Khedive will this intellizence be conlirmed, Mr. Elliot will return to Constantinople after the concuston or moded leave to Eoremony, The loan of $12,000,000 \mathrm{l}$, sterling, concluded with Comptoir d'esco, has been definitivel ratilied by the Councli ennals
Egypt.-The fetes in inauguration of the Suez Canal oommenced on Tluesday by religious ceremonies in the open air, which were performed both by the Ulemas
and tlue Roman Catholic priests. The latter was conoluded by a speech and a benediotion from the almoner of the Fmpress Eugénie, Monsignore Bauer, who congratulatid those present on the completion of the his reiga by co-operation in one of the greatest undertakings that any century had produced. He dwelt upon the complete liberty which the Khedive had granted to Christianity, thanked the Empress Eugénie for tho deep sympathy she had dinplayod with the exertions he had made to effect its completion, and the princes and the representatives of foreign Powers the Viceroy and his Ministers, the Eunpress Eugénie, the Emperor of Austria, the I Princes of Prussia, Holland, and Hesse, the diplomatio representatives of all nations, and an immense concourse of distinguished visitors, Aigle, with the Empress Eugenie on board, the Austrian, Prussian, and Dutch Royal yachts, with their respective Princes; the Psyche, with the English Ambassadors Rand Rad-in all a fleet of 40 vessels, arrived at Ismaila from Port Said, having performed the voyage through that half of the canal in eight hours. day from Suez. The Maritime Canal was thus traversed by seagoing vessels througbout. There were didly illuminated. The festivities contivued on Thurgday, on which day the Empress Eugénie rode out on with the wm, and atterwards drove out in a carriage Wednesday by M. de Iessens to the directors of the Suez Canal Company and others, he made a speech, in Suez Canal Company and others, he made a specation justice in Egypt were necessary to the successful work-

## and the Great Powers were willing to effect these

 reforms, but they were opposed by the Governmenof France. The British iron-olads, Bellerophon Caledona, hoyal Oak, and Prince Consort arrived of Alexandria on Sunday, The Prince Consort and Alexandria on Sunday. The Prince Consort and Royal Oak ran ashore, but were got of without damage. They struok on a bank of soft mad which has been formed outside the harbour by the excavaehart.
INDIA.-A large village is reported to have been burned at the Bleck Mountain, by a small force under Colonel Rothney, as a punishment for the recent raid It is reported from the Persian Gulf that the British gun-boat Clyde has been fired upon at Muscat. Her
Majesty'e ship Daphne goes to the Gulf from Bombay in a day or tur 0 . The report of a collision between troops of the Russians and of the Kushbegi of Kashgar has been confirmed. Her Majesty's ship Forte has
been acround near Cape Guardafui and suffered conbeen arround near Cape Guardafui and suffered con-
siderable damage. The British ship Hydrabad, which - was on a voyage from Jeddah to Zanzibar, with a Musanlman lady of distinction and a numerous body of retainers on board, has been totally wrooked on a reef 45 miles south of the latter port, eight of the crew and seventeen of the passengers (the lady not included in the number), being lost.
Australia.-Accounts from Melbourne state that the Victoria ministers have resigned, and Ma new have been re-elected after close contests. They propose to pursue the same policy as their prede-
cessors. Great exposures of maladministration are threatened in the ensuing geasion. The revenue has Sydney, on the 28th ult. The Governor in his speech declared that the system of retrenchmaent was pro-
gressing. The Government propose to borrow $1,600,000 l$, to extend the railway system . incrensing. In South Australia the Secretary of the Treasury has presented his Budget, whioh shows a NRW 93,0002
announces that the from New Zealand the rebelion is diminishing. The Canada.-The French residents in the Red River country have armed and banded themselves together forcibly compelled the Governor, Mr. M'Dougall, to cross the boundary into Dakotah, territory, where he now awaits armed assistance or instructions from the Caparate territorial government and an elective

## USMTBD

the President Seo obeerved throughout the United States. The
commanding the American detail vessels to convoy the body of Mr. Peabody to America. Genersl signs of mourning were observed, tags hoisted at half-mast, and public departments closed
as a mark of respeet to Mr. Peabody. The Alabama as a mark of respect on ar has ratified, and the Tennessee Legislature has rejected, Partial returns indicate that th Confederation oandidates arare Wenhington on Friday. azed 80 , An official denial has been given to the anouncrement made by the New York press that the New York to take possession of Samana Bay. American stuadron stationed in the Gulf of Mexico. The two preat Presbyterian Churches Cobs.-The Spanish Minister of the Colonies has receivad a despatch from Havannah announoing that the insurgents in the eastern portion of the leand 250 dead on the field. The despatoh adds that the insurrection is decreasio
is reviving in Havannah.
Brazils AND Pabaguat.-Accounts from Rio to October 18 state that warlike preparations have recommonced in Paraguay agaiust Lopez, who, having escaped amidst the confusion of the last deieat village a short distance from San Joaquim, Count d'Eu started against him from Rosario on the 8th ult, and on tho 20th the vanguar that 80 persons hid been shot by order Deserters repor onsequence of complicity in a real or fancied conspiracy. Among them were his mother and brotwer and in Paraguey has decread the basi of a new Constitution, by which slavery is declared to be abolished. On the evening of the loth of Octobe a hurrioane burst over the River liate, mnd increase in violence until the shipping at Buenos Ayres and Montevideo.
Chili and Pkro.-Abbe Falb's earthquake predictions had proved unfounded. The time named has passed without anything occurring on the coast to cause the least excitement or alarm. Along the whole of the coast of Chili, Peru, and Equador the finest
weather prevailed. A violent eruption of the Colombian weather prevailed. A violent eruption
volcano Purace occurred on October 4 . Three aljacent vollago furace accurred all their inhabitants were believed to be destroyed. Funds were being oollected to erect a statue to Lord Cochrane at Valparaiso.


## (firtuopolig amy it\% FTctutte.

## The Quern's Visit to the City.-The Queen

 has intimated her intention, through Mr. Gladstone to confer the honour ordind and Sheriff Causton and Mr. Sherif Colonel Fraser, the City panionship of the Bath upon Colonel Fras of her visit to the City.LBTTER FROM THE Pops-Archbishop Manning has sent the following letter to the daily papers for publication:-
"Pope Pius IX, to our Venerable Brother, Henry Bdvoard, Arat
"Venerable Brother, health and the Apostolic blessing. Having said in the lettor which we addreased to you, venarsbl brother, on the been carcfully examined and dedided by an
had alcady
(Ecumenical Council could nct agnin be called in question; that therefore no place eould be given in the approaching Council for any defence of errors which had been condemned,
and that for this reason we could not have invited nonCatholics to a discussion; we now learn that gome of those
who discent from our faith have so understood those words as

 that which was lost, from repelling them in any way what-
cher, thit we cren ro forth to meet them, and nothing du wo

## ont our arms with a fither's love to any one who shall return

 silence upon those who, milad by their education, and from ua resta upon strong argumonts which they would wish to be oxamined by wise and prudent men. For although thiscannot be done in the Councll there will not be wanting learned divines, arpointed

the trath, they may receive a more abundaut light to guid
them to it And may pery many propose this
and carry it And in may fery faith ' For it could not be done with-
out
out great proit to themsel res and to others ; to themgelves,
indeed, beause Gud whll show His face to those who seelk
Hion with their whole heart, and will givo them what they long for; to others, because not only the example of eminent
mean cannot fail of its efficacy, but also the more diligently
they shant more enrnestly will they ptrive to impart the Esime benefit to Apostokic blewtag, which, as a tolkep of the Divine favour, and


THE Late MR, Peabody.-It is nom 1 nMajesty's ship Monarch, in Portsmod ra
Mriday morning the 26 , Portland, in the 'State sea-going turret-ship of the noet recent Mediterranean Squadron. SLe 15 veran been communicated to the GJvemmen States and a telegram has been ren President through Mr. Dotle United States in this country, andown President will order an American reas.
can reack England in tima, to at as mat Monarch on her mission to the Vatel "a
following statement lias been published 321



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On Sunday afternoon the Bishop of Lode :
a funeral sermon on Mr. Pesbodr. $+1 W_{2}$ Abbey, in the presence of an oferthem
tion many hundreds being unable to The Bishop took for his toxt Hebremsir is labour, therefore, to enter into thes resh



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 world."
It is anrounced, on anthoritr, hat its an
will dirents has executors to pay orep of the Peabody Donation Fondon, dwellings for making the

## T'RE IATF: Lord D

## tatue of the THE

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Inforni fucure Sratef-During ite
 Wecester : square, and it now lies among the Tat toxe of thio pedetal.



 Pancris with the Central London Paneras witlo ad sistrett mlheli, mill
 Thailisliument clarees. The report or the
 .lter the establishments, the pari h w would imel of muthyy. amid half the annual ostab)
 Hie prarih would bo depryved of so nuel of
intst the report was adopted by a majortys

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 ans of st. Pauerras on Sturday, it was the cirrumstances under which the vent1ther morkhouse infirmary had been reduced astact as to lead the coroner's jury to return thutus thit it had necelerated tho denths of mo or ier to bring the yurdians ioto dise
that theee tricks, to which some of their
 ie lemulug paristioners have visted the

 It,err report having proved very tremedteal offierers of various London n maspent the building.
I futerNuENT AND THE Fenian Puisnners - 's led Committee, was held on Tuesulay night in verie Street, to consider a correspond Dasced bet reen Mr. Merriman, clanir
mittee, and the Prime MTinister, and to the futuro policy of the Amnoty
chair was taken by Mr. J. MerriThe chair was taken by Mr. J. . Merri Hi.e matronolis. The chairman read the rnee which hand taken place betmeen himselt halstone, tho chiof pontht of which mes that
 Lut witer thir. Merriman expressed his dis Te.a Finn nud ar teast, the sioghtest ind odication no or ill feeling, Aloling diesussion ensued
question of the presentation of the cneed hy of the presentation porsons in thondon
 - Mreetrived to the teeen. Pt was aliso Mr Suli. ran then ssid that the Irish Condor would tower themselves exceedipgl emoceanctances they continued to vasititew of Mr. Gladstone's derate the poilitial prisonors, therebb and as our only hope ieses in the future action of Strymen, whio never have had faith in, nor
 IIt © Leary seconded the reseolution, which On Wednesday the
 Shops oilit


Hice City. The frel ways were greatly Tonrent moreches sononthe thino sod oiller rrei

 Thue police, twopt of ofth whom wesse station of lined at the great thoroulhhfares. Seereral acciut none of them "ere of \& very
On Thurshay morning the for was


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 Poorraw board for peram. -n. to re-onth lie to toriu Strect Infirmary for the adumwon of freer putiemt
 Diss of the Royal Standard. wn the Brazillan coal while on her outhard roysae from Ion ton to Mel bourne sim suled an fust 12 fram timata
 Tholic and 1 becme alothl
were drowned in the sur in attemptink A ludilus ank 12 orther, consisting of 3 pasemenery nuld ly Pof tha crem eft the wreek on a raft, and mere landed at Falmoull

 aved, but his mifo anu me ehilren, whare akes nries



 Standard was oricinaly bail an onemaer or nearl suon tons measarenient, auk majo sexpral sureasfiul she lias been converted into a sullog sluir and ma orwed by Messrs. Wison \& Co, merchants, of Liverpool.


 Irouse, on remand, beforor Ulderman sir Jlawn House, on remand seforio thuerman sir Jaume
 isheol a propectur mell hionivia it to te false, with other perane to liemine bharebolders. They were


## matid by the proseoution to amout to 2,0000000

 storling. The examination exaited much interest, and lonk sitionk, in whlich i s rast masso of figurase and fact vero $p$ iven in evidener. the livaring was adjourned to Thursday, when Mr. Femp, the a acoountat prodeducel 3arned $\&$ Co by frmw in Liverpool, whin subsecluentl) faled were carried over ns assets, and that Barraed "Co 'wero hopelesesly insolvent tat the thme the gomix wil of the busisiness mas purechased by thee new com liany for 160,000 : After the agreements had been put in ovidence, the inquiry was azaii ad ourred.Ttie Puble Hzatre. The Weekly Return of we regianc anded on saturatay,
 ras 2 M
 Lin in Birmingham 28 in Liverpool, 29 in Manchester

 On the sauc week was 21 ner 1000. The rate in Berlin during the seven dass endine the 1 1th inst was 2.5 net 1001. In London the births of 1160 boys and 1111 In the correspondint weeks of 10 years 1850-6, the In the corresponathe weed sor increase of population, Tasel 983 . The deatha repistered in London during the week were 1699 . It was the 15th week of the year, and the averaze number for that wefk, onrrectod increase of population was 12..The pros.

## 很robtreffef.

AbReqstwitre- - conference on the subject on the "Welsh evietions" was betd in this town on
Tuesshy. Mr. Ruchards, MP. ppresided, and about 2no didegates from the chief townis and districts in the princr palily mere preant whe reastumons
 with he nersan se incled, and ree bommented thatatun and by collections in every Weash ohasper witu gurante fund of 20.000 L Tomards this fund $M$. Morley, M.P. Mr. Richards MP Mr. Mi.w yn, M.P and two other gentlemen, offered ionel. eachi. Appless tions for compensolut at a public meetins hed mittee for each coluty. At a pubbic neeting heid in
 Roberts, of liverpol, the resiations d.
$-A$ large neeting troman Catholica

 mane mane $=42=5$ $\operatorname{anc}+2=10$
 where was a system like that of the leasme at work and those eppronthime moarest tin 11 whe under ken Tence of condemuatum from prantical experaence


 linhup. The rimplutan Bis stemated by Iunton approved of the denomintionel siatem Thin Jiarl of



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 armer, the liruther of the nemoner, was kelt.the supper
 was sulidruly shat dead by smme irn on outotile the honse The pramier was at ofren sump ted of bems

 evidencenillued in has favolar was, 1h, at at the thin of the marder be was away from hame the wistuner was remanded. It is stated thrt two jumee wilh be sulbe
 correal

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about to retire. One of the resolutions was muved by tho Rev. Robert Eillis, Beptist minister, who asoribed to prevalence of dissent in wales principsily to the appointment of Eughil-speakiog bishon, who wanted sympathy wibl IV ales, and bestowed Invings on hoplish relatives the second resilutinn, in the eftoot that the teetang should mmmoriaiso Mr (ilabstone in favour the appointment of a welah bonion or st asuph and other Welsh sees on wameenes vecurring, was manturotaly eqried.
Denters:- In Mareh last, in conspquemen of a portion of the . ine Iachs Pit beinz imun lited with water, 13 men and boys were supposed to bo buried alve, having been deprived of light and food for 150 hottes. 3y the exertions of a gentleman namus Smoth, with the assistance of seren mimers, 12 of the lives were saved, the 13th having aled from anxiety or fear, or perhaps weakness of constitution. Farl Dudley, to mark his appreytition of the conduct of the seven miners who assisted Mr. Smith, determined last reek to visit the pit, and, in company with Lord and Lady Rokebr. Jon. Mra, Claughton, Miss Claughton, the Misses Hemming, and Miss Melfite, descended the pit, which is 500 rect in depth from the surface. The miners were summone 1 to the precence of his ordslins sad after o plare uas with some difinulty been found where he could stand erect, he called the following names:-William Jefferies, Liward treenLatham John Huphes and Darid Piant. Ifter havin most feelingiy addressed them on the interposition of D, vino Prosidence, throush the mehtum of Mr Smith and his seren cusiotors, e presented to eme a aold wateh, chann, and seal, bearior on the outwide of each case the rhow, ne meriptron (varying the namee. Jefferies, Nine Looks Colliery Accident, 10th March, the initisls of the recipients.
Mardstone.-Joseph Welol, who was condemmend death at the last session of the Central (riminat Court for the murder of John Abrabams, at oolwhet withan the county gan The malprit exhibited $1+1$ b
 fing When the lo.t was wilhirgwn he appeared to die mithout the legst atritagle the onty persona predent were the T-nder-sheriff, the bovernor of the Gan the surgion, two reporters, and a few warilers. The back fag as usial was rased on the exterior of the butding, where about 101 person had assembled. - ORWTCI - memorial sizned by the two srchdesconrias of Normich and Norfolk, suggesting the decimailaty of diocesan conferencas, in reoently presented to tha Bishop of Aorwich. In reply, his lordahip says .-
mind oave already in farion ryjy somight to as, stau the

THE GARDENERS CHRONTOTF AND AGRICUITURAI GAZETTE

##     upon the aubjoch I Imm not propared to assel

hhe opinion of the laity upon the quasti; n
OXFORD. The Marquis of Salisbury was on Friday almost unavimously elected Chanoillor of the Univer sity of Oxford, in the room of the late Earl of Derby. Only one vote was given for the otber candidate, the his faremell charge to the clergy of his diooese on the 11th inst. The followiog is a summary of the more important portions

##  Ina the Churcch of Ruma it was axasorteor that there was but one  did not teach on doctrinc. Inttora of that tiveryancy in the   




 tisly tidititerent into nu utteryy undue inpportance. It wis


 Hiving worke Ho had always associlated himsolf with the latad to assiat increasing devotion. He must be allowed to say eato very gieat changes, and with Jegard to such changes it
was impossible to be too watchful. The Church and the nation nt the Reformation rejectad at once the tyrannous usurpation accrotions which, under the shadow of the Pupary, had chasge Wis ultainctat the price of a convulsion which could
lardly fail to injure, and even to destroy something and endan 6 er moro things, which, though good and valuable to errors. There was one cbange whected he wiewed wedth great quarters to clange the idea of the Foly Eucharian certulin pricst. In his most mature judgmenton of the celebratio progre
 cortaine the accomplishment of such a movement would most cartainly involve the loss of that most bleased heritage of the
truth of God, which of His great mercy through the fires senblunce of success helpod maore than anything elso, by
giving athock to longestablished habita of belief, the pro-
gress of that flo.l of lawless intidelity which reve to bave been alrealy lise of the last daye, wand which seemed
 on must be at one whlth her fimperial sister the Queen of indulger in passionate brawl and unseemly contention. What mile Eome injured true science by setting her uap as houtile to the God was tho God of Naturorthy of a Chistian Grace; nor need we be ffraid ot the as He was the Gud erray science against Christlanity, The assault of such from the firmb endured, and cull il on jure acon church $h$. enemies. The perveration of mighty ones amonir the che her offildren to the corruption, untruthfulness, anil sumerstith of the Papacy, was an ingury to the faifin, fand a real danger
PugBr, -The following are the candidates for the head-yastership of Rughy School:-Rer. Herbert dohn, sasistant master of Eton, formorly Fellow of St. master of the Cilve of of St, John's, Cambridge; Rev. Albart Wratislaw Fellow of Christ's, Cambridge Buad's School, formerly qssistant master of Eton formerly Tiellory of Tinge, Cambridge; Rev. John Peroival, head master of Clifto of Queen

Rugby, and Fellow of Queen's, Oxford, Rev. Arthur Fellow of New College, Oxford; Rew, Henry John Wickham, assistant master of Winchester
College, formerly Fellow of New College; Mr. Raeadore walrond. formery assistant master of Baliol Rev. Andrew Hayman, assistant master the erection of a Lechanios" Institution in this town, is about to provide a park and reoreation ground for
the benedit of his workpeople. About 12 acres of land are to be set apart for this purpose. The grounds will
be laid out in fower beds and shrubberies, and provtsion will be made for cricket, oraquet, bowls, and other outdoor amusements. The means for indoor amount to several thousand pounds.
SHERBNESS.-Her Majesty's gun-vessel Rocket, the sister ship to the Thistle, the boiler of which exploded about a fortnight since, had an exceedingly narrow
escape from an explosion on Friday morniag. While tryinio her machuery at the Maplin Sands at full peed, the boilers primed to such an extent as to blow nearly all the water out of them, rendering it in the engine-room and stokehole was very great, being heightemed by the remembrauce of tho calamity on board the sister vessel. Some of the men became so remained at th
$\qquad$ The cause of the priming is unknown. The Thistle is ordered to be paid out of commission, all standing, and to be placed in the first ivision of the Steam Reserve
SEI BLDS. The North Shields Free Library was pened by the Mayor and civic authorities on the 4th ost. Ah. Mr Smith eaxers Was the member for the org, is the first free library on Tyneside.
Warbifgton.-On Thursday morniag the 11 th inst. Mr. Samuel Glaane, farmer, of Great Sankey, near this while driving his cart from the Sixsmiths farm to St. Holen's. At the inquest on Saturday, Joseph Gleane, son of the deceased, stated that his father leit his house at 6 o'clock on the Thursday morning in St. Helen's, according to his usual custom. Josiah Gleane, his nephew, fiving upon a farm at Burtonwood, a fow miles from that of the deceased, deposed that he sew his uncle's horse and cart at the door
shortly before 7 o'clock. On going to the oart he found ais unole lying in the vehicle quite dead, with large olets of blood near him. On taking lim home, and sending for a medical man, it was found that he had the rond where decoased passed every morning, give
evidence that on the moraing in question he heard him pass in the cart about the usual time, a fow minutes afterwards he heard the report of a gun. It was loud, as if the gun had been heavily loaded. ILe took, however, no notice of the occurrence, but soon afterwards heard that deceased had been killed. Dr. Smith, of and found on thelert side a largegun-shot wound. In the henrt and other parts of the body ho found pieces of lead, which seemed to be ohippings. No heasy sho corm a distance of between 4 and 8 yards, and from lower level than that which decoased occupied. The shot also had been fired after deceased had passod the murderer, beoause tho slot lad hit him from belind death had not been calused by deceased himself. The inquest was adjourned to Tuesday next, to enable tla fanily have offered 200 z for information leading to obtained. It is not supposed that the murder been out of any attempt at robbery, 4l. or 5l. in sovereigns and loose silver having been cound in the pockets of deceased, who is described as having been a good
master and a kind neighbour. The only matter mpon which ho is known to have had any difference with anybody has arisen through the preservation of his game; and it is said that he had recently a quarre With some poachers, and shot one of their dogs one of his labourers in the County Courts and that the defondant refused to appear on the summons, and
had not been seen in the neighbourhood since that time. He was an Irishatan, sud was suphosed to have returned home
Monday evening at the Moss Hall Cobl Company's on at lnce, मear this town. Trrentr-seren dead bodies have already been brought up, and it is believed that 19 more are in the pit. On Tuesdas it was found that the pit was on fire, and as there wes no doubt that al the men in the pit were dead, orders were given to close both shafta.

WINDEOR, On Saturday foremoon, shortly afte Great Park, the residence of Yiseount Bridport. In the flames broke out in the apartments occupied by Mrs rescued by Lord Bridpor, who was with diffealty Wescued by Lord Bridport from the flames, The Windsor Infantry and Cavalry Bamengines from the Castle were pronantly daspatry Barracks, and Windsor Castle were promptiy despatched to the Lodge, under
the command of Lieutenant Dundas, Colonal WiI liams, Lord Somersot, Lord Carington, Marquis of Worcester, da. By the time the enrines arrived the fire had spread over a considerable portion of the
was at Oxpond, a quarter of as milo,
past $110^{2}$ clock the premises was in past running in every dirention in and until 2 o'clock, when they whe
and it was loped that the wink be
Queen Anne, and oocupied by Lord
The fire however continued to
day morning, about day moraing, about $10^{\circ}$ elock, aftar

## subdued b

present on Naturday morning, Beatrice, arrived Leatrice, arrived at the Lod
Lord Bridport the extent Christian arrived, sud in this Royal family at Windsor mat princessents. The Queen, with King of the Belgians and
port was remara the piato Windsor Castle, in one of the Ros on supposed to have been oaused by al ha Th one of the upper rooms of the smell of smouldering for the lnst th not ascertain from whonce it came. oonfued to the Stote apartments, buil of the reign of George III. for his brot Cumberland, including a large basque a suito ${ }^{\text {com }}$ reading-room, grand e property of the Prinpe of Walat b vere taken into the hall for salet they oould be removed.

## Eretand.

## The Prime Minister And THE Pum

 speach of Mr. Gladstone at Guid hall has h. Tley accept the admission Wroug ", and moralise unon They point to legrilative indcpendeura ns remedy, and exbort the people to pate athe promises of the british Goprameat rations of "spouting asitators"

## the attention of the beople fr

whelu it must be fixed. The Premer is ant , 1 cuuntrs whioha retains ndependent and her poople happr, the inauguration of a new swindle no of agitatigg for fixity of tounce, Wheh $\pi_{1}$ oblained save from an Irish Parlament Ha time or in any other time, have been wrea English fears, not granted by Dughish jutioe that the promised Tennat-Right Bill of Me. Ght will remedy mattors. What Irelatd a native Government, under white tha land o. belong to the country, and be mangad by it first session of the Parliament of free sad TERATT-RIGFT MBETITAS-A tensother ing, atteaded by about 5000
 "That tho poople of Iraland are eutatien $\mathrm{m}^{\circ}$-I"
 who moved the next resolution, wate the so-called tenaut-
 and the tenant-farimers
exchange it for faxity of tonure at
than that he counselled the people
 petition to Parliament.

## Ir. Bryan, Mellew, Mr.

 what thoughfentlemen in the county solic
few bad favoured him with
adoption of the rules of the Mu
ayreed to. 'Tne procee
rupted loy remarks from
meating about the Fenian prisoner of Lord Carrick and other suno pe Saltmills, Wexford, on Sunday, a M.P. presided, and saiving security of tonure, but prinoiple whether the Bul pasech de of tho secur of ectine a teplant, an reat by a periolical v


Who moved one of the resolutions, aniliated. Ihere of tenure and fair rent
had, for Irishmen were never happy Threday a maeting was held a. (remanty and tor Ves lons lhes) a favour of fisity of tetsure at far in any memare for the reater of anterest of the labaring clas and characieristhy as a gross and the alleged imputation of the F. Felare lo ti.e T, mun Cathelic

. na, whth hat l-at ts liead playing in in the hat of bidisbrechent tadaw Wa hay, Tue hat ners phards if 12 , bue persons were 5. Mirgire - iman, whose name is as cotter or Reardon, has been on usiminn of being concerned - -ler. A prrate inquiry was held on int.on with London, and more arrests

## Scotlanid.

1 PSH GFFICRS IN SCOTLAND. - The Earl Exey ner and Sir Williatn Clerke, one of the .... in no ure into the administration of Depretments in Scotland.
ho whir vilsifir.-It is understood that Gin 1 IT J Dedetermined on not filling up the - in the Court of Session for the
of: if Eunderga, -Tho Eniversity In the anction of the Clancellor, have a mone regulations for the education of -.antel to the study of medioine in the 1 the . Dstruction of women for the promo shall bo conducted in separate enturely to women ${ }^{3,}$, the protessors
tmedime shall for this purnoso be perare selarato classes for women; 1 , women 1 ly me lieme professionally may be \%.and of thene chasse, or to any such part of F Con thenthon given in such clanses, as the - 'the fee for the full course of instruction in 2.: ..t. 1. 1.uts 1 roposing to attenà any such a the, it shall be in the power of the pro-- -ake armmements for a higier fee subject
 - : an to the matriculation of students, their hor, or from the $\because$ Mous shail tak
 - Mat Mr. Girant Joulf, M.P. Tnuer4 Tires next month, and there are already T the ctulents of a contest for the chair. $\because$.erstood that he will be opposed by sir = $\cdot$, ar Mastell, Bart, of Keir. The election (1) wat le ember it
$\because r y$ WITIY EvaLind,-On Friday night I- an ofdress bylosophogi Institution was - I ri Jutice Clerk. The subjeet was, Enown< and union of the kingdoms hely had ils lordship traced the hicir hau been produced by those atry. Ite remarked and social condiothat scotchmen could look at the condi. an the bonds uniting the two countries Yi mmutut and at
a arnen. Tntered in Edinbureh to afford th. a natit mriodeng building, desizned by inr sat proviled by subseriptions from inhabi--aluotur sood and the rabmen themselves, Tounnivs are provijed in it, by which a full - braned in eg direction can be commanded; \#T Pared by a door from the street-side 4. 4. ng the stand. A gas-stove is to be InRlind Gowd Dragings.-The operamapted by unforg the last fow weeks have - memphonfarourabie weather, and the athe, 8 o that it is penerally believed that

Sutherland is, for the present at least,

## そattways.

the Midindi - On Wednesday ${ }^{1}$ hallate tranuress at the Trow Jerby to Leicester, Le Tere lojured ; one named Shaw a traveller, Chemer, is lying at Leicester, seriously aith men in the ballast van at the rear had
erjes of notices for varinge rates Lives -The fra ession, whelh were issucl on Satardas, are remarh
 or abadonment of prones.s lanes The south Listeriask for power to ata1 Lon the nonatruetron of

 II atford and Geat Northern ask to absudan the rosed firo rears since, an 1 tin I , mmashore and I I itk


 The ETVT -
Western mitend to and. The london and \arth and cousilerably imporose it The works antl commence about the latter end of this toouts
PENAI Railway Fabla - The movement to estasuburbs is making for working men living in the London and North-Western Company lave nearly completed branch lines by wheh Boolle, Weat Deatly necten with their man lime, and it in mutuded to establinh a systelu of Ienmy faree for warkinz men

## Eporting

Tuf Grfat Tise Boat kace-The four-oarod race for tho

 with the lead, wheh tro kip for hall i nole, when than Tymo
 26 min. 50 geo.

## Obftuard.


 of Bothusford, cmaty Jeicector, in tioc pleans of the thitel





 to tho House of Commonis for the borough of Cambridge in returned at the gencral oloction in 1841 , and continnod to 14t. He was Under Sceretary of State for the Jiome f)jart-


 Ihr luh whing, 1hanit whibibor Clive, Baroneas Windsof a stzneell, in the prectus of . . hand, Wht the youngens daughter of the elerel.141 Lurd and tifth Bari of Plytoouth, by the was lorth in Li,

 11smoath, in 1833, romained between her lahyulip and her
 the Marcli hess her M.jesty Rus 1 leage to furnunte tho











 in 1834 , But was returned or that borvugh in 1837 . In 1836 he



 the grant-dankiter of the t.ast Eal of Clan*ilizan; an 1 ,
 fifth laronct, in 1854 He was cduch in lidia, and afterwards in the 1eth Lancers He is succeefol in tha tarmeter by bid
 orm the 30d Regiment in 165:, but retired from the service ${ }^{31} 181804$
Str Jasmes Prior, Kit, R.N, Deputs.fnspector of Hos



## fatarkets.



 l'rustully, If tla, will itit aly


POTATOS. Southwark, Monday, S, s. 1 :
During the past week the aitivals cuatrwise havo lical

THE GARDENERS＇CHRONICLE AND ACRIC＇UITLRII，（iJZITTTE





COATS．－Nov． 17 t
 E0s：Wails Luid Eist Hartlepool，ils．gid

Meserr．Fattonden $\mathbb{E}$ Silth report that the markot though quitet is irm，holders in all instancess standing out for
rateg．
Stocke of of all deserfptlons are extromely reduced．

HAY．－Per Lond of 36 Trueses
 $\begin{array}{ll}-26 & \overline{32}\end{array}$


 Whitecibapel，Thurrday，Nov． 18.



## METROPOLITAN CATTLE MAREET

$$
\text { Mondar, Nor. } 15 .
$$

Wo lave a Infgor supply，of Boast；；however，there is a gode is dull for mccond－rate，at rather lower wrices．The number of Shcep if about the same es on Mronday last；trade
 Cffer；high prices are realised，Our foreign supply consists of 1h29 Beasta，3070 Sheop，and 47 Calves，from scotland Midland and Northern Counties．

 Beat Downs and
Half－breds
 －Thuredar，Nov． 18.
The supply of Beasto is shorter，Trade is not very brisk of sheep is also smaller；there is a very slack attendenco purchasera，and no alteration in prices．Calves arc selling about the mame an on Monday，Our forcign supply cousists of 115 Beasti， 500 Sheep，and 231 Calver．


## METROPOLITAN MEAT MAREET，－NOV． 20.

## Best Fresh Butter

## MARK LANE，MONDAY，Nov． 15

There was a small supply of Wheat from Fssex aud Kent to this morning＇s markot，and the male was slow at a decline of 16 ．per $\mathrm{qr}_{\text {，}}$ some quantity being left over at a late hour．
For foreign there was a limited demand，and the sales made
were at a reduction of
 qr．oheapar．There was no change fit the value of Beans or
Pcab．Oata were in rather botter inquiry，at an advance of
 Rure inwer．
Wheat，Fiseox，Kent，SuLitl：Whit

$$
\begin{aligned}
& \text { - Talspers............... } 44 \text { - } 53 \text { Red } \\
& \text { Norfols .. }
\end{aligned}
$$

Bartive grind．© dint，29stosis．Chov． 39 OAts，Freign．．．grindingsind distilling ${ }^{23}$－ 261 Malting －Scotchand Lincolnshire．．Potato 24 －Foreign．．．．．．．．．．．．．．and and Brew RYEMEAL，Foreign
 Peas，white，Essex，and K ent Small 41 － $43^{\prime}$ Egiptia Marze Maple its to 453 ．．．．．．．．．．Grey 40 － 42 Foreign
 Foreign ．．．．．．．．．．．．．．．．．．．．．．．．．．itto barrel 28 － 43 （ 20 Country Fridat，Nov，is
It hat been variable．Foref wather fuppliet of again，since then
per it．Mraize was steandy，without any quuotable of nearly 2 al price．In Barley and Rye harrily anything doing．There $\pi$ shipment．Paris，November 18．－The Wheoat and Flour trad are very quiet，with a domuward tendency in prices．Tho oigh markg are quoted at equal to 355.9 ．
the Halle is estimatea at 6500 owits．
The arrivale of English and foreign grain this week aro modoratee There Yne a Fery poor attendanco at thit morn－
ing
market，and little disposition to purchnase Wheat，efther

$\underset{\substack{\text { English } \\ \text { Irish }}}{ }$
Foralga

| Wheat． | Barlag． | Oata． | Flour． |
| :---: | :---: | :---: | :---: |
| $\begin{aligned} & 2170 \text { qгя. } \\ & 21,410 \% \end{aligned}$ | $\begin{aligned} & 1850 \text { qra. } \\ & -\% 20 \% \end{aligned}$ | 二 qrom 16,880 | 二 ${ }^{\text {skg }}$ |
| 23，580 | 8170 | 16，030 |  |

Liverpool，Nov，16－We had a faifr attendance at our
 and Gd．per sack and barrel lower．Indian Corn in moderat requast，at a deciline of 3 dd ．per qr ．Beans fd ．per qr．lower．
Beriey steady
Ontmooal dull．
averaoes.
nto our principal ports having continued on a large actle they pansed，therefore，in their purchaseb，and the reault has been a very Wretched trade throughout the past weel，at a
deciline varying from Is．to 3s．per qr．on Wheat．Spring Corn of all descriptions has been neglected，at fd．to Is．per gr reduction in value，Flour moved off very slowly at about la．
per barrel and sack below late rates．The arrivals of grain and seed－laden vessels off the coast this week consist of 12. wekes，of whioh，with those left over from the precesing oating trade has becn exceedingly quict throughont the which sro now in courso of distribution），were holding

|  | Wheat． | Barley． | Oata． |
| :---: | :---: | :---: | :---: |
| Oct． 9. | 488 1d | 3850 d | 2418 8 d |
| － 16. | 470 | 881 | 241 |
| － $23 .$. | 461 | 386 | 242 |
| － 30. | 462 | 383 | 230 |
| Nor． 6 ．． | 471 | 385 | 8810 |
| 13. | 46 II | 380 | 2311 |
| Average | 4611 | 384 | 23 II |

SEED MARKET
We have nothing new or important to report this week con－ cernkog the agricultural seed trado．Our marketa are quiet continues，and the result of this inquiry has been an advance of 2s．to 3s．per awt．Prices on the Continent for this deserip fon，as well as for Alsike，aro also on the rise．Fine samples of new bold purple red Clover seed are scarce，and readily command high rates，Trafoll seod excites for the momen iittle attention．Hempseed sells freely at the late advance． New foreign Canary seed，owing to heavy arrivals，is now
unprecedentedy cheap We have a rovived inquiry for winter
 Iust and seeds are withint alteration．

## Wanted，a Nursery Foreman，

REQUIRED，an active，competont，firet－class C FOREMAN，to talce the out－of－door Manggernent of a large nexceptionable references need apply．－Addrest，of lotere onily

I ESSR8．VEITCH AND SONS wish to ENGAGE a噱
 referencas and wage roquired，to the Royal Rxotio Nursery，
WANTED，an active WORKING MAN，for a Small P Greenhoures and the Growthe and Propagntion of Beddions and Hardy Ierbeceons Plantie，ote．Wages，20s．per whek，wlth ortinge


## To Gardeners．

DJANTED，by the Managers of the Metropolitan Vatford，Asylam District，for the ASYLUM at Leavesdon，near and Cultifation of K Kitohen Garden（about 7 ackres in oxtent）．The be required to enter upon his dulies forthwith．Wages，25s，per the handwriting of the Candidates，on Forms provided for the purpose，accompaniod by Testimonlala of competancy，must be
orwarded to me，at the domos of the Mangers，37，Norfolk Street， an given to tho Candidates who may be required to attend the 37，Norfols Btreet，Sirand，W．C．- NoF．8，1888．
W ANTED，ONE or TWO YOUNG MEN，in the


WT YMTPD TWO ar THREE Active，industrious


To the Seed Trade．
VYANTED，a Young Man，as an ASSISTANT，Stato hamary－Apply，in

WANT PTACRS．－Lotter：to be Post Paid
1IR．WM，PAUL begg to announce that he has made farniah Gentlomen with
$\qquad$

## Garderers and Dnder Gardener

W M．CUTBUSH AND SON beg to state that they Whose chametare whlt bear the stiletest inioury $A$ DT Gentione， making application would asio time by aloarly netion the daties to


## 


 （ ARDENER（HEAD）－Age $x_{1}$ Mare
 （TARDENER（ERAD），or GBNBRAL Y


 （TARUENER（HEAD）．－Thoroughly pron
 （XARDENER（HRAD，or no objection ioss：
 Surrey．
（AARDENER（EBAD），where twa




 （ARDENER（HRAD），or GARDENER mit
 Enceat，Somerton，8omerset，
（TARDENER．－The Bishop of OxFORI． ing honeaty sobrtety，and traxterorth，of she bi （IARDENER（SINGLE－HANDED，or CYDE

 Fecommendod by last，omploye
DKOPAGATOR，or FOREMAS．－H
QTEWARD，or FARM JBALIFF－h＝
 good coaracter from last atuation－Brat Ro Row，Cannon Street，London，

$\overline{\mathrm{C}^{2}} \mathrm{LERK}$ ，or $\mathrm{BOOK}-\mathrm{KEEPERR}-\mathrm{Aep}{ }^{2}$






NOTHING SUCCEEDS LISF and it is pecullarly spplcahie \＆difcorary matio curativa of of the humans Rame．In Cuthneoss A SLomach Complafnts，Bile Gravol

The Gardentrg Chromicle tebguaper.
CTURDAF, NOFEMBER 13,1869 .
Mr. WATHR APPARATUS of every description, If two

(1) TASH AND Stove Without a FIue.
 Houser, dc
1 Tose stores burn witm nit ntiention ir replen inhing Fillim tax od. per bas STUVES mado expreandy for Greenhouse to Burs Lithorr





200
CLCCMBER and Mrlon bOAES buh LuGuTb, nit blene, Glized ewd Fuisted complete, rendy for immadiate use, pached and sent to otl merte of the Kir mitom Strodg Zinc hand-Glas:es, all stzee
References to the Noblitt, Geotry, and Trade in most of the Count fer to England.







 I $\frac{R}{\mathbb{R}} \mathbf{O}$


T. H. P. DENNIS \& COMPANY, PATENTEFA.
HORTICULTURAL ENGINEERS AND BUILDERS IN WOOD AND IRON.



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Our NEW HOT-WA'CER BOILER and other Specialities and Patented arrangements are deseribed in other Adpertisements, and alss in our Cataloguc, whieh may be bron application.

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ORMSON'S NEW PATENT ECONOMIC BOILERS.


ORMSOX'S PATENT CONCENTRIC SADDLE BOILER.


ORMSONS PATENT CONVOLUTED BOILER.

 Thres of the Boiler, and not wasting it by Heating Brickwork and Chimmeys, a fault common to the great majority of Boilers now in use. These Boilers are made of the beat Welded Wrougt-iron, of good substance, having no overlapping, plates, holes,
Mease to state diameter and length of Pipe to be Heated.
henry ormson, Horticultoray Buinder to Her Majesty,
AKD HOT-WATER APPARATUS MANUFACTURER TO TTE COMMISSIONERS OF HER MAJESTY'S ROTAL PALACES AND PUBLIC BETLDINGS,




The best Shading is "Frigl Domo" Netting.

PROTRCTION frow the COLD WINDS and MORNING RROSTS.

## Two gardis wide




 J A
 As supplied by theme


Fourth quality
Sisconds
English
The above
he abope pricos include the boxes. od which are $\theta$






 termas Lititio or Prices and kstumatea forwarded or applicatiout to TH 0 Horticultural Glass Warehouse.


 SMALL SHEET SQUARES, 15 oz., per 100 feet








SHRET GLABS.
In 8 heets for Cutting up, averaging from $\sigma$ to 9 foet super. 4 iths
$3 d 8$
$2 d 8$
$2 d 8$
Beat

## 道亂



 STUCCO PAINTS, COLOURS, , MARMISHES, to












 Later of any of the sboro on application. book and nod

H OWLER'S PATENT STEAM PLOUGH


LOORFR'S PATENT EARTFFNWARE



Caution to Gardeners. - When you ast for S prunive and budunia kNivezi seo that you prize Observe the mafk SAYNOR, also the Corporate yark, OBTAM


 SHANKS'S PATENT LIWY MOWERS for 1SG9, SHANKS'S MACMINE
Several important ndvantagos josbessal by no PATENT DOUHLE-EDGEID SOLEPFLACE, WIND-GUARI,


 then awarded is the highest Prive ever given at any Exhitbition for
Lawr Mowerts.

## 

Alvandsp Smanss \&\% Sor have for some tirne pat been making with Steel on both Sicles of ench Blade, so that when the Cutter


 ment enables the cutting parts to last twice as long ns iu otiler
introbnes, where the ingle-elged $\$$ sle-plate inust be entiroly
A Wind Gurd has niso been inn troduced to provent the Mown



CREEN'S PATENT SII,ENS MESSORS,


Every Machina it Warranted to give entire aakiafhetion, and if not PRoved of gan be retarned at onco unconditionally.
PADALS AWARDED to GREEN'S PATENT
 First Prize Medal at the laternational
First Prize Medn at the Mamur Bxhbition
First Frize itelal at the GuDd Exhibition


Gragry Patent lawn Mowers hate proved to be the best, and
have carrled off overy Prize that has been given, fa all cases of
cornpetion




 of tho cutcers apa, ist the bottom hiads, whe ch operation can bo rlone Hactine, whi, ch is fessessed by in other. Hlustrated Price Lists
THOMASGREEX A3D SJN, smithfleld Iron Worab, Loeds, and


L. Eent to all parts of Great Britain upon MACHINE Particulars free by posti. 13 . Fleat Street, London, E,C. ; Cathedra:

The New Vade Mecum (Invented \& Manutactured by CH. 1 RLES B, VINCENT, OPTIGLAN, of 23 , Windsor Tourlits, \&C, to which is added an excollent MICHOSCOPE of great pomer the price. Wontlerful an yuthequn to others sold at ton


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JOHNSON AND SHAWW'S.
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 STRONG Row rady, doziny Brop, priea is 62,

S. AND T. GILBERI'8 large and well










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CHFAP PRTNTS. - A Job Lot of ENGMIVIEO



OMERSET HOTEL, 162 and 163 ,

confort, economy, and contral situation, 18 niot surpeses
THE GENRRAL ILIND DRAI
 Geo. Thoman clark, Es,
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Henry W. Currte, Eeq.
J. BALLEY UENTU


 the Lasidowners in a shorter torm.
No laveatigation of title necossar
 THEL LANDS IMPROFEMENT CUHP John Clutton, Esf, o, Whitchatl Place, S . W



 ECC Watkin Williams Wynd, Esq, MP (Charanc we
 gases and Farma Bumdings, to the Uwners of se tial 1 sis in





## 

THF Court at Windsoz.-On Saturday the (1em sont to London for the purpose of openias Blackfriars Bridee and the Holborn Tincuit Majesty, who was accompanied by Price, left the $1 \mathrm{~s}^{2} \mathrm{c}^{2}$ Prince Leopold, and Pripeck, and retume minutes past $\underset{\sim}{2}$ On Sunday the Minepas Thmily attonded Divine service of 17 natler, the sermon. On Monday the Queen went ou*: the sermon, On boaday On Taesdas the Pra: Princess of Wales arrived at the Castle, nind ies to luncheon. The band of the Roral Hore played in the quadrangle a selection of birlas. I uncheon in honourtarwards returned to 1 a
 House. On Wednesday mormins her Majenty Granville arrived rrom condil, at which Sir lexam day the Queen held a Counch,
Spearman and Mr. Aoton S. Iyrton, as members of the Privy Council, and Ripon, at the Board, Earl De Grey and Bijum
dane the Larl al Brurendoa, hiseount The hisht Hin. A H. L,ayard lad an






tis Ma, theptrenf ha oni we. Ye.ter
si meeh, and remain tro days at the caml
gif ind l'riversen Whafs. - On Satur Loudecborough at searborouce from Proe ant Princess attended Divine Monday the Prince and Princess weut to Ahey, and were Mresen to Lady Maud
of the Martuis of Blandford to lady Marquis of Blandford to Lady
Their leoyal IIighnesses afterakfust at Cluesterfield House. In the I'rnee and l'rincess drove out. thear Ihoyal Highnesses went to the
(H) Thmoday morning the Duks of It.e Prince and Princess at Marl-
In the evening the Prince and In the eventig the Prince and
the looyal Italian Opera, Covent clnestay the Prince, arcompanied b went out shoonny in Windsor Park.
Wiser drove out In the evening their news went to the Prineess's Theatre. On inhe d'Alencon, visited the Prince and
1 remamed to limeheon. In the afternoon and remaned to limeheon. In the afternoon rest to thi Strand Theatre

## shorly be raised to the peerage of the

 - The Fars of Southesk, the Farl of Siry John Acton, Bart; C. R. M. Colohn Acton, Bart. C. . . MColol Grevile-Nugent, M.P. Esq i. T. Agar Robartes, Esq. Trimp
-On Thursday morning
ral. for the nurposin the Chap.
rebendaries numbered 19 , fuor of the
thenal. The meeting was held with nde alter the disnitaries had been absent Lour they returned to the nave of the
mben the Dean announced from his seat dhence to her Majesty's licence, the Dean had elected Dr. Teraple as their future 3 to 6 in favour of Dr. Temple. Thoso nim were the Dean, Chancellor Phillsion of the late bishop, Chancellor
Areddeacons Downail and Wootcoube, nyse and L.ep. and Prebendaries Mackarness
anate of Ox'ord). Hedgeland. Sandes , and Barnes. Those who voted \#ere, -Bishop Trower (the sub-dean), and L'yne.
at the -A Cabinet Council was held on naur in Dorming Street MFNTAR MovEMENTS.-Mr. Ayrton, the or the Tower Hamlets, was re-elected on Xorman Gosvenor, third zon of Lord
be the Libera the sulecession of Earl Grosvenor to the Weession of Earl Grossenor to the
Wing
 Ir Fickers has retirce from the the
Histings in favour of Mr. Kay Shuttleoeral candidate, who is opposed by Mr - Pletion in then of Consersative interest. Lord Thet fon of the Earl of Home, addressed the elperors on Saturday, ns the Conservativo
Bervickshire, in anticipation of the promresent menaber to the peerage. It is
the Cight Hon. H . J. Corry, one of the he county Tyrone, and First Lord of the the Administration of Mr. Disraeli, will Hadreds in conseņuence or ill
Trov of a yoterer Bishop.-It is underthe Benthop of SE. Asaph, actiop under
sen his resicoation to Mr. Gladstone preate is in his soth year and has for ast been incapacitated for businesp.
d Justice Justiceseif. -It is understood at present be appointed to
Selwyn, and that Lord Justice uant to the power conferred the Lord Chancellor and Lord it together.
Birn. - The

Dr Queen has gived orders of Dr. Joseph Dalton Hooker, ompanion of the Bath

Ruar Admiral Hornby, arrived at the Capeon (hat of from Moute Video. The I verpuo) 30 Cape on (hat o, Hophins, the flas shap, walla lit, serew, Coptan



## frorctgu

## FBure- 1 Coul


 Mmbasalor. The rumour of the exibence of a


 supplementary commision of inguiry should be pastituted on the mothetary quacesion, at the same time
 intended for arrieulturs rellues the duty che salt.
 Ing that be accepte the candulature uffered ham for one of the circumseriptions of Paris, and that he will come forward pledged not to take the oath on alleginane to
the Fmpire. Tho Temps, in an artule by itse chler editor, 11 . Nefftyor, characterices the address off of Ledru Rollin as nothing but a brutal appeal to revoli-

 gian front ier, wlien enterint lireuch territory in sirler to apyear at an electoral mecting to lee helid at Belle-
ville on that nught The Fmperor, on hearing of tlie Mr Trestexpresed himsolf it the followina minner:Mis candidature is to be atlowed full freedom to urge his candidature. Although an Irreeoncilabie candithe immunity of a representative" Thie Minister of the Interior immediately ordered a safe conduct to be made out for M. Rochefort, to be valud during the whole period of the elections M. Rochefort
arrived in Paris on Suturdy, nod altended ametn arrived in Paris on Suturday, and attended a meeting at La Cbaspello in the evening. The crowd was enor-
nous, and ho was oblized to cuter the lail by a window. He only remained on the tribune 111 minnites, stating that he would return when repovered from the fatigue of his journer. In a short spee bhe haid he would only take the oath of a leveranee to the Fimpher $n$ order to
interforsd, and great tumult prevailed. M. Rochofort then left the room to go to a private meabing in the
Rue de la Crimós. The tumult continued, and slargo Rue de la Crimóe. The tumult continued, and a harge Wednesday ereninp s meetiog was held at la Chepelle at which M. Milliere, the President, announced that M. l lochefort bad left Paris for 21 hours on an umportant mission, which he is not able at present to reveal that MI Ledru-Rnilin was coming to Paris in two days. Tho Rappel of Thursday Eajs that MM. Beaua Ledru-Rollin o come to for bimself to be nominated for one of the Paris circumscriptions. M. ("arnot has declined coming fortrard as a candidate. M. Emjle Ollivier Ieft Paris on Monday. It is said that many Deputies bad proposed to him the presidency of the Legrslative Body, but he replied that he would not be an opponent of 1 I . Sclineider but was ready to beoome the leader of the Majority should they be willing to assist him in combating revolution by means of and in the name of liberty. MM. Trlysses Parent, Lombard, Lefrancais, and Jules Allix, were summoned on Tuesday before the authorsties, charged with having coninued a meeting after it had been deriared dissolved by the Commissary of Police present. M. N. Lerrancal Parent stated that he should not attempt any defence of an statehich he regarded as legal. M. Lombard protested against the charge. The Court, in con Cornity with the advice of the imperathis imponan ment and a five of 3mif. The mitors of the s., $/$ the Temps, and the Arent Athorat, her a mon candidates to oppose those who seak the anffrage meeting did not result in settling s joint list of candi dates, but it was decided that those who refuse to tak the oath should not be supported, The France agreed to come formard as a candidate for the third circumscription of Paris. The Archbishop of has addressed a pastoran to the charture for lanie, to bo present at the (licumenical Conncll, explanning the utility of that assombly, and refutinn errors which hare been diskemnated on the suhject, The pas which mar be discorered in the relations betweet the Church and the State, thoze relations must be upheld in the form in which they have been settled by the Concordat. The patriotism of the bishops mist be satisfied with wise compromises, which are suflicient guarantees for all essential rights and interests. The pastorat af reps action of thei oolleagues, will vote by acclanation the dogma of the


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 tion to re-introstue tue ('apmathey Tas lu the sting of Tharsdas the propooll dinsandiug the nuppression of the jensiuns fortherto paid to former





 put formarid as a caudulate for the therote
 have lieen atulcably arranged Ite latan has been a eompleter surness The nutionphouns nra slated to be shontit three timps the amount reservad Gor loortugal l'me Brotish floet sathed from lawhan in Thesday for a
lif tailin - The Chambera were of chet on Themiay

 from the flirone $\$ 1$ isre, in repin, explanim that on the present oreasmint the Goviroment fomsuderend that 8 speech from the throne would have been uceless and inopiortune Thesessm beng lamated ly the ayproseh of the elentions for the ('hamber of Item ithes, it would not have been advisable to impede tho labours of the session by discussing an aldress in reniy to the King
An impending modification of the Minstry is spinken ol'
Tue duins-The slones of earlbruake of the alla and "knt ult, wero mont dislmetly folt at Frankort, Weshaden, Warmatadi, Majobre, ()llenbach, Fiteratadt, and hiesoch. The grand focts of the muborranean eonamotion apmars to have been (irozs-


on the table had to bo hold fast by the hand. Duga ran terrfiled to their masters, horses broke loove from their mangers, and mon, women, and childrea ran out anto the streets. The wealtujer inhabilants took the railway train to seek refuge in the adjoining towns the remanoder passed a weary ani auxious nught, istening to the low and continued rumbling beneath their feet, and looking fornard in the greatest terror to the fate of Lisbon.
1'RT'sSIA. - In the sitting of the Lower House of the I) iet, on the th, the preliminary debate on the Budget oommenced. The Minster of Finance announced soveral financial reforms, the most noteworthy of which was a proposal that the whole of the per cent. and $t \frac{1}{2}$ per cent. debt existing in the old provinces should by a voluntary arrangement and by the offer of a premotim be converted into a uniform $4 \geq$ per cent. Rente lebt, the redemption of Which the State was not bound to undertake. The Minister decisred that the Government, presuming that the house agreed to this proposal, would withdraw the bill for an additiona taxation of 25 per cent. In the stting of Friday the resolution proposed by Herr Virchow, on the subjeot of disarmament, was lost by a majority of 215 to 19. a resolution, moved by IIerren Windhorst and Bleppen, asking the Government to use endeavours to reduce expenuiture ior the maer was repeted, as was also the motion of Herr Lasker that the House should pass an order of the day, accompanied by a declaration of opinion on the quertion.
StSONY. - The Chamber of Jeputies on Wednesday Greed, by si votes agzinst if to a resolution proposed
 ian Coufederation tomaris whinizg a reduction of the present military term of service. Monday, Baron Dotvös, in reply to M. Symony stated that the Government had taken oo ateps to enable the troons engaged in suppressing the Dalmatian insurrection to pass through Turkish ferritory, and it was in the matter. In the sittine of Tuesday the motion of $I f$ Lronyay on the Bank quextion was almost unanimotaly adepted.
Datustri-The insurgents on Saturday blew up the fort of stanjevich, whirh they bud leld for the revious fortnight. A column of tronpa, under tion Saturiay, after seversl hours' fighting at the anme ime a detachment, under the ordera of Colonel Seboneld, advanced over the Mama without meeting with ing on their approach. By these operations the ing on the Prapori and Maina, whose inhabitauts Fillages of Prabork and Fart Stanjovich, were partly urat down, and the arman

THE GARDENERS' (HRONICLE AND AGRICTITTRAL GISZBTTF
day the district of Zupp surrendered to the authorities. The troops, after having rested for a few days, During several of the reeent severe engagements, the
Montenegrins occupied their own frontier, and thus partially prevented the incurgents from renssing the son of the Emir of Bokbara and the other members of the Bor hara molsion. His Majesty said be hoped that hincreased bet ween Russia and Bok hara, and added that Rusein had not been the cause of the rupture between the two countries. On the fried dy assurances of the
Emir of Bokhara being communicated to the Emperor, his Majesty said he nieted the fact of the Enir's son
being sent to St. Petersbutg as a pledge of their being se
sincerity.
ITAL - The Princess Margherita gave birth to
a son on Thureday night. Both are donng Melt, The
 day, hat Pro bert was summourd from Noples, and the Duke and Duchess of Aosta, who had, gone to Egypt for
the opening of tho Suez Canal. were recalled to Ithe opening of while the departure of the Commissioners. Italy, Whle the departure of the Commissioners to accompany his Royal Hizhness to Suez, was sus. pended. On Sunday the King was informed of the
serious nature of his illness, whereupon he immediately sent for his confessor, and received the sacrament with the greatest tranquillity, in the presence of Price
Humbert and Prince Carignano. During the day a copious millary eruption appeared, and a sensible and progressive mitigation manifested itself 10 all the symploms of the King's illness. On Monday h1s
Majesty's health bad seosibly improved, and he was enjirely out of danger On Tuesday the King continued to regain strength, and is now progressipo so
satisfuctorily that Prince and Princess
 Humbert, the Pr resident of the Senate, the Mivister of the Household, and the offiers of State left for Nayles
to be present at the confinement of Princess Margherita. On Thursday the Duke and Duchess of Aosta arrived at Tarranto from Cairo, hut on receiving
favourable nevs of the King's liealth, their Royal Hiphnesses set out on their return to Egspt.
Greece -The Emperor of Austria left ithens on Friday evening for Jaffa. On Saturday the Ministry
reccived a vote of confidence from the Cbamber of Deputies. The duvision list showed 93 members to be in favour of the Government, while only tro were recorded in opposition. The remaining deputies TIPREP rom voting.
TVRKRY--The Porte sent four steamera last week to And the Herz
exteysion of ticic Datuatian revolt to the Turkish border setued, and the English and Russian Ambassador
have just delivered to the Porte, attested by have just delivered to the Porte, attested by their
signatures, an elaborately executed map of the signatures, an elaborately executed map of the Russian commisstoners have been working for some years past. It is understood that the Emperor of Austria bas endeavoured to prevail upon the Sultan to proceed to Suez, but his Majesty lias definutively is stated that the British, French, and Austrina Ambassadors have opeued negotiations with the Porte
with the view of freeing mercliant vessels
from the Witb the view of freeing merclunt vessels from the
onerous and disadrantaneous regulations which have bsen in force since 1866 at the entrance and passage of the Dardanelles and Bosphorus. It is added that the Trurkish Government appears disposed to give a favour-
able consideration to the representations of the three able con
THB Holy Land. - The Emperor of Austria arrived at Jerusalem on Tuesday from Jaffia, after 11
hours' journey on horseback. His Majesty was accompanied by several Bedouin chiefs and a body of some 800 horsemen. The Emperor visited the Church of the Holy Sepulchre, and alighted at the Austrian
Egypt.- T'be Duke and Duchess d'Ansta sailed from Alexandria on Saturday night for Italy. The press Eugénie is still in Upper Egypt, and has pro-
 connection with the inargunation of the Sues Oanal day there will be a ball at Ismald. The inaugura originator of the overland route, was to take place at five iron-clads and three despateh boata, arrived at CAPE OF Guod neaday morning.
state that a heavy fall of snow had occurred the C.ipe and a larce number of sheep had been killed bs it. The Tatn goldfields were proving very satisfactory, and weached Natal specimens of richly-yielding quartz bad reached Natal The diamond discoveries on the banks prevajled in Algon Bay on September 19 and 20. Out the Engish harks Argali 11 were wrecked-namely, Samh Black, the brig Duke of Buocleuch the briganMane Flash, the French hark Jeanme, the German bark the Swedish bris the Norwegian bark Spa Siagke, and son, and seven men of the Ses Snake were drowned
The othor orews were saved. Tho bark Amersham was
also wrecked of Struy's Point on September 19, but Parliament and the Governor on the question of retrenchment still remained unsettled. The aying
 anfey anchored in Table Bay, and her Majesty's ships on to Simon's Bay
IN Simon's Bey. firmed. His zephew is supposed to have returned to Teheran.
Uinister, States. - Senor Roberts, the Spanish Minister, bas addressed a note to Mr. Fish, the laid down by Mr. Seward and Mr. Adams in their Controversies with Earl Russell, the United States can stultify themselves by recognising the belligerency of the Cuhans after protestor against the recngnitimn of the belligeren"y of the Southern Confedreace by Greit
Britain and Franer IIr Fuh lias rephed that the
crnment of the TMuter States has as yet no inten-
of recounising cuban belligereapy. He, moreover mantains the doctrine of his predecessor regarding the of the s course taken by Conederacy, and he United States where they have on several occasions violated the neutraity laws. MIr. Fish and the Hon. John Rose Press throughout the country express great regret at The death of Mr. Peabody, and publish hitilly culogistic bituaries of him. Bells were to be tolled, religious made Yesterday in 13oston, Baltimore, Danyers, and made Yesterday in in London. Mr. Robert J. Walker died on Thursday. The National Reform Convention of Jewish rabis favour of adopting modern languages in the prayers, and of introducing modificauons in toe dietary marita, and other laws. Admiral mall-pox is rapin nmong the Indians of Montano and Idako; 500 deaths have occurred among the Grosventre tribe The yellow fever has appeared at Puerto-Principe Equits Judge at Ontario, died at Toronto on Sunday.

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Money Market, Friday. - Britibit Finds
 Reduced, 91 to 91 ; Bank Stock, 237 to 239 ; Exclie quer Bills, March, par to 5 s. pm. ; June 5s, to 10 s . pm.
India Five per Cents, 115 to $1155^{2}$ - Foreign
states $5-20$ Bonds, $80 \frac{1}{2}$ ex $4, v$; Lrie, $31 ;$ Ihunols to 09 .

## fitctropolis anto ft\% V゙ictrity.

THE QCEEN'S VISIT TO THE CITY.-On Saturday Viaduct in semi-State. The weather, though cold, was Her Majesty, accompanied by the Princesses Lover. Her Majesty, accompanied by the Princesses Louisa and Beatrice and Prince Leopnld left Mindsor shortly hefore 11 , and arrived at Paddington station at
25 minutes after the hour. She was received on her arrival by the Duke of Wellington, as Lord-Lieutenant of Middlesex; Viscount Sydney, Lord Chamberlain Lord Strathnairn, Gold Stick in Waiting, in their State uniforms; Captain Bulkeley, and other directors and oflicers of the railway; while Mr. Walker, one of the Assistant-Commissioners of the Metropolitan Police, was in waiting on horseback to precede the Roya cortége on its way to Blackfriars Bridge. The 36th Middlesex Rifles, under the command of Colonel Gordon Innes, with their band playing, were stationed in front of the station, and at a quarter-past 11 , when the Royal outriders and five of the Queen's carriages entered the station, the sceno was extremely brilliat. Several hundreds of ladies and gentlemen crowds of people, many of whom had arrived from the country by the early trains, lined the route to be taken by the procession. Within two or three minutes after the train had reachod the platform the Royal cortége set out for Blackfriars Bridge. Some mounted policeA carriage and four followed, in whioh wero Captain Gevile, 1 Proom in waiting ; the Hon. Colonel Marshal, Silver Stick in Waiting; and the Lon. Colonel leercy Feilding, Field Otficer of Brigade in Wait. ing. A second carriage and four followed, containing Maids of Honour; Major-General Sir T. M. Buddulph, K ( $\mathbf{B}$, Keeper of the Privy Purse; and the Hon. General Grey, Private Secretary. In a third carriage
and four were Lady Caroline Barrington, Lady and four were Lady Caroline Barrington, Lady Waiting; Viscount Torrington, Lord in Waiting; and GeBeral Lord Strathnairn, G.C.B., Gold Stick in Waiting. A fourth carriage and four Wad occapied by the Duohess of Roxburghe, Lord Chamberlain; the Marquis of Allesbury, K G. Master of the Horse ; and the Hon. Colonel de Ros, Equerry in Waiting. Next oame the first portion of the eport of the 2d Life Guards, then two of the Royal horses, and followed by the rest of the escort. The


The station apposite. As the
the Volunteer band
the multitude outside raised a

road near thate, and crosed Fivare Corner it passed Lader the Trams Prom by way of Constitution Hill
oceupied by tho ILousehold tron Qurenour, and their band number of people in Why bite hed every batcony and window Par in Westminster boys had an filled. In Patarem several rounds of hear assombled, and an in lo acknowledged. On Westmingter whils the Foad enthusiastic, as Was the and Lying-ia Hospital in York could leave their beds, stoo tion was made by the pupits
in Stamford Sbreet.
"God Road the band of the Horse G the booming of the sma
of trumpets, announced that
the bridge. The Royal carranees the pavilion which had becu ere number of offiul nersonages sid 5 : assembled, iucluding Mr. Bruge, the $H, \ldots, \ldots+m$ Lady Hatherley, Mrs. Gladstosf politon mumbers son and poitan members. Her Majesty was rax sh in his robes or oflice, atteuded by the s. Hace-bearer; the Sherifts, the Chirman I : Comme Estates Committee, and a moners. Tho Lord Mayor, accord
tendered to her Majesty the sword tendered to her Majesty the smord
Queen graciously returned as a mar
it Fas in good and loyal custody

tue Lord Major the address
The address was not rend, as
written answer. The Lord May Written answer. The Lord May
the Queen the mover of the add the eagincer; and the chairman of the $\mathrm{Br} s$ manuscript volume, hound in psle D D , containitg on one page the Ros the new Bridze, with a border next the descriptive text, and finalis a 5 tac
Blackfrines lridge with the arms of the $1: \%$ companies. Thlis volume ber Isje aceept, and the Queen then deciare
audible voice, that the Bridge ma traftic. The Lord Mayor and
 carriages, and a processinn was frmed
friars to the Holborn Fiaduct, the (uees bringing up the rear. All along the sour. Broithfield and Giltspur Street enormous, and the houses mer mottoes, wreaths of evergreens, covered accommodate comfortably the thou whom invitations had beeu
The galleries were arranged decorated, and were so libera scarlet cloth that something
were used in and near the route the Queen was receive the centre of the Fiaduct, ibe Lo Corporation who had been most motion of the Holborn Falley Improre Deputy Fry then offered for her Irsa a large volume, containing a
Falley Improvements, whech th to He Home Secretars civic dienitaries then retired to the Queen drove rapidy throun turned up Langosm Place to keley Street to Edpware Rand, tion through Holbor:

## Majesty <br> Majesty PM, an

GINS 13 TITE GARDEAERS' (TIRONICLE AND AGRICTLTUTRAL GIZETTE
 argin af the Pbivee of Wales-Tuesday the lioyal standard was hoisted on the the Royal Hall, the General Post Oflice, er were fired at Wool wich, Windsor, and at dectyards. In the ovening the clubs and er illuminated, and the Royal tradesmen he number of 250 , at $W$ bllis's Rooms. The ind snem ty the usulul present of venison sent wend uf his Royal - Manness.

A': Mir.-On Minday at Guildhall intalled in his new offece, and received
on and insignis On Tuesday his lord aces and insignia. On Tuesday his ford-
procowion to Westminster, and in the Lord Mayor's dinner took place as usual
I. and was attended by most of the and was attended by most of the kers were the Prime Minister. the Lord
('hancellor of the Exchequer, the Home Chancellor of the Exchequer, the Home
Ie Grey and Ripon, and the Lord Gladstone, in returning thanks for
Her Majesty's Ministers, spoke as Her Majestys Ministers, spoke as
state of Ireland and on the foreign -
mifort to think the in this iolnnd,
us are nativen, but one seutiment


ountries whose commendations of
expressed to-nlght, we nhould be Irel.and, which we have grverne
over wich wo have oxercised at
yonnderl power, we have not yot
 le.is me to feel warranted
Geernmente must rely on your
.irr fithe trance, we must abore e.tbistinh. We bave been called to
that important crisis in the affairs
$\pi$ hich the minds of the people of sisis in whith the mindsy of the people of
at ressecs more serionsly than pertuan it
towards dealing with tbat problem, and
 power to put an end to that which has
the rpeek on the fair fame of this
the world for so many it the world for so many gencrations. In
 r anted country or to the namo and voice o tech we so familiarly and go qladly
ttee Chumet. Now, prinful ns
hnh Esglishmen bave a merit, it is that
bide whit is fallty in therir condition
vesor others - painful na it is to confess it,
 frich, occurring as they do in
from $a$ general tendency to
and notomety, and strike at the hear deadly chill What may be the causes o
 t 19 the path by whicl, they are to attain to
th in fir the removal of grievances. On the . Me Jin ifts beis hand to harm his neigh bour


Nin ancy to tis dure performance, - namels, the
 haver, encournged sad cheered by the gene
heced at the hands of our fellow Lbrodur task at hotue, and onc word I must
ath it is among the most interestug ker and mort of the worlid acknowledges nutual Euet true-that atrengthenuyg of the tio of interest Cose in frin commerre and trom speeriy and almost




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 country of Mr. lealkis we nre rit likcly h... pharrel It for

 disalussion between the twic comitriva, inf the vers nela anker, has heer a ichty prombed hy kindred gwalwill anmil hy






 pinion, a standard of international conduct hig
than tho stannard which a particular nation seta to year as wo live necessary that extb conntry shrubl com-

-1 know of no change in the whole of the matorsal num mind developruents which wo have witncesod in our time misr
 suarantoe for the permanent goon writy anoff ewhich the
 jour mamories are ful opecial curninision from the Queen to tate to the Lord Mayor sud envey to their minds the gratti. ration which she derised from the maghificent ruception -as Le has been pleased t, term it- 1 at you gal clt
Marriagre in Wegthinster abbey. On Mon Maud doube wedding of the Duke of Hamilton to the Marquises of Blandford and Lansdompe took place in Westminster Abbey. The friends of the bride and bridesgrooms were admitted to the choir, transepts, and nave by tickets; and by 11 oclock the building was comperch side of'the nave was luned with rows of well-dressed spectators. The Prince and Princess of Wales, Prince and Princess Christian, the Dake of Cambridge, and Prince Edward of Saxe-W emna were amoog fides arrised at the mest door of the Abbey and walked up the nave, led, the eldest by her father and walsed of thes, the ounget br heothe the Marquis of Hamilton and accompsnied each b six bricesmaids. One with blue sasher sud blue skirts and whe other set wore dresses exactly the bonnets, and the our was substituted counterpar or bermaids were the Ladies Anne Sarah, and Georgiana Churchill, sisters of Lord Bland ford: Lady Georgiana Hamilton, slater of the brides the Ladies Catherine Anson, daughters of Lord Lichfield, and granddaughters of the Duke of Abercora; Lady Emily Fitzmaurice, sister of lmrd Lansdowne, the Ladies Victoria and Abertha digcurd Lansdowne. The brides themselves were plainly but tastefuly atired in high white satin dresses with long Irish lace over them, sud each woresiorm in pearls. The first part of the servee ward winthealey the body of the chancel by the har insan rion Russell and the Rev. Lord Jobr Thynile, assisted Jones the Rev. F. Harford, and the rest of the cathedra









 colonel and atis (imednte, lads Ruspll, the fon Hora Msedenald, Lard and I ady Allimbury the the luehess of Marlborough, Lard and Lady Welden,


 Mre, Butlor, Mowrs Hownd, Meats Curzon and Janly burham, lamd Gonga Ilamithon, Lard C. J Jamation, 1 lmiral Bathe llanatom, Ac On the return of the medduzk jarty to the readence of llouse, South Audies sitreet, a sumphume breakfant
 Wales, the Inuke of Cambrise. Pr neenatil

 Blenhenve ropprectisely, ampld the rheers of a large erowd, wheh, filled the Enitheren end of Nath Audey Orevial of the HoLhehn Habi, T-OMI Mon-

 carchaze tatur las eteming The fine readway had not been open many minutes, when (abs, carts, and wag



 fooppath from the roadmal The two naxt Flest
Street, on the west, or Holhorn end show fiesures nearly from top to bottom. The lower portion second columtr is so dangerously split in two places that it is evidently only a quesion of lime before the the a hole mens wermes to the ground On the onposite side of the way four column are alferted, those at the ends only remining intact. The simaler blocks as yet, but they have been all brohen in iwo by the pressure upon them. Tho cracks are very extensive, with edges sharniy defined, and run irrepularly from top to bottom The cause of this misfortune is that the graste is deffient in the density requisuperimeumbent structure, bat the vibration of the enormous traflic. In places the substance appears to enormoust spongy, and where the crack a appear preces can bo chinped away almost with the nail. It is stated that one of the columns split a week belore the opening of the Viaduct. On Thursday a report was made to the Corporation Improvement, Haysureer, fitated the subject, in his opinion, the structure is perfectly safe for raftic; but suggested that three eminent engraeer should be requested to eramine and report on the matier. n . me commated Messrs. Bidder, Clarke, and Harrison to examine the bridge fortherith
Opretno of New Brtckfriars Betdge.-On Tupeday morning, at on oclock, the new bridge a
B1 and carriage trattic. During the morning the crowd on the new bridge examiniog to be partially used to the temporary st
Foneral of ifr. Prabody. The remains of Mr George Peabody were removed yesterday from No. Bart. - to Westminster Abbey, where a funeral sorvic Fas performed at 1 oclock, in the presence of a great E. Gladstane, Eurls Clareadon and Granville, the Zord Mayor and Sherift, the Dean of St . Paul's, and sereral members of Parhament Tue hearse was followed by a long line of carriayes, including those of the queen Coder-SheriTs, Miss Burdett Coutts, the American Minister, Lady Franklin, the Ducbess of Somerset the Marquis Townshend, \&c. The route taken
was through Hobstt Place, Grosvenor Gardens was through Hobart ${ }^{\text {Victoria }}$ Street to Westminster Ahbey The service was performed by the Sub-Dean.
To-morrow afternoon the Bishop of London will preach sermon in the Abbey, in honour of Mir. Peabody' memory. The body will shortly be removed to
mother; and in order to mark the national sense of his | river after the high tide of the preoeding Wednesday noble benefactions, and to pay a fitting tribute to his very little water found its way into the docks and memory, his remains will be convesed to Americs in the Inconstant frimate is being. prepared with all dispatch, and a fittine, mausoleum is being precter on in September last and the eeceutors named are Sir for Hackney
Tue New Chief Covmissioner of Tobis.At his re-eloction for the Thwer Hamlets on Monday, Mr. Ayrton spoke as follow
Commissioner of Works :-

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 perfurblid
they said he ought to perfurm the like fanctions now na thig
metropolif, and that he wig not metropolis, and that he will not qualfied to do so. He did
not believo that any zensibl body of Englishmen who did
not belung to that school would agree with that ; ard he

 Way in whith they write anoorsmululy in the newspapers
nad they sald ho
sculptor

 brought up to ainy of thiso calinkst If the member of the those callingh, it was clear he hught to be the best man in his professhon: and unleess thes got in thrt House the best archi-
tectat the best sculptors, nind oo on, the only result would be
that they would ket an inforior ncchitect anil peulptor to look after all the architecta and seulpterchst in the comntry; nod
insteal
wores


 were well served, amil that if they hat to my tax es they got

 taken out of the national taxes which be did not bellere was absolutely necessary. Well, If he har any particular qualificas-
tlon for performing that duty, he had to somae extont acquired river at Nine Elms, Battersea, Chelsea, and Wandsworth were able to resist the force of the rise hy the construction of small dame, A large portion of land covered with water, which, at the former place, found its way unto some of the strcets. In contrast with the
high tide, there was werry low one on Saturday, and again on Monday. So low, indeed, Wrs the water that Companies, in endeavouring to get to the piers at Waterio, Westminster, and Charing Cross, went
Thr Open Space npar the Mangion Hot'se.At the meeting of the Metropolitan Board of Works
on Priday a report was presented from the Works Cormmittee, stating that they had considered the memorial of bankers and others of the rity of London,
prayine the linard to preserve the eround onposito the
west citle of the Nansion Honse as no open spme, and recommendine that the memorialiste be informed that Bridge to the Mansion House is a duty devolving upon the Board by Aot of Parliament, and that it is beyond their present authority to accede to the prayer of
the memorial. The recommendation was asced to
The Red Jicket. -The ship Red Jacket, belong-
ing to Liverpool, bound from Cardif for Bombay, and for the safety of which epeoulation has for some time She sailed in the middle of the heavy aqales of September. and sundry wreckage and a name-board marked "Red Jacket" having been picked up ofl Penzance, Was supposed to indicate the loss of the ressel. This uncertainty brought the case into the premium was at length rquoted to effect re-insurances upon her. Many underwriters were induced to part with lines at 50 which they had taken at five guineas. There was, however, no evidence of her loss, and her safety has now been conflrmed by her having been Bpoken, on Oetober 6, off the Cape de Verde Isisadg.
Britisic-Indian Telegraph Eypedition.-The Great Eastern steamship, having completed her coals, to the amount of 10,500 tons, at Portland, loft on Saturday, at if P.M., on her voyage to Yndia. She was last reported off the Rill of Portland, everything working admirably, and the ship steaming easily seven knots against the fresh north-west cale of the evening of the 6 th inst. The Chiltern left the Thames on
Sundey mornive with another portion of the Red Sea Sunday morning with another portion of the Red Sea cable, and joins the Great Eastern at Bombay.
The Albert Life Office.-The scheme of the pany to faclitate the obtaining of new policies in an
old-established office has been submittod to a meeting nroposed by lord W..llam IIs. seconded by Mr. approving the scheme, and recommending its adcption by the policy-holders generally. The details will be communicated to the policy-holders in the course of a be further heard by Vice-Chancellor James on Tuesday on the question of reconstruction, when a furtber adjournment was asked for on the ground that the adjournment was asked for on the ground that the subject. The Vioe-Chancellor allowed the adjourn-
The Working Men and the Colonies. - On Monday in about a hundred different parts of the metropolis, working men solicited the signatures of passers-by to a petition to her Majesty, praying that
steps may be taken to enable the out-of-work class to emigrate. The petition also opposes the policy of abandoning our colonies, and, in conclusion, prays the Queen to at once call Parliament together, to take the subject into
The Govbrnment and ter Frinat Prisonerg -The English Amnesty Committee have resolved to advise the people of Ireland, the Irish resident in the United Kingdom, and English sympathisers, to abstrin from the use of tobacco while the Fecian prisoners are effect in cinfinoment. The Committee hope by this to Mr. Lowe, whom they in the revenue as will convince Mr. Lowe, Whom they consider the obstanle in the Cabinet to the release of the Fenians, that the case is
a serious one for his departuent. On Tuesday night a serious one for his department. On Tuesday nikht the following order was issued by the Committee to
the Irish readent in Iondon, and was eagerly signed:

- On and after the - day or any form is to be consumed until such date as that on which all the political prisoners shall be released from
rustody. Issued and approved by the Amnesty rustody. Is
Committecs.
The Poor-laty board and tife St. Pancras Guardans.-On Tuenday a very important decision of the Poor-lay Board with respect to the parish of St. Pancras was made known at a meoting of the guardians. A letter wras read stating that the roluctance of the zuardians to increase their infirmary accomodation, and the disprites connerted therewith, interfered so greatly with the due administration of the relief of the poor that the Board had determined to issue, as the adjoining Central London annex St. Pancras to The commungication contained a detached statement of the facts which had led to the adoption of this course. The letter was referred to a committee.
quest was held on Monday on Infirmary.-An inquest was held on Monday on the body of a costermonger who hail died in the infirmary of St. Pancras sumptions, and could in an advanced stake of con-
medical testinnony proved hastened by the foul saved fiet
of the ward in which he
president of the Royal




 adiourned atmosphere, au The Late Case of Shootivi, cuesday Henry James Tuckir. at
caused the death of a fellow workman firing a gun at bim, without knowna ${ }^{2}$. $\mathrm{H}_{73}$, whether it was loaded, was conumitte; "Death by misadventure"
The Public Healti--The Weet ive onded on Saturday
 Was L , 21 in E dinburgh, 20 in Nab 22 in Birmingham, 20 in Liverpma 25 in Hull, 30 in Newcastle-up Glasgow. In Paris the annual 2293 children, were registered du orresponding weeks of 10 year number, corrected for increase of por 172 , of which 211 were from scarlet 4th week of the year, and the average number The prese
arount.
+ 

 the occasion by Professor Sir James S mpane
burgh, and by Dr. Wilson, of Alats as. Tra Sunday, by a singular coincidence, tha ha
day of the Countess Percy, who on that ds yan
her 20 th year. Cardiff. - Vice-Chancellor James on F-a it having bad an interview with Miss Ethar $L$
ascertained that she bad become a Cur 4.15 to appoint a guardian to the joun sis
directed that she should remain Fith $\mathrm{Kr}_{\mathrm{i}}$ an
enable enable the father to test his rights by s $\mathrm{mr}^{\mathrm{r}} \mathrm{N}$
corpus at common lam. It was stated tha
the the intention of the father
meationed by the judge, an remain with Mrs. Keep

## berland lias just been completed in this $\mathrm{C}^{\top} \tau \mathrm{I}^{\circ}: \%$

 of $16,000 \mathrm{l}$. Esther Davis, the wife of a calied Biaendaed. The house is situr pumpsaint on the Carmarthen and Cs railway About hoif-nast 8 oclock
 preparing supper, when some Through the window. The
 roo
20
at
ser
g behind. the plae bullet was subsequentls fore the was stadin It had entered an inch and a has since been extracted, and is an in in marks of the murderers feet, On receipt of superintendent of the Carmart scene of the murder, and ஈere enza? of the niglit and up to morning in investifatiog of the husband was taken into against him homever that the
woman being oul only a fery weeks, and husband, who is a ma
was absent from the
committed. Mn Nond

Is cun found in a turf heap，but has still conneoted with the temant－right aptation that his gin hall been lent to Meetmes mere held on Sunday in lougha），Millstroen buel lound ta be correct． n Monday，when the jury Wifful Murder agamet sotue
eral of the Mar fuis of West Monday at lia ．ecton（mareh de cerentans was as jrivate as $:-{ }^{-1}$ the erize arrived at the nato pant l，there were not less
and 5 mots：The mourner：were met ter if be leton，aceompanad by

 al lond hediarl（irostenor，as the tarl of Wision，tollowed by al aseats emnerten with the I！count l，a．I ili．e leading enti－ wourners．Dur．ag the service
－um Thuralay morning the barque 1．ra，Ciltan Priuce，with wheat for nr．$h$＇the eaptan＇s wife two of his ir．ir antors perished．Five sailors ile breitwater on pieces of wreck． dindal，at a consider the stagnation of arder to colution against the free－trado if a Government inquiry into the fir unrecipocater free trado or a fir uncolprocated free trade con－

## Wednesday night Mr．Forster

 Loundit the Endowed Schools Bull met，to endow new schools，and as ：wisal cducation he was most hoperul， awease and couscience of all interested 4．An and produced a spirit of compro－ $\therefore$ ato detals，he felt certain that some 2：oust sooll paas an education Bill，and he ancton pushed them forward in tho matter． $\Rightarrow$ ungetion of education，he adrocated tobe taustit to boys who are obliged to

 St M．chacl and All Angels，at Swan－
tomn，ons of the most nidvanced If E Wix woing thes south of England． $\Rightarrow s$ ：bliged to discontinue some of the is bospric of Winchester was declared
－vis rlay，and its voidance is supposed to is ufel of removing the inhabition；and Ifome Gooderige and Wikins at once
tome posts，and took their parts in the toner rosts，and took their parts in the
Sind las last，the Rev．J．P．Goodridge acting as subdeacon at the third $p$ of Winchester against Mr the practi er came before the Dean of arraing．In application was made on 1．fndant to have the suit dismissed，as i deule，notice．must be glven to that
－The inquest on the bodies of the iok ers killed by the explosion of the
the steam quiboat Thistle was con－ May，when the jury returned a verdict Wre in the bouler was caused by ＊．Tesult of a dealer was caused by Lus evidence to show the cause；and
Tas well constructed，and of proper multary honours，in Chatham burial wither was buried on Tuesday at $\therefore$ sten others who were removed to the antion has been opened for the relief
n Thursday morning，aboutone o＇clock， （ ind．The bodies have not yet been －tlen up in ore in the pit for four cexplosion is un exhaus

## Fretano．

Rra，－The General Synod of the Wednesday，under the Dromore was dincese，for the purpose of eleoting ad the Gor the purpose of eleoting avened by the two Archbishops． adjourned．The organi． he holding of amnesty febumed in the holding of amnesty co mastances the south with increased
crove，and Kichoms，where the memory of l＇eler betmeen，a Ceman，who was shot tea？in an egenmter
 1．Heat？Issuctution and Inal In habion the rival

 faces，di thed thay neuld hato tem mone hambug smanded the lanups and furmiture，tore upe the papmer－ aud carried ot thim munto－book At a nuectapo of the Mr．（ialatone waserford on Tuesdas，a letter from， ammests memorial transmiteal them by the Corpo


 nuces state that badail of a very dangerous nalure reaymenendiug the inurder of landlords athd the nom gatuermus．Sumpe of the sioners were ars and rura brought before a masistrate at Clonmel，but imme－ d．．．tely do－hreat．The poluemen who took them into custaly，it in hated，were houtel whitl thes t ion refuge in ther hara．ks．
 the point of fighiting a duel last week，in consequence mectings．The used by thim at the recent ammest mextings．The challenge of the former mas accepted
by Mr．Mojre，and the phace of meeturg doctucil but at the last moment thae seconds induced cho prin－ cipais to make some ooncessions to each other，and their honour was satisfel
Atrbupted Assassinition in Tifperbiry：－Au Mr．Thomas S．M＇Idam，Fevdin＇noar Newport， Trpperary，it resembled in some respects the attempt upon the life of Mr．Brett，the county survey or of Limerick．Mr．M＇dedam was sitting at the fire in liss parlour，when a sliot was fire through the wadow The bullet passed close besido him，but ho ceraped unlurt．On the following day he received a letter， Written in confused terms，in which he was tuld that
his ancesters were traitors，and warning him to not only sell his place，but leave the country with his fanuly within a month，or he would bo a dead man It is impossible to say at present whether thas was an agrarian or a Fenian outrage，as Mr．M＇．Idam was
neither a landlord nor an agent．No molivo can be assigned for the outrage．
Caliarshination in Curb．－（）n Sunday night lavid
 be quarrelling，a show was lired，and two of the mon decamped．One of the reasamig two then lired about one Lour afterwards，with two wounds in the
head．The murdered man was a known Fonian，and fit is supposed that he was killed for some breach of the Fenian code．At the inquest on Mondsy tho jury returned a verdict of Wilful Murder against thre persons unknown．
Thrbatening $\triangle$ Priest．- The Rev．Mir．Guinty 1＇．P．of Moynalty，county Meath，has reccivel a threatening leiter，in consequence of having lenounced Farrell that the rev．gentleman on Sunday allied the attention of his onugregation to the faot

## Stotlanio．

The Scotch Educatton Questron．－At the dinner of the directers of the Edinburgh Philosophical Insti－ tution on Saturday evening，Lord Moncrieff（Loord Justice Clerk）made the following remarks in regard to the education question
＂I do not think the dificulties in the w．aly of the settlement
of the educ
of tho not think the dificerlties in the many of the settlement The religious question ducs nut stand fin the way of Scontish
There educention ：there is no such difficulty presentiag itaelf for thas co intry．There are no mountinulis 212 the pith；there are

 could tompel it，or malke your rosd sound it．It was over a molelillt，I think，that Willate 111 ＇s borso stumbled aud trugit that groit pritentate to his chms We mange the over it ；and if the molehills can only be levelled also，there is nothng to impocio the carrerr of butingh Euviation．I hate
only one mortification in learing publle life．It in not that I h we not succeuled in carryilg a measure uf olucation for this
country－though that，no doubt，would have boon a graan mand glorious nchieverment，which I should hnve been proud to havo had my namo conzectod with，－it is that，with no dificuitien
to speak of in our way，we are going to lot Englavd pet prece－
 however，that in other hands that cluse may succocd，nad
that after all we alhall be able，not to follow，but to sut the example to the alibter country in the questin of ed 1 cati n ，
M．Pretost Paradol in Edinbribgif．－M．Prevost Parodol was a guest at the Elnburgn Palyig to the Institution dinner ou said that he was deeply moved at the concord and loy alty shown when the Queen＇s name was pronounced，and at the suncere emotions of joy exhibited on a telegram being read announcing and Queen＇s progress tarough lon anfied angthing for hie country so much as seeing them so united living in freedom and prosperity，and with the honest pride of being freemen．
he Lord Provost of Edinburg fr．－Mr．Lav bas been unanimousty elected

## axiluaps．

 the asionrheed in hext on the three pernowas ahod by

 froma the sac．den tal she filise of the poasts by the
 made from 11 ati，int to 1 Ifriturd．

Obtuarp．

ftartats．
COVEVT（GARDEXージ， 13






## 





Potatos，－ 8 vtriwark，Mminy，Mut，$R$
During the past week tho arrivaly cxat，wise nind by rail




EXGLISII WOOL
The market for Faztiah Hools has maintalned tho samo Colonial deqcriptions，thes．ales which opened on the lith inst havo extalilished a further improvennent of about Id．per th．
on the hast sugust meries，makfag an average recovery of ahout on the liat sugust gerift，making an averager
15 per cent．ou the lowtst purioul in May list．


Holywell Main，lis Gis，Wcat Hartley，1ise．Walls End
 24 ；fold 21

HAY．－Per Load of 36 Trusges


METR JPULITAN CATTLE MABKET．

$$
\text { MondAy, Nor. } 8 .
$$

The supply of Beasts is minch sborter than on Moviday last prices are ratice lighter for nll kinds，hut tratie is not brink There are a chocest qualitiea are，bowever，rather dearer．There are very fow calves on offer；they are readily digposed of a
higher rates．Our foreign aupply consliata of 1967 Boasts，

## THE GARDENERS' (HRONICLI: AND) AGRICLLLTURAL GAZBTTE

 Northern Countice. ${ }_{B}$, d, d.

Best Scots, BereFords, \&c | 2d quality Beayts |
| :--- |
| Beet lowne and |


 Theradir,
Thue nuniber of Pisasta is cinsiderably Pryer thrn or

 and 5 Pg .

 ${ }_{2 d}^{\text {Best }}$ Subilty Euthorns 2d qualty Beants
Best Downis and Haif breds Do. Shorp
Beasts, 1133

## $4-4$

## 6 - 5

Do. suo
Latiby
Cares

MARK LANE. - MONDAY, Nov. 8.
Thero was a moderate supryy of whent from Fasex and



 were unch higed in calno The Oit trade was dull, and s.les
could only bo effected at a decline of fd per qu. For Flour could only bo effected at a deline of bd per qr For Flour
there was vely htitle demandi, ould prices weve ratier cheaper.

 Forcigu



- Scotch and Lunculnsilic
e. Potato

Poland and Brem ${ }^{22}$


Matzr
$=\frac{2 \mathrm{dd} \text { ditto. }}{\text { Foreign }}$


## $\cdots$ ditto $33-44$ Country

## Fimbay, Nor. 12

Since the 5 th inst we have had fine weather, but the tem perature has gradually gone below the frezzing point. A
contunuation of lare foreeion eupplics of Wheat and Flour during the past weck, considerabis in in excess of the consımp. tive deniand, has pressed heay ily upon the markets of the
kingiom, cuustigg a slow trade, and, where zales were forecd a further decline of 1 s to 2 s , per qr. on Wheat, both Fnglish
and foreign. Prices of spring corn of all descriptions have nloo had a downward enclency, nad we must reduce the
quotations 8 d . to la, per qr. generally. Mour was much neglected, and fully is per sask and barrel lower. Since
Frday latt 50 grain and geed laden vesaels arrived off the coast, of which, with thosd left over from the preceding week,
there remained for sale last night $\$ 3$ cargoes. TLo floating there remained for sale last night 33 cargoes. Tho flaating sellers. Arrifed Wheat has receded fully ls. per qr. Maire
closed fteady at a slight reduction. Dirley -none off the coast : and only one cargo of Ryc changed hands at late rates. Qhipment
good arrivals of Euglish graio this week are very amall, but good of forefgr. There was a thin attendance at thie roorn
ing's market. English Wheat brought Monday's quotationg. For foreigu there was but a boor daming Monday's quotationa uncbanged spring com was form at late rates.

|  | Wheat. | Barley. | Oats | Flour. |
| :---: | :---: | :---: | :---: | :---: |
| English. Irich | 960 qra, | $760 \mathrm{qras}^{\text {a }}$ | - qris |  |
| Foreiga. | 26,070 | 3530 " | 48,720 | $\left\{\begin{array}{l} 1380 \\ 8280 \text { bris } \end{array}\right.$ |
|  | 27,030 | 6310 | 48,790 |  |

Liverpool, Nov 9.-We had a good attendance at our
markct to day, kut the transactinns in Wheat were of a very Fier cental for all descriptior en the ratcs of Fridey Idst per barrel casier than last market dey. ledian Corn dull, and mast Friday's prices were barely naintained. Oats and Oat meal nominal. Egsptian Beans in small request.

Averioes.

|  | Wheat. | Barley. | Oats. |
| :---: | :---: | :---: | :---: |
| Oct. 2 .. | 498 8d | 37s 8d | 24 s "d |
| - 0. | 48 1 | 380 | 248 |
| 16. | 470 | 381 | 241 |
| - 23. | 461 | 386 | 242 |
| Not, 60 | 46 | 388 | 230 |
| Not. $6 .$. | 471 | $38 \quad 5$ | 2310 |
| Average | 17 | 382 | 241 |

Our markets lave beeu very thinly attended during the exceedingly fimited; indced, as is ustrat anaticted bas been



 meets with a Brial demand. The Rape aeed trado is firm There has becn an improved inquity inring tue weik
winter Tirse ; they can now be bought in our market at from
 MOPS-Bororgh Marhet, Nov. ly
Mesarg Pattenden \& Smith report the mirket sometshat qututer though hron, holders in all instances standing out fors ull val 1cs. Contincatal makets are somew hat higher, the

## WVAntre to arateare

7 Haled, by the Managers of the Metropolitan ad Cutiration of a Kitchen Garden (about 7 actes in extent), Tlite
 strade, not later than Wednesday, November $2 t$ Due notien wil
be given to those Candldates who may be required to attend the
Commttee By Orier.
1' ANBA. SMITE are in WANT of a COMPETENT 1. HAND for Groming Pelarzoniums, Calceolarias, Cinerartas se, and othar Sof-wooded Plants, Salary progressivo. None but
onergetlo and perserorrng persons need anply, Applicatlou by


## Gardener.

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Midd.esex.
WANTED, ONE or TWO YOUNG MEN, in the


 DACKER HANTED.-Apply, stating age, weges DCKequred, and whero lakt or af presedt employed, to JAMES
W ANTED, a Lad, as JUN1OR CLERK, in a
 Merchant, $\overline{\text { Br }}$ Aldrate, London, L .
Cowman and Dairywoman

WANT PLACES.-Letters to be Post Paid.




GARDENERS. H zhest
jastanee, to DAV
Fark Nurseriea, Edmaburgh.
$\mathrm{M}^{\mathrm{R}}$
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( AKDENLK (HEAD).-Age 28 ; thoroughly experl-montals.-A.B., Wm. Sags, Gopsal Hall, Atherstone, Letcosterghire (AKDENER (HEAD)-Age 33, married, one child


 (T-KDENEK (HEAD).- Middle-aged, married, no Pines, Vtries, Peaches, Melons, Ciscumbera, and Planas, the Mrowing

( A LONवD.
 Gandoper. Hatisfactory rensous for leaving - -A. M K., Bisbrooke (YR1UKNKU
(YADBNER (HEAD), or Single-handed.-Age 40 ,
( AKDkNELR (HEAD), or GARDENER and BAILIFF Ofperlocion hio marriec, be family; has had thorough practical Poit OLice, Xaides Fioreton, Buekithgham.


EEDSMAN, or BOOK-KEEPEK-


## GHOPMAN, or To the seed Trade


QHOLALN, or BUUK-KEEPER-1
Wexparience Gcod koowedg' of "ane
Wellwood, Bradge of Al 3 an , S K
MHOPMAN, or ASSISIANH: - Ag
WHOPMAN, or ASSISTANT- - tre?


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 CHEAP PRINTS．－A Job Lot of ENGRAVINGS an




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## 街口隹 xctus．


 M．and Madame Van da Weyer．The Price of Wates wards returned to Marlborotel Honso．The Marcu： of Masbury，Lord Lyons，and the Enrl and Conatow， of Matmesbury arrived on a visit On Saturday tho
Quen walked and drove out．The King of the bolvians role on horsebark with Pr，ner in loniv．The
Iarnioges of Aile bury，tho French Imbas Eurl Granrille，M．and Midame do Fatts，tho Right Hon．J．Bringt，and the Rev．C．Kinguley arrived on a
visit．On Sinday morning the Queen and Royal funily attended Divine service on the private chapel．The Rev．C Kingley prardherl the sermon．＇The King of
the Belanns and Princess Cintidue went in the Koman（atholic clapel at Busly．Count
Lavrado（Portnomese Mnitar），M．Do Bnalian
 On Wondey the rquen trown nut．Tho Jine of the Belpans left the（astle for Lomdon．In tae eveniat Princess Lanisa and Princess Peatrice hent in a danco
aiven by Mad Mame Van de Weser at New Lodge．On Tuesday morning the Queen went nut in the Home Park with Princes Loulia．Prinee Cliris－ rrove out with Princens lieatrice On Wednentuy the品en walked and rlrove in th．0 IFome Parh，On or Foremgn Aurirs；Comat Lavradio，Iortuguese nimister，Lord Boomfield，Imbassdor at Viema， nd Jinrd ．Lugustus Lofthe，Ambesder at Berlin， arrived from London and hal audences of the Queen． Weterday the king of the Belyians arrivel at
Windsor，at two oolock，on a vicit to tho Quen， Windsor，at two oclock，on a visit to the Qumen，
and returned at a quarter past threo to andon Mer Majesty was expected to leave Vindsor Castle yesterday alternoon for Claremont，whero sho will
 The Prusces of Wiales wan saedy，deinered of a mornins．Fuo latest hullctin sulued yenterday，signed
by Dr．Farre and Dr．Sieveking statev that lier Highners has had several hours of tranqual slecp，ani？ is going on as well as possible；and that the infant tired yesterday in limour of the event
 On Saturdas the Pris＇e wrat out shontion in Win wor Park．On Suaday the Prime amd Princios attended necial court of the frowtrint of St．Bertholousew

 Royal Hizhness returned to London．
he king of the bflgilisa Inft Windsor on Monday for Lowdon，and took up his resilence at Claridge＇s Hotel．On Wednculay his Majerty made a Distrirt Rathays，from Westmincter lir lye to the City，whrme he rinted the new Metromot，an Meat
Market at Smithfield，and the Holborn Viadu（1） Thar lay the Kitig pro eeded to Burn in thum Palace
to remve adile the United Kinedom，and from the oflicers of Folun－ teers．The first address，signeel by 300 mayors，lords－ towns and counties，welcomed his Majesty to England，and acknowledged the hospitality with which the Volunteers hard always been recnived at


 dessiou from the Mation If，ine，throug i fan on Street，Strand Charin？（rous． 1 ，Miln Parl，to Buckinglam Palice．At Warlhoruligh Inuu－ they，were joined by anothor branch of the procewion， magistrates of Ene majors and ex－matyors and chicf attended by their mare bearers，who proceeded fro＇n Jamest＇Gate，Hyde Park，along Piccadilly and St． dames sirent．Captain Mercier having read the in any sense tord Mayor said that therr object was not of that nation political one，but simply an expression of that national good feeling whirh they hoped would
always exist between the tro nations．The Kine in always exis
raply，atid






## 

## representing her I［7］nty tho Ioreign imblazador－



 his Grace was serioustry ill，oln II
clisht improvement．On Tan that ae had pamed a restlen，h，
weak．Mr．Haden math alter．．． Joak，Mr．Haden mat and and had a consu
Messpo．Walter and Rove． Messps，Walter and Rave
innurd statirge that thro
in hlo Graces stat mhlu－Grare＇s state
that ne lat pancula

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was mantanned．Yoster． that there was acain a slac＇t bishop＇s illnesa，the $T_{6}^{\prime}$ ，ims athority that，after a Cwhurms vulsivo seizure whather on，
 Lurert abs，that is hout onteris deres inat the condition of
Texe Jedichat Bencif．－Tha death of Mr．Justice Haye
 trial of election pet．tulle PaRIMMEARAKY Novinents，
election tarminated on Throday in ta： ment for treqs m－felony
Wr．ILeron，Q C，the Muate returu of Sir II Wr． 13 rrma li
Mr．Bernal O－borne．Tue Ab Mr．Gordon by a majnrity of adopted os the Liberal candudate for（y） Sir Sidney Waterlow has jssut an
Ministerial candidate for Southwath． Mr．Ipradlaust


The Elffeton Commonini－Mwoms Pifzrera $\because$ ，the Cheir aubmissions contempt of aworn and examined，tha Comamsisters Lamio their discharge from York Castle，Wuete is $\cdots$ ronfined．In converuence of the repurt el the Comm winners reapecting nerwin－mint． Mr，Fidward stramp

## Mir．H

Trie New Plers－Colonel Mratuel 1 a boing rased to the peeras
Baron Castletumn：Lord Lotowe Edward Ioward．Izaron Howar rilya， 13 aron Wolverto

## Robartes．

Tile Coyetrvation of Dr Teyple Trower，sub－dean of Dxeter，assisted clergy of the diacese，and by a london conam tir determined to obpose Dr．Temple ou Cin written by the Archbinhof of c＇anterb before tis illneas has been published，m public expression of has
 Which have been

workmen dyag for Ireland, Abrabam lamoola as a


 ral in, M. Suhoelder stould be brought forwand as

 Commerce, convokiuz a oluter rouns. it .a the ree

 1he Treaty of isin in Impria, deere las limen to the rank of Grand Cross of the Lesoon of Ilamour, of consideration of his serfices in phereng the lsthmus: of Suez. Tha Cmiers pubishes a letter froms the
$\mathrm{B}_{1}$ liop of Laval, deplorimg the publazion of the

 Bishop of Orleans to M. Louis Veuillot, the ohief editor of the Cnicera, in which the Binhme strmaly blames. M. Veullot's conduct in relistous contra-
versies, and aceuses him of agitating and disturbory the versies, and aceuses him of agitating and diturbong the minds of the faithful. The Binhop of Mame. lies in a pastoral to the clersy of his diovese, recommends the
letter of the Bishon of Orleans, and says that he could letter of the Bishop of Orleana, and says that he could
not express so powerfully sentuments whel are lat own, and that the clerey of his droceve will seo m Monsigneur Dupanlouf' letter whih what prutente it is necessary to consider questious whith have heen raised so inopportunely, and hom 11 the heart of Mumsigneur Dupanloup lis love for the Pope as minkled with liss iove for the Churel. A Free Irate neecting, attended by hew persolls, was heeld on Thur-day at Burdeaux, when resolutions 111 favour of free fata states that the bods of the elder Riurk, which hasi been so anxtously searched for sinco the Pantin tragedy, wes found at that place on Thursday
Spain.-At a meeting of members of the Majority of the Cortes on Tuesdar, General Prim eontradicted the that then published by the taly don momes the the of Geno to accent the throne of Span, and declare his belief that the King of Italy would give lis assent to the election of his Rogal highuess. In the s.tting of the Cortes on the same day a mothon, it larius, in. de Lemepre to have mertici tie urathit of afterwards rasumed the debato on the question of the osth to be taken by public functionaries. In the sitting of the Cortes on Wedraght of the new Constitution for Porto Rioo. It fortin's the diseussion of any proposition for the separation of the island from the posither forntry. places restrict ons on slavery declares mote private corresporden. It siso kranto the ripht voting to all who can read and write, with the voting to al the slaves, who are not to enjoy, public rights, but may obtain them through omancipation Slavery will form the object of a future constitariona amendment. A manifeito, signed by the Republican deputies, was nublished on Thursday. It aceuses the Government of having provosed the late revolutionary movement, and announces that the Republican deputies will returs to their seats in the Cortes in order to defend the rights of the people, and to strive to introduee a Foderal Republic, as the only form of ervernment capable of effecting the union of Spain and
Portugal, and of preserying the colonies. General Portural, and of pres.
Switzerland.-The Borse, -Zeitung states that Messrs, Grattoni and Brassey and Dr. Strousbert have jointly undertaken to tunnel the St. Gothard, and havo than seven yeal
ITuleana,-The whole Indian budget, with some Seciond Chamber
Prussia.- Mr. Burlingame, the Chinese Ambas sador, aud the other members of the Embassy, arrive in Berlin on Saturday. A semi-ohetal demal is kuen to a report which has appeared 10 several herman nensplaper, wh the eftect hat netrothtiuhs were on fou ment of the Netherlands for the cession of the Band Isles in the Molucca Arehipelago to the North German confederation. In the ppor Herr von Bulow relative to the introduction of the tobacco Bulow relative to the introduction of the Customs Tnion was discussed, when the proposal al the committee, reconmending the monopuly to the Government, was adopted. It the commencemuent of the debate the tron, stating the detaled discussion of the motion, and take partia any dered to the allied Governmicnts adding that in delerence tion the present condrtion of snd taking lato the duty of the Pruszian Governaffairs, it was the duty of a debnte whirh might give ment to forbear entering on a debanoy the craditiz and rommercial interests afferted by this question iu the
 of kerren miguel and lasker, propo whole ctril law of the North German States, was brought forward or

- Sit Mherael and St. George.-It is arte vasated by the death of the Earl of reen onfirred on Lord Lytton.

Ihatille and Dorkyards.- In con remrsamisalion of the service, the navy be published next quarter. Wur wiels for two years, commencin alwary next; and lilat of 5000 hands (in) will be kept, for tho purpose o. an hars in order, It is also stated that onto ink shafss in the dookyards, and the atione eflicient and cheaper meobanical

## fforetgir.

The elertion of candidates for the vacan legimatuve Body for the four circuar ver manner the greater number of electors cus br rrace till Monday, when there was more the voting a pypears to have passed off
Ile result of the elcotions was, on amerdane with general expectation. in the Prast butriot. was elegterd by
In the 'Intr, M. Crumieurg defeated the y ntne Fourth, the result was not deoisire tral las to be made. M. Glais-Bizoin, ned Henri Brisson, have retired, he wil If Arthar P'icard only at the second Cirru Rollin was at the bottom of the poll anneed by their oompetitors, With the a hort, of M. Rochefort, the roost tanis "here set aside, and the moderate Boulevards, and groups of people ol te tue oflice of the Rappel, in the Rue Iatmartre, wating for the announcemeat $\therefore$ in the electioas. A few urackers were fire anat ryeels, oht no serious disorder occurred a Murlay, at which the Emperor presided. Emile Ollivier, who had had Writh the Eimperor, had been commissioned an the nllienal fournal stated that rumour was utiation. M. Ollivier however, had anotier an.) his Majesty that it was better to ans $\{$ to the chamber merely as a Deputy, - Mhnster. It was announced on Wednes-- isent; and tho Mémorial dinlomathue of of rates that his Majesty, in giving comThisone said "T prepare the elements of his afimation of luberty" il letter frou iming is an extract, has been addressed friends
thinds to prolar M. Pouyer-Quertler
 $\therefore$ ath ranriee are more vanquished that o of Tudrease, mys alf have been hooten. Their nin. M. ned fors heats of Leforolution. struggle on;

Pis on of tasis letter is to be found in the fact - the about tax pressiog at a recent meatiog ad that has ching no oath or any number
arg the bour zeoisie "as "llading a life of
inare, fat, lazy, and old," compared with
rikour of the
the people, extolled the assassin
Barrett, Allen, O'Farrell as









 mourabits sutir:
 the troups liave left ther bivobates aid pown int can ton meent- an the wa coast. Herr luiv : H wate, the monal-ul haipsic to the soeno of the …tre lith. han
 then sol tim at liberty.











 Signor Mart, ithe Mlumateral and lidate wa hat same day Sigor Pisanelli, the candidate of the Lert, wa dleoted Vice-Preaident, sod on Saturday threo member of the Oppositiou wese elarted an .1hit mol vice Mresidents. In conne peente of datac (ine Than froleral
 has bad a anferance with hacor lan it

 the Ministry hau placed its resibnatiol ill tue hains al publio expendituro from 1862 to 1867 had beed prepared and submitted to the Court of Accounts, and that those for 1863 woutd shortly be ready. Tho Clinmber then eloctel a committee to exnmine ho estimates
assumad absonce of Signor Lanza, bronosest the apmantraent of deputations to concratulato the kioz on heremery from his recent ithe-s, and $r$ rmee Hhaticer on tho birth of the Prinee of saples, remel with prolongel and enthasiatic shouts of "Evyr il Re, ${ }^{n}$ and was unatumously adonted Signor Lanza awaumed the prespleucy of the Cuamber on Tuesdas, when he nade an earnest al peal to the patriotiont of the Deputies to juromow concord order to restore the finances, and asert the dar ger of the country falhus to met 1tw encagements. In the sittigg of Wednenday an addrees was sotel in repls to issucd ordering that the following establinhe 1 holidays are henceforth ollicially to be recogni-ed throteghout the kingdom. viz. - Ill sundays, and only ejeren feast of Italy it is propused to huld a popular demonstrathe (lisumenical Cosucil. Papal States - It is stated that the Empre-s of Austris is shortiy uxpected of the ex-Queen of Naples The Empress, it is sund, will stay at the 「arnese l'alace shile uer sute wilh be acomundatel at the fencza Palace. A Puble Fench Tucsiay, Lo conftr hut Carinas Son Consistory was held git which five bishopss were preconzed. On Whas day the Cardinai Vicar of rovae issued au exhortaon by order of the Pope, enjoinig the able Rome to prepare in honour of the Tmmaculato Conooption is to be made obligatory in all ohurches. Spiritusl exarcises are to he held, and in 22 churches Herr Overbeok, exposition of relics and images histors died lately at Rome, aged 80 years
The Principalities - The State entry of Prince Charles and the Princess Eilizabeto into Bucuarest took place on ednestay. Mariage act in the presence of as pertorme of witnesias, sud at the same tume on hridal pairs were married. The trueta were olluminater

The fleet of ressels which assinted at the inauguration of the Canal suifel o., Frway alernonh Empress Eugenie on board, and cast anchor in the nreliminary discussion. The motion was opposed

THE GARDENERS' CHRONICLE IND JGRICIITIRII GIVETTE
 On Saturday the fleet, headed by the Imperial a Austria, the Crown Princes of Yrussia and Hesse, and the Ru*sian and Austrian Aubbssadors on board, arrised at Sucz, and cant anchor in the lied Sea, On Mooday the Fimpress Eusenio left suez in the which an-wted at tho mauguration. The Airle arrised at Poort Sad on Welnesday from Lake Timseh, having made the parage th even hours aud a half, and Her $J$ fajesty left in tho erening on her return to
France. 1.1 the vessels shich were present at the irauguration have now returned to Port Sand. Eusht having performed the royage partly during the night mail steamer lirymanthe. 242 tons, and the Alphee after a very suciconful masanane. A prand ball wa of Austria and the fustrian and liussian Ambas sadors wero present. On Monday there was a Stat performance at Louis of He The Crown Prince o Princess of IIolland, have started for TTpper Ezypt Princess of Holland, have started for "pper Eqypt,
On Wednesday the Emperor of Austrin. the Kihedive, Ond the forerinn Ministers, went to Alexandria t attend a ball given thero on Thursday nikht by the Austrian residents, and for which splendid prepara-
tions had been made. Vice-Admiral Sir Alexander milne, with the iron-clad fleet, arrived at Alexandris on Thursday
Cipe OF Good Hops.--Accounts from the Cape to divisions, exceptiag Cape Town and Graham's Town, are to be held on Monday, December 6 , and the Cape Town and Graham's Town elections on the following day. The chief event of the month has been the arrival of the flying squadron, and it was estimated that the money spent at the Cape by the crews was common at Fort Beaufort. About Adelaide several farmers had sustained severe losses from inrade on to the Katberg was in splendid condition, but some parts of the country were literally black with immense pwarms of locusts, which in $a$ few weeks will be wiaged and ready to columit the usual bavoc.
finances of India there are to bo large reductions finances of India there are to bo large reductions of establishments, aud considerably increased taxation. The cattle plague is raging with great severity in Assam, carrying of roo head in a week. Clouds of parts of the Previdency of Bombay. They have comparts of the Presidency of Bombay. They hav Pekid, arcompanied by Admural heaped proceded to earthquakes have oceurred at Manilla. The churehes and pablic buildings were considerably shaken, and several buildings were entirely overthrown. The loss of life was about elght persons, besides several idjured. The shock was felt about 100 miles out at sea
United States,-The Cnited States Marshal has taken nossession of the Spanish gun-boats building in New York harhour, under a libel, alleging them to be intended for hostile action aganst Peru. The 1 th of
Deceraber has been appointed for the hearing of the December has been appointed for the hearing of the Washington denies the allegation of the libel, and has formally demanded the release of the vessels. The Neso Fork Herald and other prominent journals banquet r. rlatitone's speech aly the satisfactory settlement of the Alabama claims. The President has announced the abolition of the discriminating duties upon imports in French vessels. The Supreme Court has granted an order suspending, Mr. Fisk, Mr. Gould malfeasance. Mr. Fisk and his party have since maifeasance, Mr. Fisk and his party
Rupert's LaND-The Red Rirer insurgents in the Wianiper Territory, GMe strong, have seized Fort Garry, and some stores belonging to the Hudson's
Bay Company. A number of Irishmenare reported to Bay company. A number of Irishmen are reported to
have joined them. Governor $\mathrm{M}^{\prime}$ Dougal is pursuing a have joined them.
and Ontario on the 18th, when many vessels were wrecked. Anti-Confederation reoolutions were defested
West Indies, - idmees leceived
West Indies.- Hunces recelved at Josp lork announce that yellow fever is raping in Martinique, Guadaloupe, and Santiazo de Cuba.
Cura.-Advires from Havannah state that the insurgents are destroying the plantations in the neigh bourbood of Trinulad and Cienfuegos.
Japas. - Intelligence from Yokohama announces that the treaty with Austria has been concluded.

## CIty inteIltgence.

Oyrrand, Greney \& Co.-Vice-Chancellor Malins tion in the case of Overend, Gurney \& Co applicapart of a depositor named Stephenson, who, when the ank stopped, was a creditor to upwards of 12,0001 . and now applied that upwards of 1 wnl, the balance forthwith. There promisnory notes liad been given for the payment of the balance, at 6,12 , and 18 months One note wax due in September, and not paid, and the
interast would not he payable until June, 1870. On behalf of the offical liquidators, it was stated in repl
the want of funds. The elamant could have the have, like the other creditors, to watt till June nest for he interest, whell amounted was matter for rejoicing in a windinh-uy, case that all the creditors had been nearly paid, and swould be paid and he should ma
therefore dismised.
Great Failure in the Corn Trade.-Mesits, James Pim \& Co., of Dublin, one of the larzest firms
in the corn trade, with branch houses in London and Liverpool, suspended payment on Tuesuay. The amount of therr liabilities has not yet been ascertained
but are suppoed to be about 2000001 ., and a report :s current that about 10 s . in the pound may be expected
The Dublin house is an old one, and has long eojoged a leading position from the extent of its tranaactions, hut the Lon lon branch was not estab from 18 d 7 .
twilst that at Liverpool dates only

Money Market, Fridat. - British Frids : Consols are 93 to 93 , New and Reduced Three per Cents., $92 \frac{1}{2}$ to 92 , Bank Stock, Exch. India Five per Cents., 115 to $115 \frac{1}{2}-$ Foreign

 Charkof, 80 t to $80{ }^{3}$; Orel, 804 to 81 ; Unted State

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Dr. Livingerone.-The followiag despatch from India, dated November 3 a at the India Oflice:-"Letter received from Dr Livingstone, dated Ujiji, May 13, 1869 - 8 satisfactory". Monarch, from Portsmouth, with the body of Mr. Monarch, frotn Portsmouth, has been postponed to allow time for the Peabody, has been postponed to allow itme now bo expected to take place about the 1th or 5 th December It is stated that the Queen has intimated her incention of sitting to Mr. Lewls Dickinson for a replica of
the enamel portrait presented to Mr. Peabody, and that her Majesty has signified her pleasure that, when completed, it should be made public in the form of an engraving
The Colonial Office and the Colonies.-On Wednesday afternoon an influential meeting was hel at the Cannon Street Terminus Hotel, Mr. Youle in the chair, to consider the relations existing between this country and the Englist dependenoies. There wha a larce number of colonists, representing the interests of foundland, the Cape of Good Eope, and other colonies The company was addressed by Sir Georre Grey, Mr Wilson, of Melbourne; Mr. George Thornton, moreland, of Jamaica; Hon. J. Tobın, of Newfound land; Mr. Lebillier, and other gentlemen, and the following resolutions were unanimously adopted :-

1. That in the present most unsatisfactory relations existing meetings of colonitain and the colontes it Wad uecossary that sloull bo held once a week .t

## Majcsty's G

The Charrmanehip of the Subrey Segsions, It is Btated that Sir Thomas Lilson, chairman of the Surrey Sessions at Newington, acting under medioal advice, has announced his intention of resigning the chairmsnship at the close of the year.
The Fortune of THi late Earl of Derby.fortune of 190,000 a year. When his lordship suc ceeded to bis estates they were said to be worth 00,0002 a year; but the great increase is attributed to the wonderful extension of factories in Lancashire, and the consequent enormous increase of buildings. It is said that miles in extent have been covered with houses built on land, much of which was formerly barren and dearly unproductive
Address of Devonshire Men to the New Lord Mayor.-On Friday a lure number of Devon shire men resident in London, assembled at the Man ion House, to present an address of coagratulatioa Alderman besiey the new Lord Mayor, ou his accesthat they were met for tho purpose of presenting to the Lord Mayor an address, the words of which tully expressed the sentıments of all present. They had assembled as Devonshire men to offer their coneratulations to a fellow IVevonshire man on his having attaned the bigh and honourable position the Lord Mayor now occupied, by perfectiy honourable meanc Politics, whether local or imperial, would be altopecher out of place on that occasion, for it was just possible blthough they were all agreed upon that which he was the instrument of communicating to his lordship, viz, that Devonchire men wero rejoired to see advanced to the clvic chair of London an Exeter man, whose whole conduct through life had been such as to make his fellow-countrymen proud of him. Mir. Lopez, M P., Sır L. Palk, M.P., Mr. E. B. Stephens, and nther gentlemen, having expressed thers cougratulations, the Lord Mayor, in reply, said
gratifying events i fia life. He came to inntion as ono of
an many thousands who anrived every year to be absorthed,

## Twelve Difs Religiuta Mi

 nated with the extreme R.tualtandin st: Winchester, and Ro:henter are the scheme, but adherence to Chu neither advent chotce of the t.me dependeace characterised and a: of the churches were oren day special services, at whed a lara taking part in the mission was held at $S$. \&c. There was a universal exprese thousands of people came every been to a place of worship.
any that did not attract many two, or three times
All Saints, Kensington, there people in the clurch than had er since its consecration. It St. Mar there was a special service
attended by 150 of that class diten, the service called "The was found to be the most popul with Dissenters. It St. Juje is said to have been wonderfu churches taking part, besides daily attended the mission $w$ It was stated that never since classes, and tho success which bad atiende. how much might be elfected if the Cburd ren meeting her phe cheren schonls of theology present. "Renewal of Baptismal ho Holborn each person about to re a consecrated oandle, which was service; and the portion nat consumed we be taken home, so that the ornat remainder of it at the ime of deat mony the clergy, choristers, banners round the church. the mision two priests have be for eight hours in the vestry St. Alban's the ollierating priest rece, red wo a confessional ereated in the ohncen sina ${ }^{\text {day }}$ fanal conference was held at it was resolved to hold anouner probably at Lent. Aster the con
The Royal Acaderiy. - The intends to hold an Exhbition with a selection of
during the months of

## have taken this step

## ment of the exhibitions of the

will the new astional Galler:
A.ncient Masters; but in the ne have determined to s
promised
Gallery; the Marquis of Westranster ion to let the Academy have Jarquis a other collectors

## disposel of the leademy.

Admiraty the 10 the Marine School at Grcemwh高 Hosp TRE EvBABMEVI Wednesday. The nembers of Works

## members of the The Board and

The board and the Festry along the Embankment returned to public dinne
which Sir J. Thwaite
on the successfu!
pointed out as one of its ad
inconvenience and loss to the
on the river banks.
on the river
c. the treasurer,

Whin he truvted would meete all the
e instrution. Mr. Whit ai lbe det superior to that of the London and Ithe daily average of beds in
of the hospital had been expended, he read
sirew- t to him by the whole medical ataff physicians and surgeons,

## ber and 1 mportance of

## during the treasurer's lenur

were nere improvements in thre of oftic
n-room*, in the dispensary department and - n-rooms, in the wards appropriated to women operition theatre, in this conversion of the i. quare into a place at for open-alr exercise
eteral other departments, By these 1mprove
ithey added, the hosputal has been made at least any other in the kingdom, both as an institu a scrence Mr. Whate concluded his statement kat scrence fllowing resolution

## $\mathrm{Ev}=$

I 1 what itters, 1
t.Nere it
rite fantitution in the for the pore object in
larledue seconded the motion. After some th Alderman Sir W. Rose, Alderman Sidney, nas crarred unanimously Mr William the the hearty thanks of the meeting to Mr during the 15 zears of his which he lad unabated confidence in his mannrership, encnied the resolution, which was carried Benjamin Pbulips, fof Jir Charles Reed, M.P., a vote of thanks His lRosal Highuess, in acknowledgrestatement of tho said trensurer, and : $m$ on the successful way in which he wres that had been brouglat against had met all decply interested in the welfare of the cuest that if they would forgive him for venturbe the better for all parties, there oftener it more conversant with the details of the resent, and would thus give a greater support to REIMINST
performed by the Queen's scholars Plautus performed by the Queen's scholars in the December 11; and of Thursday, December 9 ; Pocember 11; and Thursday, December 16. Board on Charitable Organ The increase of out-door poor in the metro become so alarming that the Poor-law Board ught it advisabie to issue an important cirto the assistance given by charitable The obect of the Board is to obtain understanding between the goard is to obtain a that the benevolence of the latter may not the relief which the Poor-law renders legal sument concludes as follows :
 relief operations in various parte of th
 London Bridge-Theefect of clooing the aarriage-
way of London Bridge last Fook, for the purposo of having it repaved, has caused such or cue purprose of isared an wark Bridge that the polise authorities hav Surrey side, bound for parts of the Middleser from the of Blackfriars, shall cross the river by 13 side west Bridge. The routes of omaibuses also have been altered and some or them running south of the Thames now proceeding, as formerly, to Cornbill the river, instead of

Winter Garden and Tint
SQDaric.-The site where Saville in Lificesteb Lelcester Square, previous to the recent fire has been secured for a winter garden and theatro of has been portions. The whole block of buidengs has been taken, and a publu company is in courso of formation, the The audstornum of the new theatro will seat "fopsil A covered facade in front of the house is also contemweather. The a place in Ialeworth for the supply of the plants and flowers.
Woolwica Dockxabd -Mr. Childers, the First to advise him in regard has requested Mr. Tite, M.P Dockyard into plots, preparatory to the property being offered for sale by the Government

Delimpond Dock Fard.-The Market Committee of the City of London have recentiy inspected this dock surd with yiew of considering its capabilities as substitute for bilingsgate, The committee, who wer Wilmot, the Superintendent made Captain Eardley tron, and fully diserssed the adyantagente inspec on, and fully discussed the advantages aud dis advantages of the yard in reference to the contemplated change
The Pook-kaw Board and the St. Pancras Guardins.-A crowded meeting of the St. Pancras guardians was held on Monday, at which were present among others, sir Willam Bodkin, the Deputy Judge Sir Sydney Wateriow, Mr. Wyatt, Mr. Wedgwood Mr. Bodkin, jun., and Mr. Corbett, the Poor-law inspector. Letters were read from the Poor-law Board refusing to delay the proceedings regarding the sick any longer, requiring the guardians to get ready withou delay wards of the new Highgate Infirmary to accommodate 170 sick, a task which could be accomplished, the Board said, in a fortnight. As to the reduction of the numbers of out-door sick needing infirmary accommo dation, by calliog upon the relieving-oflicers to trent the patients as far as possible in their own houses, the puardians had ordered, the Poor-law Board dha no this course, and besides, it must show thet the gorer dians reated on the supposition that the parish ofricer pationts, houses than might properly hsve heen so dealt with and that the pationts had been sent in pre ference to the infirmary. The Board doubted that this had really been the fact. The Board refused to permit the payment of any fee to a body of medical men who mant examine and report on the infirmary, tho guardre had suges the Poor-law Board kow. fo case which lhey could be relieved of their duty of determining, on heir own responsibility, wbether the workhouse 1 nfirmaries are fil for ther purpose, and whether the olass of patients can be best treated the various waris. There was less occasion for the guartians acting upon this resolution, as the question of the necessity for additional accommodation for the sick has long ago been decided upon, and its practical sotution has been delared by the noncompletion of the buiding at fighate. Gentlemen or the highest medical eminence Board would not think it rizht to diminish their quirements in

|  in by the guardiats." The j'okr-ian laard alao <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br>  <br>  |
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|  |  | be dinttisomd, twature she the cornter was uritered to

 no fault nit, wh, wis Iresent. dexilured that he found iaticnta to Chariug Cross Hospminl in urder to relieve (he mitmary
 iwo adults and an infant. who hodiod died three pravima


 equisalent to consikning people to thenr grares to pu frat two casans to the effoei that resalsed verdicta in the rated by the impure air of thar wasts had bena monele caso, that of a fine baby itiat wasta, and in the thir caso, that of a fine babys, that death had been cantined by ponson from an open drain outaide from the elfocta of workh irom an open drain outade the ourwery of the and twouse other personday the inguest on Jamer lelan wad reanmed persons whe had died in the Infirmar been partly cone jonto some days atow of Plant lasi quence of the startline ovidenos given by Mr. Bolly sioe-president of the Colieteno of given by Mr. Bolly isrudenell Carter, Fellow nt the Collegen as to the Mr dition of the infirmary wards, $i t$ was agread to adjour them, the coroner stationg that " in rumbee the guble the jury should go more fully into the matter." Afles verditt in one of tho cases that death hary rensturned from the effects of consumption, accelerated by tho over The jlary added to the verdiet the following remarks


 The in piry lasted nearly nine hours, and the other Board have sinoe determined on institutiog a public inquiry into the state of the wards of the Infirmary and the oharges preferred by the guandians apainst thoir medical officers. Tho date of the investigation i not yet fixed, but it is understond it will be conducted
by a special commission, wholly uaconnected with by a speci
the boand
Parisf of St. Clement's Danes,-The gentle mon who are reading with Dr. Vanghan, the now volunteered their services to the rector of St. Clement's Danes for work in Clare Market, ono of the worst parts of hos parish, and are now engared in domiciliary visito mong a class of poor whose misery it would be scarcely possible to exaggerate. They are also taking part in the Church service, by reading the lessons at evening sarvices, at which Dr. Faughan himself has undertaken to preath ochasionally.
The Improvement Comm the Mancion Hotseand a conference with thee of the Corporation have Works, for the purpose of requesting thet board of round opmosite the western side of the Mansion House, in Wallorook, may be preserved as an open pace. The Board of Works, in reply, have informed the Improvement Commsttee of the Corporation that having regard to the great value of the ground in question as bulding lend, they feel it imposstble to entertain the question of preserving it as an open space.
THE TELEGRAPHR AND THR GOVERNMENT.-It is stated that the Post Office authorities will not be in a position to take over the working of all the telegraphs position to take over the welay will not oxtend beyond three or four weeks, during which temporary arrangements will be made with the existing companies to carcy on the business under the control Chancollor of the Aesnwhile, it is reported that the
 compensation but will met it tempomrily or other rise bJ joun in or brames of public accounto The tran fer of the telegraphs to the post oftices in Ireland is, it is said to be deferred for a year
The Prorosed New Connty Pbison, - On Thursday a meeting of the Mddlesex magratrates wh held at the Seesions House at Clerkenwell, and was attended by no fewer than 150 magistrates. A proposal attended by no fewer than 150 magistrates, a proposal considered at former meetings, and a committee had considered at former meetines, and a committee had been autinorised to enter inlio s provisional contract to A morcase as a site confirm this contrant was opposed by Mr. Serjeant Payue, Lord Enfield, and others, and was defeated on a division by 48 tob

Loss of The Clipper Ship Spindrift.-Thi celebrated clipper ship, which made such a splendid Foyage last year from Foochoo Foo to the Thames with the first "teas of the season," ran ashore on Sundin

THE GATADANDR' (THONICTE AND AGRICULTURAL GAZEMH:
$\left[\operatorname{Sin} E m_{b r_{3}}=\right.$
 Trinity Ilouso pilot for shazesace, with a carso valuch
 China tea trade on the Clode an 1otic, wias argt gan Thinden She wan not anvurch. the tith mst a rutous moth of men who had becn perambulated the streets of Hyshbury, and I Inintron, properts to a larg a amonnt, it the Inhaton vestry, that uch outruce wero jrimarily referable to the

 luensing maglstrates, and to call for a searchiag investraversed by the rioters. Thaversed by the rioters.
The Public Healtin--The Weekly Return of the Reghstrar-Generad states tant in the week hat were rephtered in hondon and in 13 other larre towns of the (Tnted Kingdom. The annual rate of nortality was 30 per 10 in persuns living, being 31 per 100 s in $2 t$ in lirminghamb, 2 ) ia Liverpool, 33 in M Manchester, 30 in Eull, 27 in Newcastle-ujuon-Tyue, and 3610 in the sane w cek was $\sigma^{5}$ per 1po. The rate in Berin during the seven days ending the lout), and in Vienna 27 ner 1000 durug the week ending the 13th inst. In London the birtias of 1092 boys and $10!3$ girs, in all 215, children, were registered last week.
In the correspondint weeks of 10 years $185 \%$ - $\{8$, the averane number, corrected for increase of population, Was 2181. The deaths regtistered in London during tho week were Iss). It was the fith week of the year, and increase of population, was 1.GG. The present return is thercfore 293 above the estimated amount.

## 33 rovitctal

Brianton-A company has been incorporated by Aot of Parlament, for the erection of a large public aquarium in this town. The site chosen is at the foot of the Chain lier, below the cliff, commencing at the

 contribute the sum of t,00ul. The aquarium to be erected will not only allord a fopular amusemeat, but
by its sclentutic organnation and classification will be by its sclentific organisation and classification will be
most valuable to students of natural history, and especially of ichthy ology.
Bexton. The Jube of Devonshire has made a liberal offre to the iulabitants of this town. His Grace states that if they whil form a pliblic company to carry of 10,000 l., he will take half the shares, and give in addition 8 or 9 acres of land at 8 nominal rent of 5 s. per annum. A committee has been appointed to canvass the town and take other steps. It is stated that the the somm. of capital he off.rs to provide, will make his Grace's contribution to the scheme $11,000 \mathrm{l}$.
Cabdip- - The Marquis of Bute has just relieved the hospital-slip Hamadryad, at this port, from a debt subscribing 1000l. towards the building fund of the new Glasgow r.nircrsity.
eanmanken-On raxday, David Davieg, mho
 before the county maxistrates. Ifter a nnukir of magistrate said that, in the opinion of the court, there was not sufficient evidence to warrant the committal ruste prisoner. He was accordingly diseharged from
Fromr-The inquest on the 11 men and boys killed by the explosion in the Mackintosh coal-pit at Newa verdict of manslaughter aqulust 1 Ha, has Baker, eliuet oversman; Abrahan Hamblio, lampman; and Johu Burtain. The latter was proved to have torn a division all the rules had been wolated in the pit, The mesury lasted fire day:
Hatrield.-On Thursday the Fice-Chancellor, the frocthrs, and a delegacy from Oxford, arrived at HatChancelior of the Tniversity with the usual formalities. Hawirden.--Mr. Gladstone the Premier, has purAston Hall and Aston Lodge, in all about 923 acres : also three collieries, the whole producing a rental of about 2590 . per annum. The property formerly Hexhasr.-On Welnesday
of Dilston, the recelver of the Greas Mr. C. G. Grey, rents at Haydon Bridgy, was boing inad hy the tevants marched into the room at the theed of Derwentwater "retainers." She was richly dressed, and wore a massive gold chain round her neck, with a sword sus.
pended by her side. She told Mr. Grey that ho had
no rantit to recenve the reuts of her tenants, as her


 knuckles. They then forcitly remova her from the her to fah arainst the table at toa bottom, hurting li she had engared for herself, aut left about half
 conenurie of nogile that had asemble in front wit.
 the chair, and there were also present-Mr. Baines, Me. ${ }^{2}$, Colonel Akroyd, M. M., Mr. Walter Morrison,
M P , the Rev. Dr. Wondford, vicar of Leeds; Mr H M P, the Rev. Dr. Wondford, vicar of Leeds; Mr H.
W, kipley, Mr. Jacoh Behrens, and Mr. Fane IIlden, of lradford, Mr. L. Huth, of ILudderslich, Mr. Myology Mere read from Sir Mareourt Johnstone, Mi P., Mr A. Mlingworth, M.P. Mr. Mundella, M.P Mr. Stanlone, Sir Titus Salt, \&c, expressing approval of
the project which the meeting was met to consider. The Chairman spoke upon the importance in a country Whack hat reached such a state of civilization as ours of workmen understandins the nature of the earler days, when the resourers of the country pore unexnausted, hat fas comparative anmportant matter. Materials were close to the surface, timber was abundant, and altogether there was no
immediate bad effect where thoso resources which Nature had glven so abundantly were not used as economically as they might have been. But the case was rery different when the country had arrived
such a stage as that whech England had reached. England was to mantain her position in the civilised world, she could only do so by using to the best advantage the resources Nature had endowed her with. He gave an instance from Middlesborough, showing the
importance of technical knowled to tha skilled workimportance of technical knowledzo to the skilled rork man. Every forcign country Was up aud doing in the was equal to them, it was to be feared she was not ahead of othor nations in her manufacturing products. In con-
 warh coileges exsted for every $5,011,010$ inhabitants. Wherever one was started in lorkil. re be loped it
would be on a sutliciently broad basis. Iurkhiremen still gloried in the traditions of their county, and in deciding upon the locality for such a college he was sure all would bo determined that the institution when opened should be worthy of the county to which it belonged. Colonel Akroy $\mathrm{U}, \mathrm{M} . \mathrm{Y}, \mathrm{y}$, moved-" That in the opinion of this meeting it is desirable that : He pointed out the example which Lancashire had set on this subject, and with reference to a remark that the existing depression of trade mado it an unsuitable time for the establishment of such a college, he said that depression arose from the competition of continental manufacturers, and that afforded an addiona the formation of this college. Mr. W. Morrison, MI.P seconded the resolution from an agricultural point of view, but be did not think it likely for many years that the Craven farners would study zcientitic husbandry. Other gentlemen also supnorted moved. Mr. Baines, II ${ }^{\text {a }}$, siconde J , and Mr. J. G. Fitch, frovernment Incpector of Schools, supported a resolution appounting a committec to investizate, constuer, and propose the beat menns to be adopted, in co-operation with the Eudowed Schools Commission. The committee includes all the mayors of lorsshire and the chairmen of the
Lincols - Dr. Wordsworth, the Bishop of Lincoin, has sent in his formal application for the appointment of asuffrayan lonhon, which the Government lad preunderstood that either MIr. Mackenzie, Archdeacon of Nottinghanı, or Mr. Morse, the vicar of St. Mary's in that town, will be selected for the appointment. It is that ton u, will be selected for the appointment. It is
at least 210 years sinee a bishop of this class lias been at ieast 2ne years sine
apoointed in England
Lowestofr - The Tyro fishing lugger, which arrved at this place on Tuesday evenine, reports that seven of her crew of 11 hands were washed overboard on Monday by a tremendous sea, and were all drowned. commitastled in this town last week. A sailor called Weir had yisited a woman in a low neighbourhood, and on leaving the house is supposed to have stabbed ner in the breast. She died in a quarter of an hour,

In the mentime the man had gone to the polure to coroplain of heil 2 robbed, and being taken into custory, was horror-strickeen at findine that the woman
was dead. At the ingut was strong against Weir bat on Saturday the suspicion stab might have been given by a man called Renwick. who had lived with the woman, from motives of


## Parliament, that Mr. Lriaht: propo. establishment of peasant propretir

of Parlament, munteipal
boards should bo held to devae the beat se. ronting the Irish race in the Irisa

## commemorato tho deatns

O'brien, who wero
marder of constable Brett, about
througl Cork at nigh
funeral step, four deep.

 ('Veill, who lived witt hit

Fenfan Robbery is Cork, -On an
the residence of $\mathrm{Mr}, \mathrm{O}$ C. Edward
House, five miles from Cork, "Ia
armed Fenians, who, in the absence
carried or two guns
Tre Cork MIURDER,-The 1 man who was arrested by the picion of being implicated his detention.
THE MC゙RDER OF CAITAN LHEEAT Barreti, who is acoused of having tria but Lambert, at Athelmy, and whed in has brought up before the Court of indictwent at Galway was tenderel, The Attorney-General inuan affidar change the venue.
SUSPENSION OF AN ORA
Orango Lodge of intrim lma
Orango Lodge of IIr.
because he supported Sir Sir
master, Mr. Witliant Gwynd, if
the decision of the 1
Mr. Dalway altogether. Party Processions.- 1 memorial fro Catholics of Derry has been Lhe party processions in tha
Orange celfocrations shir

ford for declaring they will "unfur
pendence,

## Krciand.

Tire Land Qdescrion -al conierence of ${ }^{\prime}$ for the purpose of considering the res it. Eroposed at a county mecting onl te dari Granard took the charr, and M. $\mathcal{P}$., and Mr. G. Slater, who present land laws, insisted that justice siou to to laudlords as well as tenants, Reoulnt ge it ato of fixity of tenure and ren farmers of county I eitrim Granard in the chair. The nece was impressed by the speak demned. On tho snme day a larze ter Moslan in the char, in the avseare Addresses laving been delvere
Dominic Corrigan, ex-dudge Lit
and other-, resolution a were adn

## lement.



Where the hit one way of arrangine the and that is a hand sooner or later will who want it, and "Self Keliance," the no insurrection are digcussed at great am of the English carrison is estimated ; on mint then, the military capacily of - wis treated in contemptuous terns, and Tor As trexican officers, who are described a

- apperters at the tenant-right and other I. apemally violent. At the recent meeting
 14. !- rie, asid have no more patience with themnald had gone too far-that they had 1:as and that their conduct would not be sind. He read, amidst great applanee, -1 at rth: e by John Mitehell, in thes an il. le un London, beat the gerent and it the asent, shoot the bailiff, or all Il, at that he dud not read this as sith wed advien cominy from the Le whin bo terrib.e work in the tive nommation for Tipperars, on wal lirigade, as a cmondate, sad that in ti.i the oid system of laking revenge - chinew, patent, and most successful the mas a man of peace ; but now the tenant trust father, brother, or mother with the -st Lu antended to do, but wemt out, took with loud cries of "Bravo! " and 4.pitherring.


## 

IB on the Preston and Wybe-On arious collision occured in a fog near Amsenger train ran into the rear portion cods train which was being shunted, - brealsman was hurt gapl all the anch shaken.

## 

 inulaftor the resignation of the bishop insti-

Lipa agntast Mr. Wix, Ma Mar of Swanmore,



sicat. The defendant's counsel now

 jodge was gave judgment to the
jade tho titlo of the suit. Ho there-

 it could that the Duke of Ne Ninerotle, being the Weall Palmer, on bohalf of thankrupt. tupal, the Lord Justice reversed the on in $\cdots$ Minsow, and declded that the Duke of $\because$ peer, could be made a baukrupt. Notice The meanas against this judgment was at
 - Astint wrene, lrew lont of the loor lne - mis ulh stit thint of of the bankruptey of Sir

 cht ri, Lits of acheernent



P Ea, stthacs in Banco, before Lord


 H $\pi$ iomburai ners ans I $1 /$ flum
 texpire fipell int celmimetury to vote in, 13 , Cht it ins contended interest wint


 upon a second indietment with the whil He war alan charged


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 tom hus wafe, that he has in wit. . 11 wh leate

 atil semar tey the the Der at tha Wood Groen Stat ton followed and shot her dead. He then went to Boyd' houso aild wns in a 日 atate of tomporary insanity caused by fealouey. The Wiry however, after a long dollberitfon, retimed. andi-1
 then passed sentence of Death in the thal fro. put the whole tral


 talking to Whitall, l,ocstue jas mis, ald in the finili

 lefence. Tt pionsure.
asting away that vesol with intont to dofraud the
 dressed man, pleaded guilty to ladictments whlech ohargod him with converting to his own use securities to ac arge
 Fuilta, and sentencef to five Scirs' pemp servitul le $1^{\prime}$ \% oficer in her Majeaty'n servico, was chanced with conspline to defraud by means of foctitious cheques. Aftar a long trin he was acquitted.

## Eportitg

The Interkational Sculcing Race.-The scultors' race fo $50 t$ as aide, between Walter Brown, the Aherican chantig Putney iam Badler (younger brotuer of Jobiph sa
the Tyne, from biotswoo 1 sisprnsium Briplye to tho High
lead at startio , Lut after yowiug ablut tircee pales, wh the deuly fultered, and was ollifed to ot ip, learings las intagonist to ruw to the winning post alone. In the erching, at a pribic
concert, Sadler stated to whas cut of cunditun, ind wished to Tyme frown again in sly weeks. Brown auree 1 to row on the
 It Jurin.-Tho great a nobe senill mated Newenstle on Snturday. Kelley and Sadter represented the Thumes, und Rentorth and Taylor the Tyne. The distance was nearly futr miles, and great interest was excited The conem ${ }^{\text {chew. }}$
 charge cf lumh ag tiust Dr. *horthouse, editor, and Mr. Farrah,
 paper an article in wich, unnor the ontering harsos for tha Averpool Cup, and then scratahing them for hle own bontifit statul thast ueither he nor any one connmisaioned by lim had why bet upon the horges in question. Tha made rgaiust Mr. Gillbert Robins, solicitor, reniding at Rathcoole, Hormsey, as the writer of a libillous article in tho Mand thmeld Ti.an, ned he alsu was committed for trial,

## Botuary.

Lord Foles died on Saturday morning at the Hatel Dristol Paris, on liza retirn horme from a mir in Germany, anter fest year. He was the eldest son of the third Lort, by his wilo, Lady Cecilia Fitzzerald, firth daughter \&f the second Lake of
 Fitzalan Howard, eldent dauklter of the hat thike of :-ather
 of his fatber in 1833 , he hail rel resel.tei Won csternhire wh the

 crecrling Liberal Ainfinstratuon, He was ale ona of th









 Frnire in March, 1807; nurd, at privite no etats tu th
 for tho Becretary of 8 tato, at the end of that
that appointment trill 1809 , whou ho wan app Clvil Secrotary in Fobruary 1811, and wurning than , An





 favourte with bls brother artuty of .an tintions, and numberad Gibson, Wyatt, Mocherwaldson, Canova, overock, Tcricrani, hiss humurnzs genlality of mannar. A largo numur of bis
artistic colloagues attonded hio funeral in tho Protestant artistic colleaguea atended
burtal-ground nt the Portn San Paolo
Our Mr. Artintir Ketr Barclat, of Bury Fill, noar Dorking, the 20 th innt., in his 6 tht year. Ho was a Follow of the Royal Society, and a deputy-lleuterant and juatlics of tho peace for the county of Surrey.

## ftarketg.

## COVEVT GARDEN - Nov. 27

HiLany arrivala aro reperted from the Wertorn Ialabila Stocks of Oranges and Lomuns are kceanamg larec. and, fir
the season, are of excollont qualty. Hotbouse Grapes are very plentiful, and home-grown Pinos more than minficlent for the trude. Vegetables of che usual rough sorta are allundiant
 1s athes.
eruit.
Apples, Pi friove, 2 s 6 d to 4 Lemone, per 10 n - 4 tri 1 a Cobse par lb., id to is Chestnuta, p. bugh., 88 to 1 is




## POTATOS -Sotinwirk, Mondsy,

During the pist week the ardrals lave buen modurato The filluwing :
forfar, an lo Fifo

EXGIVH WHO
Wo have had a moady domand, eapecialy for the hetter qualities, and prices area sladenititar. staprert geveraly abl


Trade in tho manufacturing districts still continues duls, ant though a lar
rery maengre.
 Flezces-8outhdown hoggeta

Keut Fleeces
Bouthdown ewes and wether
Leicestor dito
sorrs-Clothing
ombing
HoPs.- Borovar Mareer, Nov. 27.
Mesirs Pattenden \& Smith report the market quite, the unchanged.

HAY, - Per Load of 36 Truases, Primo Meadow Hay sosto Bga ! Clover, old Inferior do.

New io. Inferior do. | 80 | 70 |
| :---: | :---: |
| -8 | $\overline{3}$ |
| 26 |  | Inierino do.

Prinne 2d cut

Inferir | 1203 tol 130 B |
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| 100 |

Cumbrar $\begin{array}{ll}26 & 32 \\ \text { sD }\end{array}$ Inferior do.
CuARLEs $\begin{array}{ll}.100 & 11 \\ \therefore 80 \\ 8 \\ \text { Eassosi }\end{array}$ Sup. Meadow Hay
 Inferior
New do. New do
Straw
day, Nov. 2
Clover 909 tol128 mertor do.
lover $\therefore \quad 125 \quad 130$

J08



LEADENHALL POULTRY, EO.
A full average supply, and no trade.

| Geare .a esch |  |  |  | ${ }^{\text {a }}$ d. |
| :---: | :---: | :---: | :---: | :---: |
| Goaslinga |  | Tame Rabbits |  | 10 |
| Turkeya ${ }^{\text {a }}$ | $40-70$ | Wild Rabbits |  | 09. |
| Turkey pullets |  | Partridges |  | 1 |
| Dueks | $\stackrel{6 \rightarrow 36}{ }$ | Pheasants | " | 20 |
| Wild Ducks | $20-26$ | Hares |  | $20=$ |
| Surrey Fowls, couplo, | 0 -? 0 | Grouse |  |  |
| Do. chlolems | 0-60 | Snipes |  |  |
| Barn-door Fowls, | 46-70 | EnglishEggs, | 100, | 10-11 |
| Leverets .. asch | 0-26 | Forelgn do. |  |  |
| Teal and Plovers, | ench | renh Butter, | $3 d$ | E. 4 |

## METROPOLITAN CATTLE MARKET.

Monday, Nor 22
Thio supnly of Beasts is shortcr than on Monday last, and trade is brisk, consequontly there is a small advanco in the extreme rate. Bheep also are not quite so plentiful; they are readily disposed of at an advance on Thursday' quotationgs. Good Calves are still in dernand, at full rates. Our foreign oupply consisto of 1406 Beasts, 1340 Sheep, and 151 Calves; from scotland thare are 53 Besats; from Ireland,
1064 ; and 1858 from the Mdland and Home Counties,

Bent Scote, FersIordh do
Beat Shorthorm 2d quality Beabts Beet Downs auc Half-breds $\begin{array}{cccc}5 & 6 \text { to } & 10 \\ 5 & 4 & 10 \\ 3 & 9 & 5 & 8 \\ 4 & 4\end{array}$ Best Long-wools 5 © to 510
 Thubbdat, Not. 25.
We have a larger supply of English Beasta than on Thuradry Wast, but not so many of foreign ; trade is netive for choicest qualities at Monday's quotations, a farir clearance lis effected of scarcely any demand. prices are lower for the small amount of business transacted, Calves are lower. Our foreifg supply
convints of 258 Beests, 1260 Sheep, and 192 Calves. condints of 258 Beasts, 1260 S3
Best Scuts Here
${ }^{\text {E. }}$ - ${ }^{-1}$

Best Downe and
Halff-breda
Do. Shorn
Beaste, 924 ; Sheep and Lambs, 3475 ; Calves, 265 ; Pigs, 30.
Metropolitan meat market.-Nov. 27

## Best Freah Butter

to $\because 5 \mathrm{~s}$ iod. ${ }^{\circ} 16 \mathrm{~L}$

MARE LANE-MONDAY, Not. 22.
Thare was a good supply of English Wheat to this morn-
ingo market, and to effect salean it was neceasary to submit to a declins of 2a to entect salen it was neceesary to submit to se'nnight. Of foreign the arivisals contipue liberal, and the Barley was ed. per qro, and malting 18. to 2e. per qur, cheaper. Beann and Peas were 1s. to 28 , per qr. lower. The Oat trade neglected.

The weather sinco the loth inot has boon dull, fogby, and
continued in the Wheat trade throughout the markets of the
kingdom, and although the large forcign arrivals were offered readily at about 28 . per $q$ r. further reduction, only a small retail trade resulted, as confidence in existing prices is stil wanting. The traduot a reduction of 1s. to 28. per qr. upon Beans, Peas, and best Barley, while grinding sorts and Oats di. to 1s. per. parrel qr. and sack decline ; Birmingham quoto 3a. ti. per sack reduction. Huring the week cit grain ned
seed laden vessels arrived off the const, of which, with those left over from the preceding weck, there rerusived for sale
late pight 70 cargore. The floating trade his ween quiet:
last night 70 cargocs. The floating trade has been quies,
for antived Wheat there wero but \& few chance bujers, at a decline of from 1s. to 2s. per qr. Maize was a slow E:le
at easier rates. Barley unaitered. The few transfictions in Rye show a fall of nearly 2 s . per qr. No business for cargoes on passage of for forward shipment. Paris, November ${ }^{\text {Th }}$, ward tendency in prices. The six marks aro groted at cqual

The arrivals of foreign grain this week are good. There English Wheat was sold at Monday's prices; for American qualities there was rather more ind extreme rates of that day; Was unsltered in plue


LIVERPoot, Nov. 23.- Whest is irregular in value at 2 d per cental under Friday' rates. There is some cusposition to purcbase, but so far very nittio has beendone. and Oatmeal ar neglected. Indlan Corn in quiet at Fiday's rates; round yellow, 29s.

|  | Wheat. | Barles. | Oate. |
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|  | 4780 d | 38s 1d | ${ }^{248} 1{ }^{\text {d }}$ |
| - $23 .$. | ${ }_{46}^{46}$ | ${ }^{38} 8$ | ${ }_{23}^{24} 8$ |
| Nor. ${ }^{30} \ldots$ | 46 4 4 4 1 | 38 <br> 38 <br> 8 | ${ }_{23} 10$ |
| - $13 . . . \quad \because$ | 4611 | 389 | ${ }^{23} 11$ |
| - $20 .$. | 408 | 388 |  |
| Average .. | 468 | 38 | 23 |

## SEED MARKET

We have to report an improved inquity for Clover seeds Fine samples or new red soed descriptions wo note an advance during the week of 2 Es . to 3 s , por owt. The values of Alsike and white Clover geed are also tending upwards; new French Italizn is in fair request at recent curremcies. Chanary seo for the small quantity in our market lovg prices arb easily Feediug Linseed is a little easier. The Rupeseed trato is firm. Mustard seed is without chango in value. Windsor Beana are scarce and dearet.

Johin Shair \& Sons, 18 , Water Lane, E.C.
COALS.-Nov. 25.
9 d.
; Harton, 17 s ; $;$ Brancepeth Cannel,
Weat Hartley, 16s. 9d. ; Harton, 17s.; Brancepeth Cannel
 18s. 9d., Walls End Tunstall, 17m, od.; Walls End South Kelloe, $198 .-8 \mathrm{Sips}$ at marlett, 31 ; bold, 80.

WanTED Excent Chance for a Gardener
NTED, a MANAGLR, for a small class Nursery,


W ANTED, an active, middle-aged w 0 RKING (married and without farmilg), for a towa 1a North Wales. Undes

W ANTED, an efficient BUUK-KEKPEK, who will


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(X) shopman. ANTED, a 8 HOPMAN, of good addreas and
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WANT PLACES. - Letters to be Post Paid.

## Gardeners and Under Gardeners,

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To Gardeners and Balilifi (Head, Foremen, or Under). I AMES CARTER AND CO. having many applications


 LUCUMBE, PINCE, AND CU. have alwaye on thei




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11 \& 15 \& 0 \& $\because$ \& 2 \& 10 \& 0 \& 75 <br>
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15 \& 10 \& 0 \& $\because$ \& 2 \& 10 \& 0 \& 76 \& feet by 15 feet <br>
15 \& 0 \& $\ddots$ \& 2 \& 15 \& 0 \& 100 feet by \& 15 fect
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## Bath and Gats Work rrected in town or country. The Trade Supplied.

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Henry ormson, Horticultural Builder to Her Majesty,

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The Court.-The Queen, scoompation cesses, left the Castle on Friday afternom with Princess Beatrice. In the aflamon socompanied by the Princesses, droro Villiam. Jenner arrived at Clare the grounds. In the afternoon he visited the vaults of the clapel, whers and Queen of the Freach, the Durlese tomb and monument of the D , ches. out with the Princesses. In the 2 ermen drove and walked. On Weluesh, Windsor Castle. Priurtss Lounta n. Windsor Castie. Priu'tess Loun-a and returned to Windsor in the eracir:
morning the Queen, accompaniad Py walked and drove in the Home Part
Walas and Prince Christian weat on the afternoon her Majesty went to L. ing to Windsor about half-pist Princess of Teck, Princess Castle on a visit to her Majesty. 0 the Contt Fill lesve Windsor for
15th inst., and spend Christmas in tee THE KING OF THE BELIIA Gardens, the Royal Albert Hat Memorial, and the Reform
Majesty visited
Prince and Frogmore, and remansed to lunchee the King of the Belgians, accoondon, Belgium. The Prince of Was Majesty to the Charing Cross the Lord Mayor recelved a
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Br otate for Foreign A fairs of a telegram which the Kme day week, expressing his ratatifuation mb presented to him
The Princess of Waires if dend towards reoovery, and the infant risith THR PRINCR OF WALES Whe noke Prince Christian, Prince and Pr Count Gleiohen, for the purd 5 the Prince in the evening. Dake Highness dined With inme of the Princess of Teok. On Sanday attended Divine servies King of t the Prince at Marlburough
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THE SOCIETY of FAINTRRS in $\overline{\text { PI }}$


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The Court.-The Queen, acoompraike of bly On Saturday morning the Quena mis es with Princess Beatrico. In the af and visited the Primere an 1 Pru William Jenner arrived at Cla
Oo Monday morning the Quen the grounds. In ti.e alts 1,0 It panied by Princess Beatrice, drovo to and Queen of the French, the Ducheme the Duehess of Nemours are buren tomb and monument of the 1) shems out with the Prineesses. In thediero drove and walked. On Wedneedry, ato Queen, accompanied by Princess Beatrina Pres Lonise reai n 1 and returned to Windsor in the $e$ morning the Queen, accompante Walked and Prove in Christian we the afternoon her Majesty wen the Princess of Wales at haripat Princess of 'Teck, Princess Cl Victoria and Prince Adolphus o the Conrt will leave Windsor for 0 .h. 15th inst, and spend Christmasin
THE KING OF THE BELII
the South Kensington Museul, Gardens, the Royal Aibert Ha Memorial, and the Refornt Frognore, and remained to iunchand
the King of the Belqians, ac:ompaned took his departure from Londe
Belvium. The Prme of Wale Majesty to the Chariug Cruss the Lord Mayor recelved a comm
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the King of the Belpians, the Mum Count Gleichen, for the purp
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Ehe Prince dined with the Dukp
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Finses. - The Chambers were opesed on Monday
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satítactory results. Comanarce is wot at a atandatil be indirec resence, whe natiral froreana to aige of prosperity rullicas of fratces borte than last bar. Tle a नment sualgets nhow nutahle surplusea, and the Budget for 1072 Will alluw of wur undirtaking to effect an improvement in
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 and from the asserolo
only ozpect a work of wienom and cometination. together Whilo

 cuntries of the globe, France and Italy are about to clasp Mrun thrwigh the tunnel of the Alps, and the waters of the the Suez Canal. All zurope wha represeatod in Begptat the hisukuration of this gigantic enterprise, and if tho Emprase in I have been desirons that, by her presence in a country where have been desionce rendered illustrious, fhe might testify to the sympathy of France tow:
as Yon are about to recume the extrincifnary nession inter rupted by the preantation of the he verfication of the electsons the ordmary session $n$ rill mxediately commence The great boches or the stato ills the mited, wil
stast monification marle in the Constitution aflum will eno Iret particination fire a freah wource of strength, and the Represeutative Ascemblies will have hencef rth a larger
of reepolsibility. Let them ose it fint the promothon of the greatness and prorperity of the nation mar the varints shedes of opinion disappear whers prove equally ly
intereat, and may the Chambers prove equally
enlightenment and thoir patrutisw in cupable of suppor ing
kitn falling intor fiphorable excessen is capabe of sippor ing

 camplitu arainat the (forerrment i, a fienent it




 haritig rauned asoasmation tri he arm liand Thit

 mejority nod took hie matemid choern, Tha lyallothe meins the dectiay of tha then toolk plase, whe rosulf Jorome David, and M Chevandieado Faldo Barob Iu Miral. Two heandred and mentrach membtar and pert in the belloling. It is rumonred that M lamous, If the Eispletor, rand that the riz pintion of 1rime do

 areduced from dd to ide and the weitht allowed

 Weth the recent repori of M larise sul l hare


 Trade I'he diveorerrof ilge bils al hurk, mols, is by the removal of the roots of e great tree, carelesely reverred with stonem 7nd hrond hes smang the ruins of the old Castin of Horres fly. Is. ent the kiket of the
 112e matr tefer traumarm, are lis'a! I lie gaice

 is to be semoved from the facade of the Opera Pinuso nud be replaced by anotber tork of the fame atthis thore in barmony with the otyle of the deonathou. A
 hat tame as Mmn 11 chm, w a arrested at her residence at Lovallofe-Perret, where the Comminery of Police found an apartment elegatly fumuhed, son taining n library. in part monmaem

weetmens of old writing, 1 milati be of tige signatiuret of the host remarcabla yrathes

leged that the aut igraphs had hem. forted by lift som
 was subsequently arrested in that miah'istment mhil in the sot of transoribing an watograph of silsin Pellico. Ile is 29 years of ame, of remarkable intaligenoe and his mother tave been lorged ta praso.
Spars,- The Repuhli atl mimorit returned to the Cortee on Shturday, when P'e Mergall, int grest spooch moved a vote of censure on tho conduct of the Goverio ment while the state of siego was in toroe. Iarshal Pritid bichintinual marartaen, ara khen metre rembore filly, in the meantime he acked the Flout to rejeot the mation, which $-a_{1}$ done by lat to है . the bititing of Monday Sionor F wharil Minister of


 of Crown property was then proceoded With. In the sitting of Thursdy, Senor Figuerol, the Bourbons of Enance, made a violent athack uphan the bourbona, Isabella were respontibie rot the disurpearade of the Spanish Crown jowele. A relcran hom an. Lessaps was read, expressing his lutiod parced oy the spantor Cuar Whe Ministers, the Diplamatic Boiy, sud att Generals pow in anirid were prestat on Thursan at a religtous ceremony performed in memory Saturday
DBNMEAEr.- It the sittetn of the Folkethibg on Monday the Minister of Finanee presented the patirix dollars. This be propnats to cover party by a
eredit of $8,000,000$ riz doltars, and purty by the itnpmition of en income ter.
eome time at Derlut pursung his military education, and a ${ }^{\text {andustian }}$ danincer of Prince Frderick-Charles, nephew of the Kum of Prusula. La the Kiny of Wurtemberg has no
 future of South Germans: Bavaria-- The recent elections to the Diet having
resulted in the return of so LItramontanes and
74 Liberals, all the members of the Minitry placed 74 Liberals, all the members of the Ministry place
therr resignation in the hands of the King on Saturdoy
Prissia - The Cbinece Embassy was received in an oflecial audience by the King on Thursday afternoon,
Mr. Burlinghame presented his credentials, and most friendly sentiments were exchanged between King William and Mr lurlinghame in the name of the Count Bismarck intends to leave Varzin at Christmas for Berlin.
Poland. - The German journals amounce the death at Cracow, ased 10 , of Count Ladislas Ostrowski, one of the most illustrious defenders of that country. drawn the Austrian troops explazation of the wh the coast, that the further pursuit of the insurgents into the inaccessible parts of the mountains was found impossibie, and the occupy the captured forts at Dragali and Zagvordie, in consequence of the severe weather. At several of the important strategical points
Italy. -The Ministerial crisis still continues. On Saturday Signor Lanza undertook the formation of a dew Cabinet, but demnaded as a condition of his accepting Digny, and the Marquis de Gualterio should resign the this posts in the King's household. The King arceded Lanza had not completed the formation of a Cabinet Count Beust, the Austrian Premier. arrived at Florence on Wednesday to congratulate the King on bis recovery. The fétes in honour of the birth of the Princo of Naples commenced in that city on Monday. The ratway communication across Mont Cenis was totally internowstorms and avalanches from the $24 t h$ to the 28 th ult. On Friday morning the snow on the Susa side of Mont Cenis was four feet deep, and no English mail had been received at Florence since the previous MonCenis Tunnel on the Italian side were completed last Week. The tunnel is therefore half finished, and the Weorks have now entered upon Franch territory
Grebce. - The Cnamber of Deputies has again passed a vote of confideuce in the Ministry, the division list showing a majority of oight in favour of the Goveramen
proposed a new leseney 13.11 , providing that in tho Kegent ; that in the absence of the King and Queen Kegent; that in the absence of the King and Queen and in the latter's absence to his brother

The Pbincipalities. - The Roumanian Chambers were opened on Naturảay by Prince Charles. His Highness, in his speech, alluded to his marriage, and announced the complete restoration of friendly relations with foreign powers, and the removal of
all mistrust as to the policy of the Roumanian all mistrust
TOREEF.-Three Ministerial Councils were held last week for the consideration of the Khedive's last repls, in Which his Hirhness deferentially declined to submit
his Budget to the Porte, and maintained his independent right to contract loans, A memorandum, written by the Yizier and approved by the Sultan, was signed by all the Ministers, firmoly recapitulation, from ${ }^{\text {a }}$ Turkish notnt of view, the rights and privileges ing the Khedive to accept this document as a rule for his conduct in all relations with the Porte. Server the Khedive
Egypt.-The Emneror Francis Joseph left AlexanConstantinonle Andrassy left for Brindisi. General Ignatipff, the from Cairo, and in the evening the Khedise Monday official banquet in honour of Mr. Elliot, the British at Ismaila. Mar. Bauer ofliciated on the occasion. It
 any damare to thancan to the Red Sea, without doing INDI.-Arrangements
experımental transmission of mails fromade for the Hayward has left Murree for Coshmore the frst stage in his endeavour to penetrate from India by the Pamir Normal Schocl for native girls fattended at prosent by three Parsce aud 12 Hindoo girls) has been opened in Bombay.
Persian Gulf, arruved in the Peginning of last in the at Muscat in the steamshin Dalloousie, and demanded an explanation of the firing on the gunboat Clyde. Arter several attempts at evasion, Azan bin Ghes, the and officers of the Clyde on the quarter-deck of the Ships Daphne and arrival of her Majesty's steanshins Daphne and Nymph at Muscat, it is expected
that they will be despatched to Bahrein, to chastise
the Shelk of that place for some recent offences agains
China.-The Duke of Edinburgh has visited Pekın incognto and lins since arrived at Shanghae, where his attended a prand ball given in his honour. It is stated and that he has made definite arrangenents regarding the revision of the treaty. The China clipper Inarime has been lost in the China seas, on her voyage from
Foo-choo-foo for London. A reactionary conspiracy has been discovered at Manilla. The principal person implicated committed suicide.
Australia.-The debate in the Legislative AssemUly at Melbourne on Mr. Byrne's motion disapproving the appointment of a gentleman, without a seat in
Parligment to the office of Commissioner of Customs Parliament to the office of Commissioner of Customs
resulted in the defeat of tho Government, Who thereupon resigned. Mr. Byrne was subsequently sent for, and hal succeeded in forming a ncw Ministry. No definite of Parliament it was the intention of the Government to proceed With those measures already before the
House. In Sydney the Parliament had reassembled, and many bills of an important character had been promised, including those for the reduction of the salaries of future Governors and Ministers. It had also been announced that the Government intended to resume assisted immigration. Kenealer, one of the Fenians who was transported to Western Australia, had arrived with $2 J$ of the brotherhood, some of whom are going Ireland. In the South Australian Parliament the Treasurer had introduced his budget, estimating the probable deficiency on the year at 97,0000 . This he proposed to meet by increased taxation, which was duce a fresh budget, and promise retrencliment.
New Zealand.-The latest news from New Zealand brinks intelligence of an attack by the rebel Te Kooti on the friendly allies under the command of Colone loss of 30 men. A general attack on the rebel position was about to be made. Seven bodies were discovered after the fight, and on examination it was found the rebels were well supplied with ammunition. The roops had seven wounded. The Wanganui rebels convicted of treason-felony have been sentenced to death.

United States. - The Government retains the custody of the construction of the vessels to be resumed. A plot the construction of the vessels to be resumed. A plot
has been discovered among the Cuban residents of New York to burn the gunboats. Generals Babcock and Ingalls have gone to Sain Domingo to aid the negotiations for the annexation of that Republic to the United States. A delegation of Hebrews visited President Grant on Tuesday, and urged him to intercede
with the Emperor Alexander on behalf of the persecomply with their request. The election in Missio sippi was held on Tuesday, when the Radicals elected Mr. Alcorn Governor by a majority of about 8000 votes over Mr. Dent. The Conservatives have carried Texas, electing Mr. Hamilton Governor. Great reductions have
been made in the Government departments of the been made in the Government departments of the
United States. In the Treasury at Washingtoo, in which 3000 clerks were employed at the commencement of the year, more than 600 have been discharged, causing a saving of 70,000 dollars per month.
In the War Department 200 clerks have been discharged, and in the Post Office also great changes have been effected. One of the begging-letter writers, who have for some years levied such heavy contributions upon the executors and relatives of deceased persons in England, by pretending to have had intimate associations with the deceased, has been discovered at Philadelphia by the tact of a gentleman at Southampton, to whom he had applied, and who tracked him with the States 1 had passed as a widow, a disowned soion of nobility, a distressed tradesman, and a young English girl of high these and expectations in temporary distress. In all and he stated that within the last two years he had received from all parts of England as much as 30001 by his devices. Mrs Hammond, better known during the war of the Southern Secession as Betle Boya, abd who become insane from sickness and mental exeitement, and has been placed in a lunatic asylum at Stockton.
Estanislaus, found that it had been abandoned by Lopez. They advaoced in pursuit of the latter, who Brazilian army, leaving Geyeral Polydoro in command of the remainder.

## Clty mintitgence

The Metropolitan Loan. - The tenders for 2,500,000l. Metropohtan Consolidated 32 per Cent. Etock were opened on Thursday week at the Bank of of Works, in the presence of the Governor and DeputyGovernor of the Bank. The tenders having been read, it appeared that at various prices they reached an
aggregate of about $2,100,0002$.
'The sealed minimum was then opened, and declared to be $94 l$. 10s., at and above which price about $90,000 l$. Was found to have Exchange firm -one very large bid by a leading Stockapplications were afterwards sent in to the Bank at the minimum price of 94 , and at the meeting of the Board on Friday sir John Thwaites announced that tenders had been received for $2,900,000 l$, and that parties in
the City were ready to take up the reans
loan at the minimuum price. He
Board on this satisuon
 it was announced that the batio
up the whole of
up the whole of the outstandiog ${ }^{\prime \prime}$ bevis Money Market, Friday - B
 India Five per Cents, Arcentine, Italian, 51 to to sis : Mexicaty Egytian


## filetropolts aill fis Fitity

## meeting of the Grand Lodgeof Freeand A mex

 of England was held on Wednesday b Hal many were unable upard seven o'clock the Earl of Zetlantook his seat on the throne and
Grand Lodge, being entitled to
privileges of past grand maste
wardens, the grand deacons, the cra
monies, and twelve grand stewards to escort the Prince into the
Highness was received with
Highness was received with ex
the cheering being renewed
passed to the dals. He wed
mason, and took his seat
master, who addressed him
master, who addressed him in
he enumerated the various
he enumerated the rarious
family who had been patro
members of the
members of the craft. The Prince
with the clothing of past grand with the clothing of past grand
proclained as such. His Rogal procianed as such. His Ro and for the cordial man received. The prand master then
nation of the office which he had Earl de Groy was nominaled in
will take place in March next.

The Approaching Gexe
-On Wednesday the first held in the large roon
The Lon. Arthur Kinnar
Mr. R. Baxter, the Rev.
Rev. Prebendary Auriol
Donald Fraser, and other gentleme in opening the proceedings, sad tin
the Reformation, who had proposed
to observe this month in
been cordialy received in all parts
world, and he had letters atating tuat r
in connection with the fortheo
France, the United Stawa
France, the united states, and
that they might see the hand of Gor
of man in the favour with which Dr,
had been received throughout the wu
posed to hold another mecting that eren
would be continuerl morning
The Hon, and Rev. Baptist Noel ther
Scripture and prayed, and was $[0.0$ We
Prebendary Auriol. rector of St.
and by the Rev. Dr. Cummin
the meaning of the iafallibl
much, after which the
much, after which the Rer
A.merica, offered up prayers,
after reading passages from
Timothy, closed the meeting
The New Magrstere- with praye has been appointed to the po
the death of Mr. Burchan.
The Colonial Office and
at the Cannon Street Hotel, Il
a series pursued by the Impertal
the colonies FFas submitted
It was stated that the moveme
and another meeting was fixed
The New GFNeral Po
of Mr. Brass, of Old St
accepted for building the
The site for the new build
The site for the new beildint
the design is
The facade will be 8GO feet loar and
Will be of classi
tectural fronts
Royal Society--The an
Royal Society was held on 2
Royal Soclety
medal of this
eminent French
hoyal medals to Dr. Matthiesse
physical researohes: aud the
Maclear, the As
Price sud Young, the official
have issued a circular to the p
accept a transfer of the Albert
whioh are able to pass a modica

St. Peter's, Windmill Street, a commutteemas apponted
to collect information with rekard in the realt Hission, and to confer with the lhishops of landun,
Winchester, and Pachester on the I Notrer, TwBLpe Disp, tho subjeat.
the Erankelical clersy of London, who deal nad io ground that it meate lea the reent mosemest, on the and apperstitiols ceremomes, have neverthelas. is.
 rarclese, who constitute on large a proportion of the 12 days' Mission is about to emmmenee. In th These have been followed by cremine in $1 /$ comeches prager meetings, and bouse-to-hotace visitationImong the churches who hare jomed in ths movePhilip's (Rey. A. T. Edwards), Emmanuel (Rer) I: M. Walker), St. James's (Rev. T. Phelps), Chnst Church itcomb), \&c. In similar movement is to be made. the zatropolis ORGaNised Charitable lipitef.-The parish Paddington has formed a committee "for organsang charitable relef and renressing mendicity" under the Earl of Lauderdale, Sir Francis Sandford, Colone Walker, and "Mr. Brendon Curgenven. The plan t be adopted is that already in operstion at Blackeath in the parishes of St. George's, Hanover Square, Maryle bone, and Kensington, whers it has been foun effectual in checking the operations of tramps and professional beggars
Redrction of Taxation. - A largely attended meeting was held on Friday at the Lambeth Matha, to protest against the enormous taxation to which the bouseholders of the metropolis are subject, and memorial to the Chancellor of the Esclueduction. A his attention and that of the Government to the daly increasing taxation which was beeng levied on the honseholders of London was adopted.

Emigration and the Colonies.- A meeting of persons interested in the colonies and emigration, convened by the Council of the Workmen's Emikration Society, was held on Monday in Wormwood Street City, for the purpose of considering the best means of inaugurating a national emigration movement and the maintenance of the connection between this country and the colonies. Sir Genrge Grey took the chair, and said that as an old colonial governor bo consuldered it the duty of every Foglishman to do all in lis power to prevent the alienation of the colonies from the mother prevent the alieaation or the colonies from the mother population to them. The policy of the Government appeared to be to create paupers, and to spend then time in Teaulating pauperisin, Our colomes otferel this country, and it was the duty of the Government Tncland and to corid the plus labour of therene Ho sucreated that the society which had convened the meeting should alter its title to the Workman's Emigration Society for the Maintenance of the British Empire. By doing so they would to pay proper attention to it. The Rev. Dr. Huch to pay proper attention to it. The Rev. Dr. Huch
Allen, rector of St. George's, Southwark, gald that emigration, to be really useful to the country, in its emigration, to be realiy useful to the country, in its present pauperised condition, musty be conducted on a Government taking the question in hand. He was in favour of a national organisation for this purpose, and to create a public opinion on the subject he would move- Thst, at the earliest possible date, a public meeting be held at Exeter Hall for the parpose of inaugurating a movemeat for nationl emigration, an the maintenance of the coanection betreen man and hor colonies. Mr. D. Chinnery seoonded the resolution, which was supportod by Mr. Robisson Mr. Bryan, Mr. Carter, and other gentiemen, and agreed to. Mr. Marsuen Uatham moved that Bir Georm Groy be requested to take the chsir at the public meeting. Mr. Bryan seconded the resolution, which was agreed to. sir George Grey said he should have much pleasure in acoeding to the request, and announced his intention to give 20 , towards the expense of the meeting. A sub-committes wis then appointed. The suggestion of the Chairman for alter ing the name of the society was agreed to, and number of gentlemen consented to act as vice presidents
Gehman Atlantic Telegraph. - A GermanEoglish Company has purchased from the North German Confederation the concession of all telegrems for America not otherwise expressly direated by the sender to be sent by some other route, as well as the right to carry German and English mesaages, A threowire cable is to be laid from North Germany to Lowestoft, two conductors to be used for German Enclish messages, and the third exclusively tor Creman-Amerjcan messages. Tais third wire is to be connected with one of the Anglo-American wh is agreed Telegraph Street to the (roited Slates, for the trans to an forman-American correspondence.
mes ThE THAMEs.-The Thames IMPR En motice of their intention conser to Parliement next session for powers to widen apply to Pare improve the river lames and ite deepen, an the discherge of sewage, sad to levy tares to carry out these works. WOOLWICE ARSRNAL AND DOCRYABD. - the intended cosing of the of conversation in Woolwich. In the mids


 forthofartury


 The tuall, masta, ropention, by onder ir ite A ith, rail?



 parement of ais yrili, me adeplacemetato on the font Commissjoners. 'Tur Pour
Graridaxin-Thn Boasd ard Sr. Parceay appointed a new mester to their corthouse rocoter mouths, 85 an experiment, and the Ioor-luw Bond


 expersenred makter.
 the deathe in St. l'ancras if eriked to nquare into returned a finecial veruct Were trareable to the neplect of the Poop-Law Boand and tho lloard of Guardinns to provide proper Boome modation to the infirmary."

RELapsiNu J'RIFR - The ternporary homital at the

 From relapaime ferer in a faw days The mediead polas report a sleady merease in the number of casman, although tho frovisions of the ised semion of the Sanitary Act relating to cleansing and diminfectiag are sanitary Act rela

Atctealian Mrat Iisnpr - On Wednordey evening a supper was given to 1400 of tho working classes at the lambeth lathe for the purbose of bring
ing before them rarious arepsations of meat. Mr. T. Hughea. M.J., Mr ( 1 Rmed, MI P., Ilon Geat. Mr. Merdon, Jord A. Churchinh, Mr F, Wishon, and others, addressed the mesting. and romolitions in favour of the Australian fow supply wepa snammonsly admpted A mommittee was appontond to conndder tho beit means of bringing this cheap and mutritiour food into general use

## 

 mqu.ry intis the loss of the l'eminular and (Irsesta! the Red Sea on the 12th Sentember, wes concluded on Saturday, whea the Court gave judgment to the effect that ine captaias explanation that do was steering the same courne as that ho had followed in previous drifted the recel to the unknown current must have as the takiag of s single bearing of the Ashrute as the takiag of 8 single bearing of the Ashrufte revolving light, which the ship paseod of a distanoe of Court miles, would heve indiated Breh frot. The Court for tais defoult silspended the captain cortifieate for nine months. Captain Baker, one of the Courb, sald he comeaded in the judgment, but considered th period of suspenston too long.Tre Public Eratith-The Weekly Return of the Registrar-General states that in the week the ended on Saturday, Nov. $2 t, 33 \mathrm{~s}$ births and wave desth were repistered in London snd in is other larke towns of the Unated Kingdom. The annual rate of mortality Was $2 s$ per 1000 persons living, being 23 per 1000 in London, 25 in Edinburgh, 21 in Dublin, 29 in Briswo 29 in Birmingham, 30 in 1 iverponl, 32 in Mauchester a indiord, 31 an Shefield, 26 in braw ord, 2 in 100 in A in Hull, 2i in Newcastle-upon-Tyne, anc is in Glagkor. in Pari tue annual rate in dhe baw was es per 10,0. The tate in In Londor ending the of 10 tos worn 101 girls in all 2080 children, were registered last week. In the sorresponding weeks of 10 years $18: 99$-68, the sverage number, correoted for increase of population, was 2170. The deaths registered in Loudon dunng the week were $1 i_{i} t s$ it mis the irth week of the year, and the average numhnt for that keek, present return is therefore 76 above the estimated amount

## Zrobirctal.

Carlisir.-A publio meoting of the inkubianta of thas diecese was beld at Penrith on Friday, for the purpose or to Bishoo Waldegrave Mr. Hasell, chairman of quarter sesatons in Cumberland and Westmoreland, presiuled, and amonk those present were and a the proceptinos the fharman read a letter from the Bev. F. N. Hilt, of Crosby, suggestang that the proposed memorial shoudd tace the form the lato Biahop's the Cumberland Infrmary, besriag the lato bishops aame, in prefercace the Cathedral itself. A letter was also read from the Rev. Chancellor Burton, suggesting that the completion of the new church of St. Marys After the reading of these letters con-
ment




 Wakdegre fugmentation Fund" Volew were then
taken on eanh propontloo, shen Mr. ('rackanthorpe'
motion in favour of the erection of a monument wa motion in favour of the erection of a monument was rearlution whirh Irmpsed the alternative of a
memorial wndow. A committee was appointed to carry out the resolution, and about $20 n l$. Was at once subacribed

## Ward of $\because(111)$ for The Government has offered a re-

 nouncing the fact, have bect. distributed throughout the country.
siderable dissent some months there has been contown, owng to the incumbent, the Rev. Je, fsher who is infrm, refusing to comply with the wishea of the congregation by appointing the Roy J Shaw to be his about 500 persons, some time since left the church, and bomanleted Ineffecture for themuelves, sheh is now been made, a meeting of the rongregation was held at Wheeiton last week, to consider whether they should not leave 1 hoe Church of England. A statement was made by Mr. Shaw, from which it appeared that Mr. church so long as he lived, and that thia being so the Bishop of the diocese was powerless in the matter. The question was "armiy discussed, one nember observing that they had better go where they were welcorue than stop in a church where they were not
wanted; and anotlier that they would only be going in wanted; and another that they would only be going in
advance, for shortly the Clurch of England would advance, for shortly the Clurch of England would
be disestablshed. A carried unanimously, to the effect that "the congregation should leare the Eistablished Church and join tilat called the Free Church of Enaland." As 000 persons have now left, the parish church of Heapey has only a congrepation of about 50 .
Dovkr.- On Saturday night the mmack Jupiter, of Guernsey, from Jontrose for Plymouth, was run diately. The captain and crew saved themselves in their own boat, which flonted from the wreck, and laded in this harbour on Sunday mornine
Lereds.- A public meotior in favour of the National Education Leqque was hr'd on Menday nielat in the included Mr. George Divem, MP., Dirmingham, Alderman Carter, MP, Leeds; and several pommont the object of the Lrague was to provide a good education for every child in the kingdom, and that the unsectarian. It was urged that denominationalizim had not occupied alf the ground of education, that there was amplo seope for otler Esstems, and that all support the local branch of the League.
he Board of Trade, addreesed a meetin-President of in this tomnon Monday. He explained the Merchant He said that the repeal of the French Treaty would be a great misfortune to England. But there was no fear年milar to that with this country with almost every European Gorernment, and it would be almost against the comity of nations to abrogate the treaty with us while some of the treaties with other countries lad five or six years to run. There was no objection to an
inquiry into its operation, but it must be complete and not partial. The borough magistrates last week deciued that a biçele is a carriage within the meaning
of the Act, and fined a jouth for driving one unon a footpath
Manchisster. - A great public meeting will be held
in the Free Trade Hall, on Monday erening for the in the Free Trade Hall, on Monday erening, for the purpose of arging the Government to grant an inquiry obtain justine for British industry. Twe chair will be he addressed bs tho Hon. Willrabam Eqerton, If P Mr. Stareley Hill, Q C, MP, Mr. Whrehome, MP bottom, M.P., Sir H. Drummond Wofff. Majnr Eperton Lelah, Mr. Rirchardson-Gardner, \&c. Organikatinus in Loodon, Birmingham, Rochdale, Wakefield, Leeds, Hull, Cheltenham, Blockley, Hapurhey, Coventry, ton have already stgnified therr intention to aid the committee.
Newcastlik-on-Tyme.-A conference on education the Birmingham ineague and the Manchester Unich were fully represented. The chairmen were Sir Armstrong, Right Hon. T. E. Headlam. M.P., Aldernumber of 31 P , and the Mayor of Newcastle. A cussions ensued bettreen the promoters of the rival systems, but mo votes wrea allowed to be taken on the one side or the other. There was a public meeting in the Mayor presided

 tion were very fully discussed.
NobWich - A meeting of the guarantors and others
interctel in the rccent Mnsical Festival was beld on Saturdar at the Shire Hall, Lord Stafford in the chair A report from the general committee was read ctating
that the festival of 1 now, though highly succes-ful fromi
a musical nont of vew, bad becn a falure in a pecumusical nomt of new, had becn a dajure in a pecubution among tbe local charities. The total receipt fere $3.961 /$ and the total expenses $3969 l$, so that the concerts had produced 31 1.0l. of the receipts, and the
ball, performers absorbed $1,2+1 /$, and thooe to the instruadonted, bant it nas reablied, ofler a chort diccussion
OuFOnt Mr lidward S. Talbot, of Christ ('Lurch, announced that the institution will open in October 1870, and that he is ready to receive names for ation the candidates will have to pass a matricu many colleges and sueh as will pive sonse security that preyaration. Thare will be roons for 100 students. In those which now exist, drawing its members from all classes, and fitting them for all professions. It starts, however, with the eppecial aim of being a cheap college,
combining the ordinary adrantages of lifo in a college with a cost lower than is possible at any of the old colleges. Mr. Talbot thinks that this may be done
both by a lowered scale of college cbarges, paid as a fixed sum each quarter in advance (amounting probably arrangements and disciplinary rules as will mahe economy easy and extravapance difticult. It will no be in any sense a party college.
RamgGate.-About midnight of Saturday last tho foreigu brig Bukubon, of Gnmstad, from Poole fo Grimstad, wert nchore on the North Sands Mead of
the Goodwin Savds, during very thick weather crew succeeded in getting bery of on the flow of the tide, but she was so leaky that she foundered soon afterwards in the Gull. The crew, nine in number, took to their boat on Sunday morning, and after rowing for several hours towards shore were picked up and landed at this port.
Walsall.-The sum of nearly 1000l. in gold, notes, and drafts, were stolen a few weeks ago from the of this town, by two boys called Samnel Thompson, ared
timped to attend to one of his assomates. They consurpsinn, for sonse dins, when they absennded. berths in a vessel about to sail for Australia, This fact came to the knowtedge of Simpson's father inquiries at the shipring office which alarmed the boss and cuused them to Seare London for Liverpool, Wrere they were captured, at wonnide Ferry, on
Fruday weak. On being apprehended on the bridge Friday weak. On being apprehended on the ride to into the river a purse containine hetween 50l. tad 601. ink gold and 60l. in Bank of Eugland notes, and
a bankers' draft for cion. Thompon, who had in his possession the sura of $\mathbf{5 R}$. 15 s., on his way to l3rideWell, made his escape from the inspector who had ham suce been employed to recover the money, but without success. They befiere, however, that they will ulti-
mately be sucreseful, as the botom of the river, near where the bag is supposed to be, is very stony.
Warbington. Whe inquest on the body of Mr. Samuel Gleave, the farmer, who was murdered on the verdict of Wilful Murder against on Tuesdey person or

## persons unknown.

WIGAN-A serious explosion oocurred at Swan ix o, Colliery Hindley Green, Jesterday morning at another injured. The gus ignited at a naked light before work was begun.
Yobk.-The heanng of the case Noble v. Voysey York Minster, befmesmr. Granville Vernon Harourt the ('lirtacellor. The question ts be determined wis thóadmisson of the articles whech had beea tiled against the defendant. The promotrr of the aetion was Mr. delende, of 1 ork, the archiblshop's serretary; and tue curate of Healaugli, near Thadcaster. The defendant was charged with laving written and published cortain books or pamphiets, entitled "The Siling and the Stone," in which he has maintained doctrines totally mularienco fith the articles of religion and the for mularies of the Church. A commission of inquiry
reported that there was suffient prime facie ground for institutimg fur ther proceedings, apd in July the arch bishop inhibiter the defendant from performing any services of the Church in the diccesc of York until the entences should lave been given. Mr. Voysey now appeared in perann, and entered into a long defence of that all the allerations acainsancellor gave judgment from the Church of were a ground for excluding him ore also condemned

Reronted Cintanio.

| mbint-Tbe Dublin papers are, hase babyity of a cpeedy clatata in or the Chinef sereretars hap, ib. |
| :---: |
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## 



## 

 O'Donovan Mussa was andons of the supp the streets with drums and displayed wrren badang lighted, and the Mayor was
were samaslied. On Fridsy hight procession took place
thie event. Five thou-and
There were 100 torelues, several many tar-barrels and borifee in the bouses werc illummated.
was present, but there saas bo distlerme" At Kanturk, however, three inceadiars fint simultaneously, and were said to hate betw because the owners of the properts had not in Croom, Westport, Slogu, Rathikea, at - : other places, on Friday and salurtay those who refused to slumulate mete to the mob.
Trnaint-Riglit Meetinge - on Mesita right mecting, under the pres dency a
was held 10 Dundalk Corithouse about 50 persons specially admitied. The : lasted only five minutes. Two resoter chatmes tenant-right were formalls prepond at
carried, when on immense mo, and "Amaesty," brohe 1a. I. il
 Amnesty cquestion, but the moob, in s. 1 ll strance of several priests, would uot hat
 "God Eave Ireland!" A grand tensnt-farmers was held on
common, the Hish-Sherift presi

## were adonted

dinal Cullen isucu a pastoral le
lanty of the diocese of Dubl. n ,
IRome to attend the (kcumeni.2
them to pray for the "assenbiter
pray that their "straz ing brethre
 them to the one fold and the et they nay profes the true farth an
tho one Hosy Cathelic Church, is no ealvation." He refers to which are disseminated by anarchy, the spirit of religion a prescryative. In conclusion
attempt to revive the practice of aud the continued efforts made due in in : to revive and spread the seeds of litian $n$, is 14 people, and to seduce foung and unwry it is ling, he sajs, has been abandoned men, while Fenianism interested land agents to preven.t
ATtempted
ATTEMPTED Assassinitios Another county Kidare on Frilay. Doran whs ploughing in ins second shot took effect in hi, ief slots, which missed, foilowed, anc
ran away. The injured nian manage and was conveyed at once to Dubis. were extracted, and found to hase his brother, a deputy avent. consecuence of having ejected a tenat day evening A Sub-constabl Stradone station, near Caran, w the road for a walk, while pass fired at by two men concealed be been arrested on suspicion.

## Scotlaniv.

Tae Education Question in sur the Free Churoh of Scuiund Commine
brourlat and fiter muth
on the table, it betng doublich
the Suotch Education Bull
opposed the denominationat


## - in the corernment the necessity

## adir rmive in the shape of a sham

I. sat beconded in comparatively moderate
ars-adment was moved that memorialis-
The introduction of the ganendment confusion, and strong things apainst There spoken. wha partially turaed down, and a 1 amen lwent $h$ ing put, the clairman rearried. No actua breach of the ? ${ }^{3}$ are been propovel, but the disorder - ${ }^{\text {in }}$ finlilsion - On Friday morning, ; lock, the steamer Rose, frome
andert, was rim into ly the steamimath Vess lork to tilesruw. The watil the Plad la Lighthoure, on the
The lase wat cut down below rat is she was fitted with watertight 12. ciftam succeeded in running her $\therefore$ and innded sa'e'y at Ardrossan. u-luLT EXPLOSIUN ON THE CLYDE1.e boler of a screw steam-lighter fin of the those creav, supposed to men, who were blown to pieces. the s.equer is not known, but is supposed bulougiag to the Loch Melford Powder
(1) Taraxs8. -The Marquis of Bute

1 Castle, with the extensive eskates the Countess of Loudoun, for the same a Pro to the late Counters of Toudoun who $\rightarrow \rightarrow$ rent of ronsiderable estates adjoining, one 22k: proprietors in North Ayrshire.

## 

(ind Mans Penny Tratns,-A meeting was What at the Ve-try Hall, Padding on, the Dosida of the Board of Trade, drawn up by Metropolitan, and Suburban monts bad destroyed thousands the dwellivg of the working elasies, themi elther to hive in over-crowded araj from their places of employment for this the railway fares were above their
$.15+15$ accommodation for the working by the existing laws was quite uirements of the age, the rapidlypalatin, and the well-being of the work in 10 the suburbs. It suggested that for return at any time during the rauns of 10 miles from tho Geveral Post Ira of 'l' per journey. Deputations had 1. lisays on the subject, and had been whurteously by the direators, who ex 4 mih) to do so according to the Aets of ant beingunce of the compensation in Selaraation, and the secretary announced r molitan Ra.lway Company had agreed to amigy with the lst December forkmen at ang with the 1st December.

## 紋.

## 

 $=15$ as carme teaf re their lordshipg on an appeal in the e, then wisked, which charge was not Anally made, the Doened in the articles, or ih, charge mat quve leare to appeal on the
 Sor inn to misst capse before they can proceed

7 ad mile- when bot houlyired. Another charse
$\therefore$ :ht ippotingtion, Mr Mackenoche boly appeared in
: If crons shal oheyed the monition of the

-Aputinatone v. Rev. John Purchas,





 -In thats case the secretary to thre Bishop of Worceator inuth Upton 8nodsbury, for simony in obtaining that living by
 the transaction. Sir H . Phulimore, in giving judgmont, offences had beer proped. He regrettod to may that that both persons-0'Donnell, Workman, nid Mereat, connoctod with England. Afe pronony, were the defendant a "diathed porson" to hold preforment in the diovose of Cantorbury, declarod the
 heving brought an action bealnat defondant in holder of the stakes in a soulling match between Badler and Kelly. The declsfon of the Court below was afirmed, und Badler thorsfure
geta hif elare of the atase.

Ifconsed victualler, was charged with satting art to hif hool with inteat to defraud two lnsurance oomparien. Primen niarm of fire was eiven at 2 fo the morning, aftor the place had been oloaed three hours, The fremen, who weve soon at hand, got faide and oxtiugufahad the flums. Thecs then the flumiture and fithusesiturated with pataflat The jurs
 Faid, Hoxton, was charged with wettiof f1F to bos bomase ull Orisoner And all his famify went to atheatre in the cren ne Cf
 and a pile of wicker baskets fillet with papler, ethrotel with
 chse was fult of sumpicion, they had gisen the pras ber her benofit of a dohn Foskeff, 21, was charged with attompting to nurder Mary Ann Talbot, his sweetheart, in Now Church
Road, Camberwell. Proscoutrix and prisoner had been for


 then tried to cut his own throat, and did woand himself, but
not seriously. The jury returned a verdict of Quthy with not seriously. The jury returned a verdlet of Quthy with penal seristude. Mr. Justice Brett ordered a reward of Bl., for tho mirage he displayed in reculag the young woman, and in afters mis securing the prisouer himself whon in tho

 17, 17abourer, wan convicted of a listway robbery in the Eubton Road, and santenced to 15 muntha hard habout. John Cole, 17, labourer, wis convicted of a highway rowocry in against him, he whs sentencod to two years imprisonment would have inflicted a sentence of penal servitude if any would have infticted

## Goftuard

Lady Blantyre died at Nice, on the evening of the natb nlt Her ladyship was the recond daughter of the late Dike of Sutherland, by the third danghter of the sixtio Eurl of
Carlisle, and was born in 1 R25. She married, in 1833 , Lord Blantyre, by whom ske leaves an only fom anil folir dinughtera, Her ladrshis married to sir Da Fhinchere of Argyll, the Marchioness of Kikarc, and the Marchioness of Westminster Lady Casisbelt, widow of Major Gencral Sir Guy Campben,
Bart., died on the 25th ult. She was the cldest daughter of Lord Edward Fitzgerald, sons of the fifth Duke of Lainster, Tho died of wounds received in the Iriba webla of Sir Givy Sho was 0 whe to whom she was married in 18 inn, ghe had Campbell, Bart,
Lady Cooke died et Swansfield House, near Ainwick, on Sir Willinm Bryaa Cooke, Bart, of Whitloy Parlc, Yorkshipe: the daughter of the late Sir Wilbem Mida Cow, of the late Sir Charles Monck, Newestle from 1830 to 1847 , diad a fow days since, at the age of 64 He whs an enainent archanlow and antiquarian, and the author of severa standard works.
Ma. Burozax, the police magistanate, died on baturdys, after a palnful and língeriog illneas, at the ago an i pmanater
 locted Fellom of his collepe Ho was called tolk circurat It Innar Temple, in 1543 , and selected the Nomen examiners, and an Wamomer of mental philosophy, in the London Linversity Both ofices he resigned on liss appointment as mask A Geckett, in 1856 At the sitting of the court on Monday Mr. Purtridge referred to the demth of holar, as able lawyer, nud a human and impartal judge. ungs. Sho was the daughter of Caretano Grifi, an officer of Euggneers under Napoleni, and wias born at Mian in 1812
She was the Founger aistor of Giudeta and the older of


Wisis -Thin wit , it lomel Aloxander 3ary Montgomery Colonel Wigram. Soot Pualliar Guardar, Iato - $11^{-A}$...twinty Mryare, 40, foul. \& Mr. John Mawdeloy, of llat ...se "I:arc,
 Halcs Owan, 14,000i.

## fartacts.

## COVENT GARDEN - Dec

 conalinments from tho ciontinent boing again lerge, thero in
difficulty in effecting aslon, tinions at a refuction. Foth
 Capuan, romug Radiat as, Cirtuts,


 tu the sharj, weather of the last fin disa

## Appla, of fateve, $2 \times \mathrm{c} 1$ to is

Tain mh. Fat 100, be to 100
Clestmits, p hugh., is to 16 , Mransif, 1 jur 100, os to 18
 V CGETAMLES.


 Cabbages, per doz, 18 to 1 cod P'arsley, ner bunch, gd to id Carrots, per bunch, $4 d$ to 81 Velers, p, bund, ls to la Gd Salsaty, per busdia, to to is vumumbers, each, 6d to 1 n Endive, per dom, is ed to in
 Garlic and shallots, per lb, 8d . Radishes, p , dos, is to 1e 6d


FOTATOs-OUMEWARE, Monday, Nov, er
During the past week the arrivalis th cistiwise and by rall have betn more plentiful, and inte cqual the domand. The trade still continues riah The fohming



ENGLISE WOOL
Thore has been nothiog freah tn the market. Phice keep firn, and the tendency seums upwards, aitbough manuiac
tirers are much insir, lined to pay more momes, an they
factured grod


METROPOLTTAN MEAT MARKET-DEC
Best Fresh Butter
Second do.
Bmali Puric,


THE G．IRDENERS＇（TTRONTCLE AND AGRTC＂ITTRAI G：MZETTE

HA M：－Per Load of ${ }^{38}$ Truseed
 Primo Meado
Intorlor do
Now do．





 metropolitan cattle market．
The surply of Beasts i frather larger ；there in，however， Mond demand，and last Mondaris quotatron ara wall main

 land and Home Counties．
Bent Scote，Hers－
 2 Ca quality Beants Best Downs and


The number of Beasts in considea
and on a Thursday for some time rably larger than wo have and Monday＇s quotations are readily obtained．The supply of sh dull，but prices for chotcest qualitiles are not much nitered．

Best Scots，Here－
Best Shorthornis
Best quality Beasts
Half－breds
Do．Bhorn
6 to 5 in B
Bost Long－wools 5 $\begin{array}{lll}4-5 & 8 \\ 8 & -4 & 4\end{array}$ Ewes \＆2d quality $4^{\circ}$

Beasts，1742；Sheep and Lainlm， 5010 ；Calves， 298 ；Pigs， MARK LANE．－MoNTAY，Nof． 20.
Thero wns a moderate espply of Eaglish Whent to this morning market，but no improvenent could be made on the
ratee of this day acinnight．The attendanco was good；factors fommonced by akking higher prices for foreign whatit，snd 2 of about 2 s oper Tr．पuon the lowert price lhately paid，but

 cheaper．Flour sold slowly at late quotations．
 Forfolk
Forcigan
Barlet，grind．©diat．29atosis．．Chev 40－53 Red． －ATs，Esacign．．．

Ecotch aud Lincolnghire．．Potato to 24－28 T Feod Rye

## hemeat，Forcign

Beans，Maragan．．．s5s to Mis．Wick 30－49 Harrow －Foreign．．．．．．．．．．．．．．．．．Small 41－43｜Egyptian Pras，White，Essex，and Kerit．．Boilers $37-42$ Sgffolk
 2d ditto．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．．． 30 －

## 2d ditto． <br> $$
\begin{aligned} & \text { CDer barrel } 2 \\ & \text { IDAx, Dec. } 3 . \end{aligned}
$$

The rates to Friday，Dec．3．
The rates to which the late large arrivals of Rusaian and of winter，have given confidence to dealers and millers to increase their stocks，and caused also some apeculative pur chases，in consequence of which a better feeling has been established throughout the narkets of the kingdom，result－ descriptions of Wheat．In a fow of the agricultural markets grown Wheat，but the movenicat is not the price of home bably to the lieary stocks of fortign in the chief ports of the kingdom，and the fact that there are now about $1,250,000$ qrs，
of Wheat aflat for our shores from all parth of the world，and continued touch depressed，and to effect asles further alikht nearly 2s．per qr．in some place． isted of since riclay last the suphlies off the const con receding week，there remaned for sale last night 61 cargoes， ecovered 1 s ， 6 d Las impruved in tone．Hhack Sea Wheat Maize tevding upwards，Buarlej steady，Rye a líttle dearer remains suspeudecl． The armirals of English grain this week are moderate，of at this morning＇s market，and the English Wheat on offer was sold at the extreme rates of Monday；Amorican was held fur an advence of us．per $\mathrm{qr}^{2}$ ，which was paid by needy inquiry，and paces were unchanged．Barley，Jeans，ind per qu．

|  | Wheat． | Barley． | Oats． | Flour． |
| :---: | :---: | :---: | :---: | :---: |
| Irlah ．．． <br> Forelgu | 1170 qrs． | 1050 grim | －qras | aka |
|  | 57，150＂ | 4800 ＂ | 74，380＂ | $\left\{\begin{array}{l}1090 \\ 4070\end{array}\right.$ |
|  | 58，920 | 5950 | 74，380 |  |

sumption，at 2d．per cental advanco fince Frriday in all descrip

 round yellow，29n，6d．AvERAGES．

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| Wheat． | Barley． | Oate． |
| :---: | :---: | :---: |
| 46 ld | 88568 | 24s 2d |
| 462 | 38 3 | 230 |
| 471 | 385 | 2310 |
| 4611 | 389 | 3311 |
| 488 | 388 | 235 |
| 456 | 881 | 23 6 |
| 465 | 385 | 23 T |

SEED MARKET．
Our secd markets continue quiet but firm．Vilucs of all quantity of seed is just now changing hands．The sort most in requast is large－grained purple peed；this kind is in white Clover geed holders nbroed are ralsing their demands French Italian has gone las per cwt．dearer，the stocks in ur Gormaty，No attention is at present given to Trefoil ace Conary seed，having reached its lowest，has advanced during the last few days fully $2 s$ ，per qr．New French Hemp seed Komigsberg spring Tares，for future delivery，cen now be bought at very low rates．The cold woather has caused an
mproved inquiry for boiling Peas．Mustard seed is very irm，and has met during the past week with a briak demand Rapeseed is without change Feeding Lingeed is in goo
request．
Jom SBAF \＆SoNB， 16 ，Feter Lane，E．C．
$\xrightarrow[\text { Joms Bhaw \＆Sons，18，Weter }]{\text { Horovar Market，Dec．} 3}$
Messra．Pattonden \＆Emith report the market quiat，the unchanged．

MESBRS．VETTCH AND SONS wish to ENGAGE a Sins thoroughly comperent to tase the ncluding the correct mnning of Planth so．Apply by letter，Atating亚
W ANTED，a respectable Couple．－－The Husband as Gardon fs all grown for Bale；the Wife as good LAUNDRESS． WANTED，for Portugal，a YOUNG MAN，well up in Flower Gardening aud Propagating in all its branches，Able WTANTED，a YOUNG MAN，well up in general Preforred．－State age，quatifcations and wages to Z ，M．，Gardencrs
D ANTED，a gteady YOUNG MAN，to work in the
 Gre and quallitont

 WANT PLACES，－Letters to be Post Paid．
D）AYID MITCHELL NURsERYMAN and SBEDSMAN D（late Head Gaydener，Hidmilton Falace），can with confidence GARDKNBRS．Figheat reforences cank be given－Apply，in first
Instance，to DAVID MITCHELL，3，Hanover Streot ；or Dean To Gardenerg and Balliff（Head，Foremen，or Jnder） J AMES CART＇RR AND CO having many applications
 unquestioablie references need apply．
ADy Lady or Gentleman requirig GARDENERS or BAlLIFFS biong in reforance to testimonials as 10 ablitity honeaty， $4 a$
TCOMCE PINCR
I REGISTER experlenced GARDENERS，whom they ead rooxmmend to All any Sitnantion，WhDethor nis Houd Gardener to a

H XPERAENCED GAKDKNEKS（or as GAKDENEK Hentlemen．Frurther partioulars quan on apptlcation to M Messrs．


M
R．WM．PAUL bega to announce that he has made Gentlemen with which We Fill be
WESE，
GurDeners，and GARDENERS aud BAILIFtY，of various

VM．CUTBUSHE AND SUN Beg to stato

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Whose cbarmeters Will bear tho strictogit inqury．Any Gontlernan

（ARDENER（HEAD）．－Age 30，married，one child． branche日；froterate character．Is Woll known to Mr．E BENNETT，

AARDENER（HRAD）；age 40，married，one child．－ Gardener of who or trustworthiness he can speak most bighly Hat been 10 jeiras with the Bishop．- G．B．，Cuduesden Pulace，whetatey，Oxon．
（YARDERER（HRAD）．－JOHN HAWEING，Head cogagemont with any Noblemation or dentleman requiring a thorough

A．d
（YABDENKH（HeAD），or GARDENER and BAILLFF
ence in both mornached，one chitd has hid goon practical experi－














SALESMAN，in a Seed Istalishment－Sindt

S HOPMAN，or ASSIITANT．－Serent


＂Invaluabie，＂the Invariable repor
BRADFORD






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 In use the late 解 year for In boxes at 18
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## ©armenetg Chromicle $^{6}$ ancogpaper.

3.:ORIl, DECLMMER 11, 1869 \& por numpien nd Prove apply tn A an PINE COCOA-NUT MATTING th's Frind No othor kind in durable, $\rightarrow$ all other Comet ishe Ie free by hoath, Ludgute I111, E C , MtTS. Ir Contring Garden Frames.an L , whe, wisos the size of orery class of Mat,

and
and protection from Frost
ES TARP AICLISS, any si/e, strong, $1 d$. ver



 -n: int hat company, OldSt. Pancras Road, London, N.W. TT, TMPROVED GROUND VINERY, cheapest - Beo llitutration in "Horticultural Journal," Dea. a
 URD HOUSES, as built for Mr. Rivers, fixed



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IMHLHST and BES'T METHOD of

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FIVES made expressly for Greenhouses, to Burm Whater bs filing up with the Patent Fuel every S. NASH, Patentee, Geaderal Furnibbidg Ironmonger
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COTTAM'S HDRDLES are made in the beat manner
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Thelr advantages gre- Portanlity, not Fxteres, removable a Vermin, Hay Rick dispensod with as utuccecssary, itcreasyod wrodth and dopth of Fepding Troughs Water Cbtorn, nad Patent Drop Cover to prevent orer-gorging, cleanly, durahlo, and dmpervious io Prospectosos froe of COTTAM AND CO., iron Works, 2 Winsle Stroet (apposite the Pantheon), Oxford Street, London, W, where


Caution to Gardemers. When you sels for







 Iron Claterna
















 WATERはROUF BHLKIARI TARLE (Y) ! ! !
JAMES LYNE HANCOCK, Fulcantmod Iudim-Rubbet Worky manemell Road Londom

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The" Gardeners" Year Book" contsins, besides the information usually found in Almanace, a great mant of valuable information, and numerous useful Tables in connection with Hortaculture; a complete Garden Calendar. Nobices of all Horticultural, Floricultural, and Pomological Novelties ; al8o a Directory of all the rincipal Seats of th.
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ORMSON'S PATEAT TLUBULAR BOLLER.
 Whe of the Boiler, and not wasting it by Heating Briekwork and Chimneys, a fault comanon to the great majority of Boilers mow in use.
Homolers are made of the best Welded Wrought-iron, of good substance, having no orerlapping plates, holes, or rivets, and are therefore perfectly sccure against ense to anto and contraction of the metal, an ocerrence so frequent and fatal to all forms
ease to nate diameter and length of Pipe to be Heated.
Henry Ormson, Horticulturai Bullder to Her Majesty,

AND TO THE ROYAL HORTICULTURAL SOCIETY,

THE NWIN YETHOD of GROWING FREIP




## ${ }^{11} 1$ 











Studental Edition, each oomplete in a single Volvme and APPROPRIATE for READING in the HOLIDAYS.

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## 'TIE REV. SYDNEY SMITH'S MISCELLANEOUS

 THE LIFE and LETYTERS of the REV. BYDNEX

 CHEAP PRINTS. - AJob Lot of ENGRAVINGS Rud
 grouanupplied -J, REYNOLOS, 174, SRrand, W.O


 THE INNDUN ASSCRANCE CORPORATIO




## 720me Xefus.

The Court.-The Queen and Royal family continue at Windsor. On Priday her Majesty drove out
with Princess Tock, The Prince of Wales and Prince Christian, Prince Teck, and the Nawab of Bengal, Tent out shooting. Lady Jane Alezander arrived at the Castle on a visit. In the afternoon the Queen
trove out with Princess Beatrice. On Saturday in torning the Queen walked and drove in the grounds Wn th Princess Louisa. Prince and Princess Teck, Pn ncess Claudine, Prinoess Victoria, snd Prince Mr. 1 Teorge and Lady Charlotte Russell left for Lon-
don. In the affernoon the Queen drove out with don. In the affernoon the Queen drove out with
Prince is Louisa and Princess Beatrice. The Lord Chancer lor and Lady Hatherley arrived at the Castle on a in sit. On Sunday morning the Queen and Chaplol. is "he Rev. Dr. Barry, Principal of Kringe College, pre rched the sermon, On Monday moraing

Princess Beatrice, visited Sir James Clark at Bagshot
Park, and remained to luncheon. The Nawab Nazim Park, and remained to luncheon. The Nawab Nazim
of 13 eneal, accompanied by his eldest son, Prince AliKudr Hussan Ali Bahadoor, went out shooting. The Lord Chancellor and Lady Hatherley and Lady Jane
Alexander left the Castle. On Tuesday the Queen,
 Otwens House, Twickenham. Her Majesty travelled
Iny a seccul train on the South-Westorn Railway to Twickenham, and returned to Windsor at 5 o'clock Yrincess Beatrice On Thursday morniue the Queen
walked in the Home Park with Princess the afternoon her Majesty, accompanied Wales at Mariborough House. Her Majesty travelled by a special train on the Great Western Railway, and Majesty will hold a Council at Windsor Castle. THe PRincess of Wales.-A bulletin was
infac ware s continues well. Her Royal Hiat in netat priare $s$ continues well. Her Royal Hightuess"s
recovery bang so far advanced, it is considered un-
necesary to is necessary to issue any more bulletins.
Park on Friday. On Mondey shooting in Bagshot Park on Rriday. On Monday his Royal Highess
visited the Cattie Show at the Agricultural Hall, and afterwards left town for Studley Royal, on a visit to Earl de Grey and Ripon. On arriving at Holbeok the Prince's carriage was attaohed to the North-Eastern cheered by the pergons assembled ou the plat form. The Prince was received and escorted to Btudley Royal by Iord de Grey and Ripon, whose guest he remained till Thursday, when ho returned to town. Yesterday his Royal Highness attended the funeral of the The Arogbise. was issued on Tuesday, signed br Mrery, - A bulletin Mr. Walter and Mr. Raven, stating that the Archbishop is qoing on fasuarably, ynd has gined gonsiderpreviously exchanged his bed for a couch in an adjoin. ing room, and had been able to spend soveral hours a omplete in the lea and ensibility is also returniog bow the affected arm, On Wednesday his Grace was able to be dressed for the first time since his attook.
The Canivet. - A Crbinet Council was held on helday in Downing Street. Another Counen was l'arliamentary Moytuenfs.-The Mon. Normau crosvenor, son of Lord liburg, was elented for Chester who has succeded to the peerafe as Marquis of West. minster. The Lynn election terminated on Wednesday ration of the pioll shows that Lolid (laud Inumithom, the (') mervative undid.te, was returura by a marits
19 over Mr. Young, the numbera being 10.1 to tils? Confrimation of De. Temple- The election of on Wednesday at lBow Church. Objections as to the orthodosy of the bishop-clect were raised by Bishop Trower and others, but Sir Travers Twiss, the Vicar-
Gंeneral, held that it was only against the manner in General, hed that it was only against the manner in could be heard, and that 如ey had nothing to do with other matters, The Queen had approved of Dr. Temple as the Bishop of Fzeter, and had oommanded the him. The archbishop had issued his fat to him as Viaar-Ganeral, and he was of opinion that he had no power to revicw the appointment of the Crown. II was loudy oheared as he left the churoh Bishop Trower and the olergy who are aoting with himare now obtaining signatures to a memorial to the arohbishops and biahops, praying them to evert from the Chrestoned"" by withholding the with which it is Temple.

Consecration of the New Bishops.-The consecration of Dr. Temple to the Bishopric of Exeter will take place in Westminster Abbey on Puesday the bury not being suffioiently recogered top of Canterceremony will be performed by the Arohbishop ceremony will be performed by the A rohbishop Chaster, Worcester, and St. David's. Lord Arthur Hervey will be conseorated Bishop of Bath and Wells THE Breyop and enthromement of Dr Goodwin as Biallation Carlisle will be molemnised in Carlisle Cathedral on Wednesday next. Hitherto these ceremonials have been conducted privately and by proxy; but on this occasion they will be public, and the new Biahop will THe BTsFor
THe BisFopric or Winchisitrr.-Bishop Wilnext, the will be enthroned at Hinctiester on Thursday hold a levée at Farnham Castle. His fordship has appointed his son, the Rev. Ernest Wilberforce, late rector of Middleton Stoney, to be his ohaplain ; and has offered the living of Middloton Stoney, vacant by this appointment, to the Rev. Basil Wilberforce, who hag declined it
The Bishopric of Lincoln. - The Bishop of Mackenzies recelved an intimation that Archdeacon diocese. The Archdeacon was formerlv incumbent of afterwards vicar of $S t$, May vicar of Great Yarmouth, and II o is now Archdeacon of Nottingham, Sub London Lincoln, and rector of South Collingham.


## foretgu.

France.-The Empress Eugenie, af passage zoross tho Mediterransan,
Aigle at Toulon on Friday night. Har The France anno reachad Paris on Tecent Parliamentary movements, placod their resiguation at the dispoad ad and that his Majesty has conumuniauted whach fatom M. Olivien, enplaining the Chanaber and the drawins an Whed gs deputies have alresly litw on public safety, the mond: tho constitution, the revisisis
sitppression of the newamper stat. tion of triul by jury fir 1 rus,
matatenance of a policy of peat ting of the Legiblative Body oil lian demanded that in futures thio Legislative Assembly being themselves olectors of tho Chamber from watever quaricer it any surphice surpries, MI. (Trus, be'ta suprortel tiken this precaution
ceeded with tae
sitting of Saturday $\mathbf{M}$ de Latour-
in the Chamber. that they hat The Ohanber the Emparor in order to elections. In the sitting of Mno lay appointed to draw
Rhin proposed to in the depirtment several urregularities, aud lyecaue the sua date had only Keller, Chevandier
MMported theyrusse an
Iwelve deputies in all were declarel dult the election of M1. Durand, De
Orientales, a proposal for
was brought forward, and rejected by 13
and M. Durand was afterwards declared
In the sitting of Wednesdas, I R Ropgi table a bill, signed by himsoif
fort, proposing decentralization intereat and centralization in mata interest. The verification of the doub subsequantly resumed. M. Forcsuie de of M. Braest Dréolla, delivered a appech io B. $^{2}$ said:-


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ond nrmness
shail have. This
the wo
liberty.
This speogh wea received with took note of the deolgretions of $t$ Interior, but saw a flagrant contral Gberal speech and toe demana
votes against 77, declared M. D
sitting being read, M. Ifen
against the ridicule which the Mminter andespoured to cast upon tie Bull whol
'
 wero ratified, tho former by 165

Roquette on tho speech lie odoeday, and the speeoh is regarded ns a great success.
foreathad ow the sbolition of the oandidates. The Protectionist
M. Thiers, jntroduced on Satur-- mod by on demanding that notice should $\rightarrow$ sen persons, nar he,d at Rousen ourer Qaertior defint m-1ttution in larim of the dowe dittee of Industry lle impugned the
Conarne the arcuments of the fluakers at on melire ad siowsed demonstratine also $\because \rightarrow$ eryert trade had increased but little If wise an appeal in favour of a far and i...a. and expressed rellance upnn the Huphnarors, not prohibitory, duties After $\rightarrow$ rest against the administrative inquiry asd, and \& demand that the inquiry should :Tentury oue. M. Guizot has published a wh. Ih hr mys that all who advocate $\Rightarrow$ be unted to oppose revolution. The Jumary next. Hi* Jmperial ]Liqh huess tact lmanaculate Conception, the town has Illumantell in tho cvening. A band int lllmin or toint lersons traversed the .imbut agabst the and breaking the gas lamps in front op's palace and the h
In the sitting of the Cortes, on Friday, the rinance made a further statement re-- Aipen Chitistina, when slie camo to nenme of 30,000 piastres, she has of $10, \omega, \mu \omega$. The Cortes adopted a mothat a parliamentary inquiry should be brogating the law suspending the conabrogating the law suspending the concon questioned the Government 23 to the intil. Senor Martos, the Minister of State, the convocation of the council had sugCatholic Powers the advisabinty of pro.He referred to the course taken by the Cuda, and said that the views Jhethism, whereas he consadered the ress of civilization. In conclasion, d diplomatio circular in which Prince munnicated to the Cathonic Governments hemre that in the despatches be had sent bad declared that the Spanish Governresolved to oppose any decision of tho pressed by the Constitution of 1869.
Tha Government having ordered the
Paris, the Droced to his post as Portugued compliance, and ation. The King has accepted the
Marshal to express varrison recently
manifestations acainst him whlich were the theatre, and in conjunction with the prestige enjoyed by the Marshal feared that further military demonstrathe plare.
. F members of the Chinese Embassy Ming on Saturday. Mr. Bancroft, the Embasay on Monday entertaiament in mmoned from Varzin to Bonn, in consedanararous illhess of his son Herbert, a remeren in a duel. In the sitting of the Antiturday the estimates of the Ministry Hetr Overbeck, was adopted, deolaring that Hembure expenditure renuired for the resolution, proposing that a similar resolation, proposing that a similar ris rejected.
等: - The Mhe Miniaterial orisis continues, and
and the Minister of War, General
astle of Hummoned by telegraph to the
It is stated as accepted the resignation of the and Public Worssip, but added that Merr Fischer, Councillor Intrusted with the dedrection of the Tle Ponperor arrived at Vielona of Impryizight for Ancona, on her way Paccharatin for the 11 th inst.
che Centenary Festiral of the Kire George, which was celebrated at
 It is reportod that (iemera' Lerishat las lean an pointed to suoned l'ruee (r itatuan if ax M1 wast
 hea, to superintend hat soce of the corso of tho
 by taree men who nitatued a eess to l.a re mis hal he
 threw off when they 1adde their essal a
Sare Contibg.-The Aurd tahs that Duke Emest reigning Prace of sase-Cophurs-(iotha, is serioualy od Prmoess Alezandrine of Maden, but bus po ohildren Eis nephew, the Duke of Edinburgh, in heir to the throne.

Italy.--The Ministerinal orisis oontinuen. Bignor Laizas on Friday informed, the King that ho lad failed in his attempt to form a Cabinet, and withdrow Crom the task. His Majesty then summoned (renera Clatiml, who un iertook the formation of a cabibet, quence of the refusal of sianor silla to a a citit the portfolio of Ruance. The hint lats since comferrey with General Menabrea, Count Cambray-1)agny, als? signor1 Mordine aud Minzhotti on the mantion or affarfo, and iehdrap to tho adruco of Goweruls Menabres
 Signor Sella has delinutisely necepted the charge, but it is expected that siould ise deembe, or bo unsuosenful the King wili summon Signor Mnabbeth. The Turin Felt Railway coning to Susa was Bruck ou Mont Cenis ly an avalanche, and throwa down a precipsoe, and that eight persuns were kihed
Papal Btatrs, - The Ceramenionl Counel wa opened on Wedneaday. By dartreak, though tho weather was rany, the iuncr Atrum amm (irand Nave of the Gatican lasilica, the route of the procession, wero throngod by an immense concourse of spectators. At 9 o clock, smat the ruaging of the bells of ail the Cestle of San Angelo and Mount Aventine, the procession formed in tho lTpeer Atrium of tho Vatienn, Lower Abium sula 1 Repia, and nassed olergy were ranced on elther side, and the prowassimn conisted of six Archbishop-Princoss, 49 Curdinals, 11 Patriarcha, 680 Archhichops and Bishong. 29 Abbots. and 29 Generals of religious orders. In sll sbout carried into the Cathedral in tho pestatovial ohnir. His Hoimess first kneit for some then took thei pl cess in the Council-hall in seren rowt After nuss had boon chanted by Cardinal Patrivi, the Arch bushop of Iconium pronousced the inaugural disoourse The Pope thien pave his benediction, after oourse. The Pope then rave his benediction, Which Counod. The appointed preyera followed ${ }^{\text {Pon }}$ ly (rinos for the Council, 2 hymn to the Holy Ghoit beiug suns by the Counol, a pore of the by the olaoristers. Persous not The Prelates afterwards approved the decree onening the Council, aud the Te Deum followed, the ceremony termination a haif-past 2 o clock in the alternoon. Austria, the Soverelgns and Princes present in Rome the members of the duplomatio body, Generals Dumon and Kavzler, and the Roman and foreign nominy The Counerl Hall presented a mont splendid and imposing appearanoe. A decree of the Conkregation of the Index condemns the work, "The fope and the Council," by "Janus ", Troschammer's work, "Ju propria Persuasionis", and Co
GREECE. - The Chamber was olowed on the $2 d$ inst by Royal decree.
THE PRERCIPALITIRs.--In the sitting of the Benate on Tuesday the Address in reply to the Speech from the Throne was adopted, and the Senato promised to support the polioy of the Government as regards the home and foreign afairs of the Priacipality. In the sitiong of the Chamber of Deputies on Wednesday the Addrass was adouted. It expressed great satiffaction t the marriage of the Priooe, and at the improvement in the relations of Po Goveroment vilinoreig Powers, and promised that the control which the Chamber will exercise over the ac
ment shall be freo from party gpirit.
norare a diplomatio telegram arrived at Con antinar. on Wedresday, anmounoing the accoptanc by the Khedive of the conditions contained in the Sultan's latest firman, and stating the inteatinople to Highoess to come his fathtiful allegiance. The pritassure uno oipal conditions of the firmandenveyed sll taxes and of the absolute wil iraposts in Beypt shoula be levied furtirer, that the inans laitimate necessity : and, lastly nith nem taxes wi. that no new foretan lol its necessity was eataulina, anclusion, the Khadre authorigation oblamm
sas urged to adapt for the future liss ants atud conduci o the torras of the prevent Imperiai firman on a points in conformity wion maintained all provinus fi nans. In consequence of this acceptance Mr. Eiliot
 leate
EOFPT - The Sulan's grmem, ooplnit ©. uts



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InDIL-A00ounte from $12,3=$ that ordore have boen reseived fre in uho Indis, ir the reduc of tho Madras native army by neron reciminals. Oiber plation.
United Statms.-Congress mat at Tralington on Mondey, when Prosident $4, \ldots$, wint iog js only a brief summary of the cont




 authoriso the Trenaliry to rodoond ite papgr at a sacur in wer onur entire publio dobt could be pald in 10 years, but the

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 Fitch end ofroumitanoose ittendimz the instititios of the treaty were unifrourablo to its 'mice, thitic li, the pre piend th

 infuries resaling to the Uniteding our war-in tho surrease nutes of fnsuranco, the diminution of exports and $\{$ mports, abd other obstructions to domentic industry; ind the decreano and trankfor to Great Mrithafn of ourr commerclal marine, in the

 ventlon trestod them as much chairnaracter than in
more wit even as in that difforence. No: $a$ word was to
in the treaty, and not an inference cnumi be fran from it

 celved is. its acipi in indeatit, is fts provisions wonld




 parctained. The rajection of the treaty wes followed by a state



any one (hurch. Bishop M'Dougall seconded the
ruolution, which was agreed tn. The Bishop of Now York moved the second reolution, recommendans
unty amongt all Chirstian Churches in opposing the Terresions of tho Romsh Church. The Primate o tareed to. The mecting was afterisards addressed bs - +irral clergumand gentlemen.
gentlemen remitent in Marstebone - A number on tause of education, met together on Tuedday evening
at St. fieorge's Mall, Iangham Plare, to eotablish it there dintrict a branch of the Natoonal Fiducatior
League. [?r. Hodgson presided. Mr. Herbet Frs described the steps contemplated by the icearue in their propoved action in the metronolis. He stated that meetings wero held at Birmingham last Friday an Monday for the purpose of framing a measure embody+ the priciples of the League for introduction in the nex session of Parliament, and that such measure wa was reselved that those prevent form themedres into a committee, "ith nower to add to therr number, for borough of Marylebone. Mr. Joseph Guedalla wat Mr. Magee Pratt was appointed secretary. The committee intend at an early date to convene a great public meeting in the borourb, in which several of the parliamentary and other friends will be invited to take part The Lafe Mr. Prabody.-I'be Imerican screwfrigate llymouth arrived at Spithead on Saturday rom the Mediterranean, having been sent to England to escort the Monarch, with tho body of Mr. Peabody of an unlicenced pilot, she grounded twice on the Isle of Wight und has since had to go into harbour. In consequence of this accident the date for the removal of the body from Westminster Abbey to Portsmouth was again deferred to this day. 'The body will be con-
veyed by special train to Portsmouth, where it will arrive about 2 o'clock, and be recelved by the naval and municipal authoritie, the naval oficers on duty and detachments of Royal marines. On the arrival or the body within the dockyard the Monarch will lower ensign abreast or toretopmast cross-trees. All her Majesty's ships in barbour will dip their ensigns at the peak to "half-mast", and display the American ensirn of Wellington as the farship frees 5 muns minute intervals. When the 20 guns have been fired her Majesty's ships mill re-hoist their ensigas at the peak and lower the 1 merican ensign forward, except the Monarch, which will keep tho two ensigus flying and dipped. The Monarch has been put into deep navai mourning for the occasion, and theafter cabin has been isdraped with black silver cords radiate from the canopy to the walls; on the latter are double-light bracket, and the monogram centre, on whel the collin will be deposited has four higl candlesticks with tapers ranged on either side.
Babned's Banking Compant.- On Monday Messrs. Mozley, acting directors of Barned's Banking Company were again examined at the Mansion House. The only witness examined was Mr. M. Emmanuel, the prosecutor, who stated, on cross-examination, that Mr. funds into the bank, and between $30,000 l$, and 10,0001 of his father's was putinto the bank and had all been absorbed. The hearing was adjourned to Thursday, when Mr. Banner, the official liquidator of the con pany, gave evidence at great length in favour o on several points, Mr. Lewis, who conducted the pro on several points, Mr. Lewis, who conducted the prosecution, withdr.
Metropolitan Counties, Western, Times, and Kent Mercal.-Vice-Chancellor James, on Friday made an order for winding up the Metropolitan Coun ties and General Life Assurance, Annuity, Loan, and Investment Lociecy, had the Western Lie Assurance Society, both of which had been amaigamated with the Albert. Petitions for winding un the Times Life and Guarantee Association, are to be heard before Vice-Chancellor Malins on the 17 th inst; and the 1sth. Both were amalgamated with the Albert
ALBERT LIFR OFFICE.- A memorandum from the official liquidators of the Albert Life Assurance Company states that the arrangement with the Mutual does not extend to the holders of policies in India. An with the Mutual is, however, in conrse of negotiation With another old-establistie
the policy-holders in India.
Another frevich scbuibive Telpgrapt order to effect a direct communication between the French Atlantic Cable and London, a submarine rable is now being laid between Salcombe, Devon, and Brest. The shore end was landed at Salcombe, on Friday
The Persian Givhf Cable-The Great Eastern on on woard, arrived at Cape St. Vincent on the ligth ult, Cane of and was expected to leave on the guth for the Che Cape de Verdes only occupled 13 days, steam alone being used.

Metropolitan Vagrancy. - The Boards of Guardians in the metropolis are about to take measures to obtain more effective legislatinn on the
subject of vagraocy. At a meeting of the Marylebne Board of Guardians last week, a committee of the whole boird reported upon a communimation addressed to chapol Caion, statiog that the admissions of Tagrants

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ragrants on convictmen be and

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## nance of strict discipline wall ten

therancy. Mr. Tavener, in
revice what they had done tha
but which had been taken with tef
who never meant to work adm
the motion, which was carried
the readines of tho renort the
the house, reported that dur

- ent 13 casuals to prison
receiving relief.
has conferred thensi-The I) 15 an has conferred the Precentor lip
Abbey, vacant by the death of the ler on the hev S. Food Jonea.
MER TOWER SC'BW iry constri $\cdot 1=$
of Mr. W. Barlow, will shortly be The permanent way is land and experiments the journey of the carris: shaft will not exceed one minn di
12 bours a day tho line, it in s' ${ }^{4}$ d,

and City Subway
million paseablo tuanel tapabied
prenny for second-clasa a 12 pennyfur
posed capital of $100,0 \mathrm{~m})$
Hibernia Wharf to avoid London le, in,
 Institute of J3ritish Architerts attent Works to present a memorial on the sidratios serving as an opea space the trianculap ! tion was introduced by Sir 11 . Donaldnon addressed the Boar memorial. Sir IF. Tite, M.P. mored trat should be referred to the Worka and Im. committee for consuation and rept. had already been referred and diocussed mittee, and theire reports had bect al Board deeliniog to give up to the publ piece of land, which would m not, however, oppose the mennor committee. Tho motion $W$
Propused Extensiun District Rallway To Tife petition was presented in farour the Metropolitan Distrint Ralwar of the new street adomint the Mans.a. motion adverso to the pruser carried. The company, therefor adaition to it original scheme, will ham' is : liarnent fur further power


## City Termines Hotel-On Tueníj

 the appeal of the City Terminus Incte. Street, against being rated at $1000 l$. orseasment to the poor rate being o Was sought to place it at that sum
## WURKMEN's LMination Sinieti

Londay executive council of this societ Londay, when Mr. (reorge Potter reat
seferal members of Parlament and ot approral of the system of the socie that a meeting would be held at Islingtor is ". at whech Mr. M'C'ullagh Torren London would bo beld at Exeter Ha: Sir George Grey would take the etti: The resolutions to be submitted a rationsl systom of cmigration maintaining tho comnection betrs colonics. Deputations from all fl arose about arranming a larger Gladstone; but it was ultionstely a
the question to the next
presidents are to be invited.

THE（GARDETERS＇CHRONTCLE AND AGRICTITTRAL（i．SZFTH

LeAdenhall POULTRY，＊C．

Geeso
Gnsling

Turkeys $\ddot{ }$
Tukey pullets
Duck Duck
Wilit Ducks $"$,
Surres Fowla couplo， Surrey Fowla couple Barri－door Fowls，＂，
Leverets ．onch $8=3$
$0-3$
$0=7$
$n=8$

METROPOLITAN MEAT MAREET．－DEC． 11.
Best Frech Butter


HAY－Per Load of 36 Trusses，
Prime Meadow Hay
Inferior do．．．$\quad$. Inferior do．
New do．
Inferior do．
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Inferior do． Cumbrbund Marxet．Thurgday，Dec． 9 ，
 New do
$\begin{array}{ll}\frac{68}{123} & \frac{76}{130}\end{array}$
Now Josmeá BaEzr．
Superior Clover ． 123130

 METROPOLITAN CATTLE MARKET．
We have a larger supply of Bece．Buty，and on the average prices are lower；the demand in，however，good for choice sverage quality pretty good trade is alow，and prices are well．Our foreign supply consints of 1541 Benste，in quite sheop and 146 Calves；from Scotland there are 24y Beasts；from
Ireland， 900 ；and 2040 from the Midiand and Home Countieg，




 Beasts， 4784 ；Sheep and Lambs， 18,435 ；Calves， 105 ；Pigs， 45.

Thurspar，Dec． 0
The numbor of Beasts is small，but quite equal to the In the Sheep masket there is scarcely anything doing ；a few of the chotcest qualities find purchasers，otherwiong our quota－

Best Scots，Herc
Fords dec．
Bent Downa and
Ho，Bhorede
Beasts，

## MARK LANE－Monday，Dec． 6

There was a moderato supply of English Wheat to this morning market，which hrought the cxtreme prices of this
day se＇nnight．The attendance was good，but the demand for doreign Whent only limited；American qualities brought an advance of 2 s．per qr．upon the rates of this day week，；other
descriptions were unchanged in value，Fine mating Barley brought last week＇s quotations；other descriptions were slow sale and rather cheapor．Beans were unaltered Whito Peas 1s．to 2s．lower．Oata lost the advatice quoted on Friday：the trade was steady at tho quotations
Monday．There was no change in the value of Flour．
Price per mpering Quarter，
WaEat，Eseox，Fent，Suffolk．Whit

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BarLer Foreikn
－Foreigno．grinding and distiling 22－25 Malting
二 Scotch and Lincolnshire．．．Fotato 24－24 24 Feed
二 Irish ．．．．．．．．．．．．．．．Potato ${ }^{23}-2$ 2 $^{\prime}$ Feed
MyE Foreigh
RyE－MEAL，Foreign


Matze

 Fripar，De． 10
The frost left us again or Monday，and since then the weather has heen foggy and darop；to daya is damp and milder Excepting at a fow of the smaller country markets，where allghtly exceeded，the trade this week throughout the king dom，and chieely in the sea ports，owing to a continuance of large arrivals，has been very doll hain，and the improvernent
quoted last week his been lost，business clusing evieedingly quoted last week his been lost，business clusing exiee elhngly
inactive．Best Malting Barley was steady Peans and Oith
have further have further ziven way in price，but all other sorts of spring
corn remaned as last ghoted．To effect tales in Flour a smanll decitho had to bo submitted to．The supplies of the coast consisted this week of 48 cargoee，of which，with thooe
laft orer from the preceding week，therry remained fr sale last night 35 cargoes．Arrived theat wan neglected，at 2s．per qr decline，some cargocs being ordered oft on consignment
 Rye only one car ${ }^{0}$（imperfect）ctange i hands，Rapeseed
advancing in value：Linseed puiet some few transactions in Mazze，there was Jittle dieposition of enter into busimese for forward shipment

The arrirals of English grain this week aro moderate，of
forcign Whent and Oats gould．Thero was
ot poor attend nunc
 lite per
latec．
rater

| English．． <br> Irish <br> Foreign | Wheat， | Barleg． | Oats． | Flour |
| :---: | :---: | :---: | :---: | :---: |
|  | 1180 Qrs | 1600 qrs ． | 10 | －sk |
|  |  | 5730 | ，010 |  |
|  | 23，940 | 6730 | 87，020 |  |
| Liverpool，Dec．7．－Whent ologet quiet，and pricen are 0．1．per cental lower since Friday．Flour dull，and prices favour buyers．For Beans thero was a steady demand，at late rateas．Oats and Oatmeal were in retail demand，rad request，at $\Omega$ reduction of 6 l ．per qr．；round jellew，w？ <br> Avfrateg． |  |  |  |  |
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At Mark Lame this weelk thare has been a better attond－ ance than uatual，in consequence of the number of country agricuiturista who are in town to veit tlo Catter show．We
have a steady fuguiry for fine red Clover teed，and what transactions there have been have taken plaoe at an sdvance on late ratos，Alsike and white Clover Beed are also very
firm．In Trefoll there is just now nothfing passing．For Franch Italian recent prices are well supportad．Our report from the other sidec escribe the stocks to be getting reduce quite low，Bird seeds meet with a fair sale at last wcek
currenctes．We have a good demand for feeding linseed． Other kinds of seeds are Surar \＆Sons，IB，Water Lame，E．C．

## THE To Landscape Gardeners and Others

THE TRUSTEES and COMMITTEE of the LUTON RECREATION GROUND are prapared to receive PLANS fo
A Premitum of 30 Guineas will be pald for the beat Flan．The Decomber 31 next．
The Trustees and Commiltoe will not under any circumataneess
pay any travelling or other expenses，or underiake to acoept any of pay ary travellink or
the $P$ ．nins submitted to them．
 Become the absolute property of the Tr usteer sind Comraitiee．
GEU SELL，48，Stuart Street，Luton．
WANTEU，a smart，Bingle YOUNG MAN， 24 or 25



WANTED，an active，midele gged WOKKIAG
 ompetent to take charge of the house during the absance of th
 Condon，with
W ANiED，in a Hood Nursery（Glass）and Seed




W ANTED，a thoroughly respectable MARRIED MAN， Wust without family preeerred，whare another is kapt．it mod quick energetic．obliging，good character，in all respecte，and
bitend church．－Adiress by lotter only，P．P．，b，Rusia Row， Milk street，Cheapside，$E$
WANTED，an active Man，to PROPAGATE HARD ing for Market．Wages 18e，per Meek wid
JOHN STEVENS，Nursergman，Coventry．
WANTLD，a－YULNG MAN，well up in general

W ANTED，by a Gentleman，an unmarried Man as



WANT PLACME－I Ietters to be Post Paid．
To Gardeners and Ballifs（Head，Foremen，or Under） I AMES CARTLER AND CO．having many appleations

 may rely upon J，Caszer d Co．ndopting the moest etringeat regula

T．UCOMBE，PINCE，AND CO．have always on their 1 REGISTER ExDericaced GARDENERS．Whom they can arge Eatablishment，or Gardener and Ballf，or Under Gardener Ang Lady or Gentleman applying to L，P，AY
beet atteotion
Exeter Kursery，Exeter
H XPERLENCED GARDENERS（or as GABDENER Gentlemen，Further particulurs quag on on appliction to Messro

M R．WM．PAUL begs to announce that he has made nrrauremata hy which he mill be enabled in future to



## WM．CUTMEners and Under 



 CARDENER（HEAD） $G^{A}$

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 （G Head Gardener nt Betchivorth abed，－$\%$
 Address，as above，pear Relgate，Surroj）
CARDENER（HzAD）；age 38，－Englide

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STHRAF, DE'CEMBFR 18, 1969 .

- FITTOXS PATENT HOTROCSES for the



RITTS IMPROVRD GROCN U VINERY, cheapest
 WRD HOUSES, as built for Mr. Rivers, fixed



GRAY'S OYAL TUBULAR BOLLER.
INTERNATIONAL EXHIBITION, Clam IX, No. 2119. Mis. GRAY bege to call the stinntion of the Xobility, Gintry, Nurserymes, Gerdemath they the NEW OVAL TUBULAR BOILER,
 one-third less the amount requard by any otber. Extraet from Report in Gardensrs' Ceronicla of Intermational Exhbition. Mav 24, 1shi2, phge tici

 ter They ars mads of all aizes, which, with pruct,

JAMES GRAY, HORTICELTCRAL WORKS DANVERS STREET, PAULTON'S SOUARE KINL WORKS

BY HER MAJESTY'S ROYAL LETTERS PATENT.

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han boiera are made of the best Welded Wrought-iron, of good substance, having no overlapping, plates, holea, or rivets, amd are therefore perfectly neoure against Pate wate diameter and length of Pipe to be 耳eated.

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LFD HOT-WATER APPARATUS MANUFACTURER TO THE COMMISSIONERS OF HER MAJESTY'S ROYAL PALACEG AND PUBLIC BUILDINGS, and to the royal horticultural bociety,
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## Hutohimion on Dor-Brealing.

TOif reads, Fint \#dition, with Porty llustrationk, arown bvo, qu,

 WOEN MORBR,15, Alibeluarle Stroet, W

## Byron's Poetical Works







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LORD BYRON'S COMPLETE POETICAL WORKS. SAMYEL TATLOR COLERIDGE'S TABLE-TALK. SIf HUMPIRY DAVY'S CONSOLATIONS in SIR HUMPIRY DAVY'S SALMONLA; or, DAYS of GIFFARD'S DEEDS of NAVAL DARING. 3s. 6d. AbTHUR HaLlam'S Remains. Prose and Verse, MISHOP HEBER'S POETICAL WORES. 3s. 6d. JESSE'S GLEANINGS in NATURAL HISTORY. LOUDON'S INSTRUCTIONS in G_RDENLNG. $38.6 \pi$. REJEGTED ADDRILSSES. By HoHacE and JAmEs jORN゙ MurRaf, albemarle Street, w.
CHEAP PRINTS.-A Job Lot of ENGRAVINGS and


## CHRISTMAS PRESENTS and NEW-YELR'S


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Departide of Tiff count lur (obornu.--The Gueen and the Princesses are expected to leave
Windsor this morning for Osborne, in order to spend Christroas in the Isle of Wight
Tue Coubtat Windsor.- On Friday the Marquis of Westmanster and the Earl of Derby arrived at the Castle, and delivered up to her Majesty the insignin of On Saturday the Garter worn by their late fathers. Bisiop of Wiuchester and the Bishop of Carlisle do Redoliffo and Earl de Grey and Ripon, were invested by her Miajesty with the riband and badge of the Order of the trarter, after whin Lar de Grey and Ripon was kniglited by the Queen. The Buslop of Winchester way afterwards invested with the badye read the usual declaration. Sir Albert Wools also mede the declaration of Office as Garter King of Arms. Alderman and Sherilf Joseph
C'auston and Mr. Sneriff Janes Valleatua recetved the honour of knirghthonf. (On Sunday the Qtoen and Royal family attended Divine servico in the Mrivate ohapel. The Bishop of Winchester preached
the sermon. On Monday Princess Itouisa wont to London and visited the Prince and Princess of Wates at Warlborough House. In the afternoon the Queen, areompanied by Priacess Beatrice, drove to Now lodge. On Tuesday, being the anniversary of the death of the Prince Consort, the (queen and the Royal frmuly went to the mausoleum at Frogmore. The
Irruce of Wases came down from London and met the Prunce of Wales came down from London and met the Dean of Wiadsor read portions of Scripture and appropriate prayers. The l'rince of Wales afterwards left Windsor for London. On Wednesday the Judge Advocate-General lad an audience of her Mnjesty,

## l'rinces Lorisa.

TaE l'rivce ur Wales returned to Naribovough House on Friday from studley Rnyal, and was present the Prince weat. with the Duke of Cambridge to RichCoombe Wood. On Suaday the Prince attended Divine service at tho Chapel Royal, St. James's. On attendea his Ryal Highness went to winkor, and On Wednesday the Prince left Marlborough Housa for Sandringham.
Prince Leopold has been for sone days suffering from severe illness, but is now so far recovered that he was able to leave Windsor for Osborne yesterday
morning. THORIng.
THE ARCHBishol Oe Canterbury.-- A bulletin week the Arohbishon of Canterbury has continued to rain strength.
Illnkss of the Dechiss of Argyll,-Accounts received in town this week from Inverary Castle state that the Duchess of Argyll has been extremely ill for some days, from an attack of an apoplectic type, and
that Sir James Simpson has been twice summoned that Sir James Sumpson has been twice summoned
from Edinburgh for consultation with Dr. Maodonald the family physician. The latest accounts state that her trace is in a critioal condition, but is quite sensible, ranyunil, and even cheerful.
The Cablinet.-A Cabinet Council was held on on Tuesday, another on Thursday, and another yesterday.
Thablay amentary Movements.-The Gazette of divers urgent and inaportant a fifirs on February 8 , The same Gazelle summous Convsuation for the following day, the 9th. It is reported that Lord Cour dintely on the assembling of Parliamont, and that Mr. racant seat It istatel that the Liberats of Lper in vacaat seat. It is statel hat the Liberals of Lynn will sorutiny. A petition has been lodged against the return of Sir H. Barron for Waterford, on the ground of corrupt practices, illegal votes, and personation.
Tre New Brsirofs - The election of Dr. Wilber force as Bishop of Winchester was conlirmed on Saturday morning at Bow Church. In the afternoon
the Bishops of Winohester and Carlisle went to $W$ Windsor, and did homage on their appointwent. On Wednescay the Bishop of Carlisle was enthroned in the Cathedral of his diocese, and on Thursday the Bishop of Winchester was enthroned in Winchester Cathedral with great state and ceremony. The consecration of Dr. Temale to the see of Eseter, of the Rev. Lord Arthur Hervey to the see of Bath and Wells, and o the Rev. W. O. Stirling to the bishoprio of the Falk


## forcigr.

France, - A ohange of Ministry is asronser about to take place as soon as the revin Cabinet will be constitutel as fol,owMinister of the Interint: M. 1stur of Foreign Affars; M. Louvec, II Minister of Publio Instruction. of Commerce and Publio Works, Minister of War; Almiral R.aph,: tive Body on Eriday in tho sitting tions was resumed, when ther a ellita Korisouet, for tho
tion of M. Charpin- Figucrolles, for of the Loire, was ratitie. 1 hy los, to !! on the ciection of M. Gir wit prop wed ta: Chamber. The Left protested aga arit the ground that it had taken them by sur? long and uproarious lebate ensucd,
Monday movel that the disollasion Monday. This motion mas ult inst
to 86 . In the sitting of 1 Ionday in pellation of Messis. Paul layitm relative to the prohbition of the :an mpers in the streets, M. Forcado
$\mathbf{M i n i s t e r}$ of the Interior, reninde law on this subject was enacted in 15 ${ }^{2}$ : that the Government on its
granted absolute liberty to the permission for the cate in the strests in which had odiously attacked the Ear ary an en Constitution. He showed that this unl
had proved favourable to the Governm enlightened classes, but in the otber duced great perturbation. dropped, and the Chamber resuned the doubtful elections. The flection which was annulled as was that of M. Joliot the votes against 32. In the sitting Cazelles, and 22 other doput.e
lation in favour of an immedia into the results of the treaties of
policy of the contry. M. Brame pellation, bearing the signature pellation, bearing the signatur of giving notice before $t$ $18=0$ of withdrawal from the treat England. After some disonssion
interpellations was deferred unti the verificatians of the elections asked if the Grovernment iuton int
newspapers to enter freely int Forcade de la Roquette, on ment, rephed an immediato affirmat could not be given, because not being subject to tho same ta M. Garnier Pagès rejuwed that the an. Hed by the Governmont, it had not mede 2
forward. In answer to a question reepectias in
 on the subject would be the sossion. In the sittine of $\ 1$ ednestar th tion of the doubtful electionc ma: motion for inquary into the
deolared duly electes. The ele Deputy for the
declared valid. In the sitting
ratified by $15 \overline{5}$ to
of rinance, was issued on Monday It -a floating debt has been reduced by 23 . of francs. Thys Budget of 186 sthowed $18,500,000$ f, and it is anticipated that 18.0 will show an equsilly favourable erime proposes to suppress the demi-dechan heavily upon the succession tax, a mas minimum amount of rente whect froms

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a wa－discussed．The principle of nas alfourned．The Bill restoring the rantees was finaliy adopted，General 1．e fresh rumours of an umperding Kepublican Deputy， bo King of Spain．＂A Bill， atid to persons who were politimal proporal was supported by the itting of Mondny，the bill the of the army at 80,000 men was enor buluagen mantained that they Qupen Isabella．In the sitting of Isabeila．In the sitting of Wednes－ rola maintained his former arcusa－ ments to prove Queen Labsella，and the leath of King Ferdinand．The mituting a Parliamentary inquiry into to 5 Setior Rioc Rosas explained the
se 1 mont members from voting and we monnt members from voting，and We wing of Thursday，on the motion of h．Dte to ir raw uplved that a Committee （iraw up）a Bill relating to the
Sovereign．The Cortes will a soverelgu．The Cortes will
Thursday nid of January for the Thursday night Senor Salverna， Inance，was soriously wounded rinance Ministry，actuated by revenge
Baron Zegere，a General of the Army， beying the orders of Marshal the and expressing loyality to the Twrone mains i．ro
Prine de la Ligne，the President of the demard is regarded absence for several 2entitely from public life indication of in ctiven to replace him as President －In the sitting of the Federal ins for the ail the thelhbers of the Ferleral Preadent，and 3I，Dubs Vice－President
FRG－I telegram contradicts the state－ onurg fintha is ill．His Royal Highness －I health．
th the sitting of the Lower House on newspaper stam presented for the acr，in the name duty，the Govern－ ibat it was the of the Minnstention of the ae hlogedom would soon as the finan－ art al out．In the sithow of such a in the cour－ondation of Prussian Stay an proentel a by of 212 to 128 in all its bud pret compenitte the Government and Fon Beder
Pran Beder，President of the Depart－ －Inaleriof refed the portolios of von hertor and Publio Worship．





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 it in and Aral Nem by the bod a：t In at trat ITaLy：－The offioial mavelto of Traedey sonmonood trat the King at Biguor Sollep roquat hy anmonowd innor Lanez mith hinl ils the furmation of sichurat definiaze Miniaterial appointmente，contaviag the



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 and introntuce efemong nito every brsarts of it admanstration．The ment argent gataliat was the
 viry to redues the dehent Toefe t ith retreti 1 ment alone would not suthes，and thero must lee w temparary







 On the lula 1usto Une of the persont present eried， ＂Evisa is Prancia Republicans！＂Whereupon the bolte interfered and disolved the moeting．Inunde－ tuos oceurred in lise on Baturdey from the overflow southern part of tho brikes were dealroyerd，ant the railwity stateon way thotidel，atal the ratway betureen l＇wa ind lachoon was submotyed for a divtamen of


in which he said that it had aiven him great plestar to inaugurato the Council on the appointod day，and to see the Bishops arsembled at Rome for Frenter the voice of God，and to juige with the Potre，under the auspices of the Eoly Spirit，on the errorg human bcience Neter was it more necogart than in the present day，since oonspiracy sed impiety wa wideapread and atrongls orpanimed and hide theme selves seas uo cave for alarm Tho Church in tronge then Heaven itsalf and now the time to connder what emedies wero ficaciots agint the present whit rib Hise plate prent paacefulness in the monsateries，orier in the Churoh and disuipline among the olerg．In oonclusjon，he and ansuipline among the Ifoly Sprit，thag Virgin，and the holy invoked the lioly sparit，tha Virgin，gind the holy angels．The next stitng of of January．On Tuesday the Pope announced that he had appointed a rommi－sion to recervo or reject，subject to his supreme appro－ bation，the questions which the fathers expresing the right of initiation may wish to lay before the Council． The Prasident of this Comminsion is Cardinal Patrizi， the principal members hoing Cardinal Ankill and Bilio，the Intin Patriaroh at Jerusalem，the Arch－ bishops of Malines and Westminster，the Bushop of Paderborn，the Arohbighop of Rouen，and the Arch－ binhop of Tours．It is ollie al gestater that，out of lult fathers who had been invited to attend，Jiz ouly have taken their meats at the meeting．A y＇apa！Con－ attutuon was promulgated on Tupedar，ordann ng that in the event of the $1+$ ath of the ${ }^{2}$ pe durmat the arssion of the Couberl b－－llowewor emm only be rleeted
 of the Counchl，which would be imme natels prorogned and onfy reasaemble at the plessure of the now Pontiti The Pope paid visite to the Limpress of Austria and the Grand Duke of Tuscany，on Monday．A milibary review was beld on Wednesday at the Ville Borghese， in the presence of the Empress of Austris，King Francis II．，the forejon Ambasadors，several Bishops， aud a lage number of spectatorc
 atering was opened on Werineadas，and was recerved with such farour by the Coastantimonle publie that sen，0001，were subacribed during the dar
Earpt．－An addresa，sipned by ali the most inflen－ tial mercantile firms is about to be presenter to the Khelive，thankitg him for the benefit the proposed harbour and worte ti Alexandrin will confer on the country and prayng for the speedy execution of the plan．II．de Lesseps has publiched a etatement that plue Suez Canal Company rmulres no internationn cooneration，and witl enmmtete the work withot additional funds or any materruption of ansigzion． The Farl of Clarendon bas sent a despateh to $M$ de The Easin congratulating h 1 m ．in the name of the Government，on the streeessul opening of the C＇snal．

CAPE OF GOOD Hopre-Accounts from the Cape December, and Parliament is to assemble in Cape Trown on January 20 . The Governor is retrenchiog in all durections, and has addresson ing them that after January 1 their services will be no onker rectured. The colony lial been visited by a tour dase, cauolnt a kreat loss of f.fe and preperts There inere no stanpuge candaltws in Table isay ir scermpaned the ette up the rountry increast d the burs sad washed away a uirge part of the toss no No alonk the watercources buidinge crops, and stock were destros ed, bevise numprous fatal rasinaltes. neare
diamonds and minerals have been discovered near the frontier of the Orange River Free State. The diamond vary from half a carat to 150 carata, and are of extra
ordinary beauty. The territory in whinh they ar found
who unwardo
whe oovered a diamond mine, which also containa granates topazes, and other precious stones.
InDIA. - The Duke of Edinburgh is expected at Calcutta on the 22 d inst. The leading native inhabitants of Bombay have determined to present an address to his liogal llumness. It is considered probable that the Native Iadran Thegiments will be armed with Snuders ns soon as the European troops, militia, and magarines are fully supplied with the Martini-IIenry. Honk in State on November 2 , and held a levee in the City Hall, after Fhich several addreseses were presented to him. Admiral Sir Henry Keppel, with Lady Keppel day in the Peninsular and Oriental steamer Salsatte. INITED STATES.-The House of Representatives on Monday passed, by a majority of 128 to 42, a resolution In the sitting of $W$ ednesday a resolution was mitro duced by unapipuous consent announcing the deatin of Mr. George Peabody, and reciting the honours paid him by her Majesty, the London authortles, preparations fur tle e ramfer of his r mains to 1 merica. The Pre-i lent wh althrirwerl to order as many ships sion, to meet at sea the European convoy conducting it to America, and to make other preparations for the reception of the corpse, so as to be commensurate with
the merits of the deceased. The resolution was made a apecial order for Mondey. In the sitting of the Senate on Thursday Mr. Carpenter delivered a long and impres ive speech in favour of reoognising the Cuban
insurgents as belligerents. Mr. Sumner spoke in Friday jsitied ar orider uturonditionally releaning the Spanish Ruaboals, Mr. Perrepont, the District dit
toracy, having derlared that the (ioverument would not prosecute the libol, as a state of war did not exist between Spain and Peru. The punbosts will proceed
imnadiately to Cubs. Futber Hyacinthe aniled for Francediately Saturday in the Pereir

RtPRRT's LAND.-The Chicago Tribune states that the latest advices from Winnepeg Territory represent the insurgent- as still issumg rations from the stores of the Hurlon's Bay Company, and state that they bave placed a guard over Governor Maotavish, and repelled the messengers sent by Mr. M ${ }^{\text {D }}$ Dougall.
Brazies and Paragoax.-Intelligence from Rio announce that five skirmishes have occurred in Paraguay, and that Curuguaty, the fourth town which Lopez had made his capital, was captured on September 28, after a slight resistance. Lopez had gone to the Government troops continued to pursue him.
Harti.-Sainave, by a coup detat on the 17th ult. and Lubin, with their divisions, had deserted him and joined the revolutionists, who captured Cape Hayti on the 21st ult., and two of Salnave's steamers. Two generals whom Salnave held as hogtages were shot at Brizartin on November 19.

## Cutp entelligence

Money Mabert, Friday. - British Funds: Con-ols are 92 to $92!$ for Money, and 92 to 23 for
Aconunt; New and Rerluced Three per Cents
to 93 ; Bank Stuck, 237 to 239 ; Exchequer Bill
 Cents, G6, to of $78{ }^{2}$; Argenting, 85 , to $866^{2}$. United States 5-20 Bonds

ATctuopolis aux ftg Fictufty
The late Mr. Peabody. - The womins of Mr Peabody were removed from Westminster Abbey on where they were deposited on board her Majesty's turret ship Monarch, Captain Commerell, Cor convesance to
the United States. The ceremony was ateoded with al
the respect and hooour that could possibly be rendered
after the last tribute bud already been paid by the
Crown, the Government, and the nation, in the funeral
earvice in Westminster Abbey. The special train con-
veying the body and the friends of the deceased from
thondon ( Which had been provided free of expense by
mony of thair and south-Western Company as a testi-
dockyard at 3 P.M., when, in obedience to a signal gun
from the Excellent, the Monarcin and all lier Majenty' other ships in harbour dipped also lowering her ensign from her peat their peaks to ham-masu
he American ensign dipped to abreast there fore tepmast crosstrees, the Waiter States corrette
The guns of the Duke of Wolington afterwards took ap the firing at minute intervals. The black case taining the coffin, baving been removed from the ral way car, was borne to the ship between a double line
of American and English Marines, followed by the elatives and friends who had accompanied it from fondod, including Mr. Motley, United States
Minnter in this country: Mr. Peabody Russel, Si Mintiter in this county; Mr. Charles Reed, M.P executors to the will of the deceased, Mr. J. S were followed by Admiral Sir James Hope and Admira Key. Captain Hancork, and a number of American and Engluh oflicers. The cotlin, on rearhing the deenk thip, and a fers moments afterwards was re
deck, in cthicial charge of Captain Commerell in th presence of the Mayor and Corporation of Portsmouth In their robes of ollce, and a large officers. personages and naval and mutivary oftion the Am Vinista belonging to the ship returnerd to the shore. The warps holdug the sbip to the jetty were then lot go the harbour to Spithead, where her anchor was let go the harbour to Spithead, where her anchor removed from the pavilion on tho upper deck and placed in the mortuary chapel below, wher losed and placed the voyage, the chapel being closed and placed under the charge of marine sentrics. On hondsy morning the Monarch took on board her powdor and swung ascertain the doviation of her compasses, but 10 consequence of a heavy rain sething in, whol obscured from view the shore signals, thas necessary operation could not be completed. It afterwards blew a heavy gale from the south-west, and as she sonarch and the PlymoutiL'S. corvette) had not been able to sail up to yesterday morning on the arrival of the Monarch
at Porland the bed; will reman on bo sed for two or three das, end ie in state in the mortuary chapel, which will be thrown open during the time to visitors from the shore
Dr. Livingstone-Dr. Kirk, her Majesty's Consul at Zanzibar, has transmitted to the Secretary of the received from Dr. Livingstone on the 2d Oetober last
"My dear Dr Kirk,--This note gocs by Musi Kamaals, wo
was emploged by Koarjl to drive the buifaloes hither, but, by
Cny nystinle He witneked the plunderngg of my goodg and
 Zanzibar. He has done nothing here. He niltherven on the wour of reat, and four in going back wonld he ampll, but leave this to sour decision, I centd not cmploy him to carty my
mail back, nor can I say any thing to hitn, for he at once goes to the THijans and gives his own rersion of all ho hears. He is untruthenl and all conditioned, and would hand uff the mal to
anyone wha wished to destray it. The people here are, like the Kilwad tradurs, haters of the Engivh Tl ist Antrinthar men whom in B serics of forajs, and they dread exposure by my letters
 sembe. It coutuins a cheque on Rutchie, Steuart d Cb, it
 take a letter secretly, but bis mister warned them all not $t$
do so, betause I night write something ho did not like. H went out with the party and gave orders to the head man t destroy any letter he might detect on the way. Thus,
though I ann good friends outwardly with them ali, I can though I am good friends outwardly with them ali, I can
get no apsistance in procuring carriers, and as you
will see if the mail comes to haud I gent to Zansibar


 atitule $12^{\circ}$ scuth is so large, 1 suspect that I have been work
fag at the sources of the Cungo an well as those of the Nile. untar, and tlie head of it is sin malts winth if thas. The wos tern and cantral lines of drainage converge into an unvisitad called is in irema, are canuibala, if Arabs speak trily. I may have to so thref first, and down Tanganyika, if I come on
uneater, an find my new squad from Zanzibar. I earneatl


United Prayer fok teb Council at Rome. The lourth of the meetings for united prayer, in con section rith the General Counci, at Reme, was hel on Friday morning in Freemason. Hall. The Hon Irthur Kinnaird, M P., who presided, said that the of a deeper knowledge of the Word of God" by Christians in England. Scotland, and Ireland, in Ger many, Holland, Norway, Sweren, Switzerland, and otner Protestant States of Europe, in the United British Empire, and in mismionary stations; the con


Teie East Indla Submabinb Cabtz-T Indis submerine iable shall be loiged a Cove, near the Loran Rook, at the Lan has been in contemplation for some within the last few days Sir James Andamonn determined that this is the most for The cable will pass through the stern y Malta, to the Isthmus of Suez. 0 India as possible. Tue shore zance will visit the light-shipiomid
The Mretyng or Colosibi,
the weekly mecting of monlomits Fr
Street Hotel, Mr. Youll in the $c$
tion was adopte ! to the etf.ct ta, it.
citizenship, Imperal supervan,
exanple, and Imperial commerye an
example, and Imperial commeriea
mote all the best interests of the
they, on their part, are not wantia
ciation of their beneficial
Visouneputation, headuec oy the Mar? 14
Granville at the

## Gran of the meeting

## exceedingly

her colonies. He believed that is $2:$ ar
it was elastic, and there was realy ton . he knew of no colony which ha
not of the most routine chara ter, asi 1 asot ment. IIe had proofs of contidel
 one minute a colony whed, hoped we should retain our and that when they wert

## riendly terms.

Payment of Assessed 'Tive IV On Monday night a lapkals tradesmen and working-men elech
wark was held in Little Surrey Stred in reference to the forthomiog G. M. Shee took the meeting had been con

## January 1. Ho denounc

 oppressive in the present depress always roted on the Liberal gusted with tho conduct of
## treatment

## election.

## of the Fxe in ads mee

Mr Cereby enters its atrong ported by Messrs. 1at others, and carried unanimou oandidates, moved,
"That, 18 a practical protast aginnt tse a

ad woonded the resolution, which wa
molonation. theat majority of tho put down their names

- por of Colonel Beresford.


## mort of Colonel Beresiord.

## n Thursday. a report wa <br> engineers who had beon

Viaduct, stating that the
d been caused by uneven donjer
 when.
Socibty.-Dr. John Davy, M.D.,
Humphrey Davy, has bequeathed to the arice of plate presented to Sir Humfor the iavention of the safety lamp, to in founding a medal to be given annually in pounciagnt

## adelo-America.

 Tidowday the National Portrait Ga lery in the collection being removed to its future the ennth Kensington Musomection with it Gallery formed at the latter institution. class Schools Corporation. - The formally inaugurating City Road, and the third prizes took place on Friday, in The school, in which over 900 an excellent education, was recpelast The Lord Mayor said it gave av ire to be there to distribute the prizes With hum the two sheriffs, who were, i. prize men. The same energy, the Chain those prizes would enable the boysander to the sherifis Wrize of life. They should besr in miiud - Trese oly at the begioning of life, but unless present success would be only same industry, and if
to guarantee the same Jowett. the Head Master, the Lniversity of London in expressed by the councll.
was rat sfactory and encouraping, and man he found hayor sand that a there was no mention of the in it greatly prejudiced in favour of good we head-master said that in reading al sald of handwritiag, but brevity, what ussare, mhich said that every boy either the way to writo, a clear and legible result was attained by good tesehing narks by Mr. Arthur Hobhonse, Lord , ss chairman of the Society of Arts, to the admirable work which was ware than he was of the importance amr.tny in the transtction of business Which involved eight or ten post under as could testify that the labour was d lothed the greatest gle hieroglyphics which $t$ these emanated from some of the dayhe Gorernment of some who were the thenked the Lord Mayor tor his. Sir W. that thes had procured a site on the south irer, where he hoped they would soon open distributed the prizel results. The Lord en awarded. Votes of thanks to Mr masistant masters, the council, \&o. were Is mond, Rev. Mresh6ield, Mest, Mev., Mr. Mr. Best, Rev. Cason STHETS, the comedian, will quit 13 senuary 31 for Australia, where he is Irate, Thil take a farewell benefit at Covent sate on Thursiay, the sthe of the same
it in Wrimbinational Exaibition.-The July noxt at International Exhibition to Rience of Gingom, and of rom the towns of at the roms of the Society of Arts in , staternent and iness will be distriof arrangement discussion of the ascassion of the propexblbition; rksent of jurors; 3 , Discussion on and suggestion exhibition; 1 , ReStaternent and discussion as to comf tecanmake the exhibition promote Mr. Mundella, Ile. Morley, M. education. Will Mr. Mundella,
Erngg the daserisely occupy * Erag will be held at F. In the evening a Eldexicy will preside.
 pallitan semath reference to the oublall of the mentro

 I roximity of the outfall of the sewage of Londs, 1ts
 have proteved azainst the thalus of th.e Thame lato th the sewage of all the rast Lindidon porn not refcrred to Mr. Rawlingon, but he cenresses the ubsiduse or guarantee ans this the Board must either work, or carry it out themselves. He states that and payerg, and in the results imperfect; and that rive may be prevented sewage, in the case of the Thames that the cost of Experienced engineers have stated would greatly exceed the total cost of Sea Reach politan system of main drainage and that metro20,400 so utilise the sewnge would not be less than the report that, as compared we evidence attached to the report that, as compared with guano at $11 l$. क ton, $1,000,000 \mathrm{l}$. value of the Londor sewage is not lees than
The Can System.-On the 1st January there is to be an entire change in the cab aystem throughout the and carriages for hire as regards the rate of fares edus pach carriage is to have conspleuously panted on the ponels of the doors the fares at mich passengers whil be
conveged. The charge will be the same wheller one or more persons are conveyed. All misconduct drivers wir contialue to be punisheid ns under tho system will not only bo found a consuderible new provement on the old, but will lead to the intro duction of a better class of vehicles. a mealing
 ruies and regulations as submutterl by Colunel Uner son, the Chef Commssioner of Poline. The Ierder Wroprietors by the Amalgamated Association of Cab Proprietors, and was requested to express an opmenon that a metal flar points. It was unammoukly agreet the top of the cab as an indication that it was for hime be adat for the present calss the present fares hould ender to , with the following modiferation-
luggage outside to be always paid for at ad a perace The four mile radius to be reckod lo. package and $1 s$ a mule to be charged under all circumstances beyond it. The inspection of the cabs to be in September, and the lamp not to be insisted on.
THE BISHOY OF LONDON AND THE POOR OF T. Pancras,-On Saturday evening the Bishop of Wondon preached a sermon to the inmates of St. Pancras parked for the The Yestry Hall bad been specially prepaupers, about 500 being present. The bishon preached from Hebrews ix. 27, 28, Many of the offioials attended with the paupers.
The Paupertio
me pauperism or tie Metropolis.-A con ference of ministers of various religious denomnatious, Eastof Liondon, was held on Wednesday at Sion College, o consider "the desirableness of united action, with view of checking the increase of pauperism and in proving the condition of the deserving poor." The Rev. F. G. Bloomfield presided, and there were Goschen, M.P., President of the Poor-law Board; Mr Corbett, Poor-law inspeotar; Alderman dobiss, the Ravs. I. Rowsell, W. Rogers, E. Cachemaille, s Hansard, 31. Gibbs, T. Richardson, F. Kitto, W. Tyler, F. S. Lea, J. Cohen, G. D. Griffin, Landshoot, Millman, Canon Povah, Dr. Stallard, several Roman Catholic priests, dissenting ministers, Jewish rabbis, and numeproposed the first resolution, deciaring that it is desirable to promote concerted action amone those engaged in the distribution of charitable relief in 11 e City and eastern districtsof London, with a riest th prevent wasteful expenditure, to check 11 c incppase ni pauperism, and to make adequate proviston for the deserving poor. Alderman Abbiss, chairman of the City of London Guardians, seconded the motion, which priest. Mr Alex member the Jewish Gurdiang Mr Goscien Mi P , the Rer. Mr. Tyler, Congremana min. Goschen, Mr ar an the Earl of Lichfiell and other kentlemen. The Mr IR Wiaram adopted, with onls alution apon nting Mr.R. Wigram moved the second resolution, apphning a committee to consider the best means to forst resolution into effect, and to report conference. The Rev. J. Cohen scconded the mution, which was carried unanimousls. A commatiee wa then appointed. Mr. Goschen in moving a bowe of thanks to the chairmin, said that the guarciani would would do as England did in her commercial policy; they would give it freely without reciprocits, but thes Would take any reciprocity which the charities thougai proper to ofter in return.
THe Poobelat board and the st. Panclas Guazdians.-On Monday being the day appointed by the Poor-law Board for the election of sever persons
membere of lian Motropolitan Centent ithe offoo of





 nis* 'lt orm was a great uprarat the commencement of presence of the police. An attempt wha made to carry was lost. Sir W. llodkia mored that the motion Board take precedol- 2 s of membere te 1 tir Asylum North objected, and und that ha ma memded, Mr. on the paper at to the "seandalous entilum of Mr. yatt, Who he would lake care stomil! not escenpe

 Eiventualls, in order that hat a was binatived
 four members should he elected Iy fiat in fint and

 ntes: Dr Edmunded on Mr Mom the wharmalu, 18
 Mrating, 14 Mr IInatt retel fir Mr Walkis, of Mr. Wyatt, but on a roto being taken, it wan jes led alrese, Mr Wyatt then rose to grecedence of other Fas leavimg, Mr. Watkins by intimidation." A. ha


 the uteps and sult if the hall $I$ ire soene inside among
 ppearin' lutminent Business was altogetluer stopped Che Charman sam he nover knew lie rate disur we themselves no muoh before. DT. MaNCRAs WORyROEse Nugsergy.-On Monday Fho had died in St. Pancras Workhouse, two being chidren who were inmates of the workhouse nursery their ruothers. The meitical evidence showed shat the by the dealh was congeation of the brain, accelerated bad orising maly fram when wery bat, aran mury returned a verdiot that the deceased died from the
mortai effeots of congestion of the brain, accelersted by the unsanitary condition of the infant nursery in St. I'anrras Wiorkhotise.
Tife Organisation of Reliff to tie loor.The pian for syatematising the regular atad irregular charity of the metropolis is assumbing a practical form and the operations of the various committees, both at
the Dast and West End, have alreads commenced. At the meeting of the Maryjebone guardians on Friday, aspertiad coumittee, whiclo bid becm nypointed charitable reliof commitiee, as tos the best means of pring effect to the recommerdations contaned in tho minutes of the Poor-latir Board, suhmitted a report on the subject of their interviest, and on their recommendation the following resolutions were unamimously St. Marylebone charity organising committee with copies of the weekly lists of applucations, and with an alphabetical list either montaly or othermise of at applications for relief, with the result there
That the relieviag officers be directed to avail themnising committee mith reipect to by the charity orgarelief. 3. That the relieving oflicers be directed to investigate cases residing in their several districts that may be referred to them by the chanty organising committee as beiog, in the committee's ofinion, cuitable for mor-law releef, then charity arpatusing "ommittee, in then etior land, unartinitg to consider cases referred to them by the relieving requiring refief other than can be legally given from the rates. 4. That these recommendations be adopted by Fray of trial, and on the understanding that the coarity committee reciprocate information, and that a copy thereo botry to relief. The guardians of the Holborn Joion peor appointod a committee to obtain information es to the number and extent of the charitable sgencies within the union and their relation to th" parber clase, with the abject of briaging such information uader the of the Board On Tuesdry evening a meeting was beld at the St. 1 Lary 'narterhouse school-room, Golden Lane, for the purpose of consideriag the best meanas of organising Culle rele in that neiphbournood, Mr. W. MCullagu Curress to the fefont that the Fero carried distribution of charitahle fands teaded to vent mendicancy, and imposture, aod that Wente, mendicancy, and imposture, and that peDding the working of emore completo sud gener
in the immeuate t.e tuhburhine. to improve the dibtribution of rinritabian the Mrnd, enty Sominty wis beld on T'uesday, the Earl of Lir
 ance, through their relieving officer, in 117 cases. The result of the issuing mendioity tiokets had been almost to clear the district of tramps and profersonal ases of real ateps taken by the magistrates of Kent vagrancy in that county, and expressed an opinion in ravour of more stringent action on the part of the magistrates and police in punishing concing them to terms of mprisonment
 hlown over London for some days past culminated on
If elneadav morning in a terrific gale, acoompaniod by heavy fill of rain and hail. In some parts of the metropolts the lianlstonte were as numeruls windows were brok an. he with ble do down fell at Upland House, Dulwich Wood Park, the residence of Mr. W. O. Melhuish, and breaking through the root, buried in the ruins a bed containing a nurse,
nureemaid, and ohild. They wern all, however, resctsed Without serious injury, though in an exhausted state The gale lasted until late on Thursday night, accompanied by heavy falls of rain, by which the meadows and gardens at Hampton, Fsher, and the surrounding iver several barges were sunk or damaged, and great destruction of property is reported from the low lyimg districts on the benks.
The Clarkzawril Explosion-On Monday meeting was held at the Vestry Hall, Clerkenweil, for the purpose of presenting the Rev. Robert Maguire,
chairman, and Mr . Robert Paget, hon. seoretary, of chairman, and Mr. Robert Prget, hon. seoretary, acknowledgment of the energy and labour bestowed by them in raising and administering the fund of $10,000 l_{\text {. }}$ in aid of the persons who suffered from the Clerkenwell explosion tro years since. The testimonials con sisted of elaborately engrossed records of the services rondered by those gentlemen, with a silver saiver.
Forgery or bilis of Ladina.- Two mex, named Brown and Terry, were brought before the Lord Mayor, on Saturday, charged with forging and uttering Insumen ladig, with s view to derraud the Monare for some time encaged in a eeries of frauds, and after mauh evid

## 

demned Deatha Court for a neighbour, named William Douglas Boyd, of whom he was jealous, underwent the last seatence of the law within the walls of Newgate The culprit, almost to the last, entertained a belief that his sentenoe would became so faint that he had to be sumported unon the scaffold by a turnkey, and when the drop fell he sppeared to be dead almost in an instant. The prison bhen whie he was proceeding to the scafor, and entrance of the gaol. A notice was also affixed outside the prison statiog that the exeoution had taken place. The only persons present were the officials of the prison, some of the officers of the sheriffis, and the reportere.

This Pubiio Hearmi. The Registrar-General's Weekly Report states that in the week that onded on Saturday, Dec. 11, 4699 births and 3873 deatha of the Dnited in London and in 13 other large towns of boe United Kingdom. The annual rate or mortaity Loudon 87 in Ediaburgh, 25 in Dublin, 83 in Bristol, 25 in Birmingham, 30 in Liverponl, 32 in Manchester, 32 in Saliord, 41 nusti, efheld, 31 in Bradford, 25 in Leeds, Glasgow. In Paris the annual rate in the same week and 1131 girls, in all 2267 children, were registered last Feek. In the oortesponding weeks of 10 years 1859-68, tion, was 2107 . The deaths registered in populadurnag the week were 1768. It wis th corrected for inerease of population, was 1608. The present roturn is therefore 15l above the estimated amount.

## frobenctal.

BupsLsM - A town's meeting was held at Burslesn on Wednesday evening in support of the Education League. The Chef Bailifif presided, and there was a large attendance. Messrs. Dixon, M.P., and Melly, Potteries; Massers. W. Woodall, T. Hulme, and other ofluential rentlemen were on the platform. Resolutions in favour of the Lenque were pasced with enthusiasm. CAMbridge.-On Monday a new pasometer, which had been erected un this town at an expense of 50000 , was upset by a gale of wind, when the gas in escapang whole of the gas was not destroyed at once, but continued for some time buraing in an immense flame about 20 feet wide by 9 or 10 feet high. In abont an hour the contents of the gasometer were consumed and the flames coased. About 70l. worth of gas wa
consumed. Cambridge remsined in darkness du
the night, as the street lamps could not be lighted. Cargarthen.- Four nurses from Guy
arcompanied by Mr. Griffiths, arrived at Carmarthen an the sth inst, and proceeded that night to Pencader,
thitant abont $t$ wo miles from Llethernoyadd, the home of the "fasting girl," Sarah Jacob. The followthe room and bed in which the girl had been customed to sleep. This examination was made by the nurses in the presence of Dr. Leewis of Carmarthen; Rowland and Herder of Carmarther; the Rev. W' Jones, vicar of Llanfihangel ; tho Rev. W. Thumas of
 furoiture, the contents of the drawere, the bed on which the girl wins lying, and its coverings, her body, clothes, and hair had been fully examined, and tha nothing of the nature of food had been found and standing that it is to continue for 14 days, at the end of
continued The expenses attending the watch are to be defrayed by public subscription. A meeting of he committee was stated that the four professiona burses had not detected any food being convered to the girl, and were morally certain that she had not partaken of food. Up to thuesday the girl had been watched for four and a half days and nights by two of her bed. Mr. H. Davies, a surgeon, who visited the girl on Sunday afternoon, found her pulse at 112 per minute, and her appearance matural and visited her, and found that her pulse was 120 per minute, and that she was precisely the same weight as when the watching commenced, and there was no symptom of soy physical prostration. The nurses epod tod that there had been no athempt ospessed the slightest wish to have food of any kind
Glouoestrr. - During the gale of Wednesday morning the chains of a large sasometer, recentl the violence of the wind, and a rent having been caused in the gasometer by the fall of one of the chains upon $t$, about 70,000 feet of gas escaped, but though a light was near, no explosion occurred.
EaBAM,-The poochers who made so murderous an attack on her Majisty seepers ahout a formater aro, brought before the county magistraves last week and dangerous condition from the savage treatment they receired, althonah honeagre ontartainod nethaiy ulti-
ETon.-The Christmas vacation at Eton Cullege mmenced yesterday. During the last three weeks of "the half" mesales have been very prevalent in the school, and there have been also a few slight cases of scarlatina. Five boys are at present in the sanatorium on the Eton Wick Road, A meeting of the new governing body was held at the office of the Public Sohools Commission last week, When the number of the governing body was completed by the election of two members in addition to those previously elected. The governing body as now constituted is as ollows:The Provost of Jiton, the Provost of King's, members ex officio ; the Master of Balliol, elected by the Hebdomadal Counoil of the University of Oxford; the Master of Trinity, elected by the Council ol the Seate of the University of Cambridge; Professor IRoyal Sooioty; Sir Roundell Palmer, Q.C., nominated by the Lord Chief Justice; Professor Lightfont, D.D. elected by the Masters of Wton; the Rev. W. A. and the Earl of Morley, elected by the members of the governing body

LeEDS.-On Saturday afternoon the men who were onnvioted a few days previously at Leeds, before Mr. Justice Lush, of robberies with violence at Leeds, Sunield, bradiford, and Whitkirk underwent the in the borough paol

Maidzaymad.-Mr. Headington, of Bray, having made known to the Queen Pameride 101 years an agriolivirg lab the raall income derived fom the savings of her husband and herself as agricultural
 the 8th inst., in the most considerate manner gratified the wibhes of Mrs. Plumridge. Her Majesty, accompanied by Princess Beatrice, and attended by the Hon Caroline Cavendish, drove to the residence of Mr Headington, who had the honour of showing her Majesty the way to Mrs. Plumridge's cottane. It is needless to say how much the old woman felt honoured
by the visit, and by the kind way in which her Majesty and the princess conversed with her
Iancles, a resprctable well-dressed Saturday, John
Mangles, a resprctable, well-dressed man, who is wel connected, but described as having no fixed residence was charged with attempting to upset a passenger train br placing a sleeper on the line of rails oo the 27 th ult The sleeper was suon after found between the rails having been struck of by the guard bar, which wa frosen in donge it, the train having an narrow escape th was proved that the prisoner was seen walking on the railway some time before, and that while at public-house afterwards he sppeared unensy and tartled, and debated whether he should travel by the rrin. Ulimately he went to Moulton and took

Though the ongine knocked tha shopor and no shock Wa日 felt prisoner poo our a
said to two witnesses that they hal rua
between the stations. said to two witnesses that they had ria nern a
between the stationg. He had aloo in the afternoo
might see her.
York assizes.

## Plymouth-A large Erench merce de Paris, from Rio Jisturio an and ashore at Bigbury Bay, near this poil night. Her cargo, composed of cotion nizht. Her cargo, composed of cotion caved. Effort were made on Sundy but proved unsuocessful, and is is fand become s total wreck.


 and on the stren the of teptimenials in reference to another appointment. strong at Rugby itself, eqpocillly, ame
are intimately connected with the prosperity of the school, that 20 of

## them to reconsider the recent no

 mastership.Ralling Ford.-On Sunday mormi possect Green, a adeaer in wood, and rovin murdered st the bott a is of monef, bouse at Stoke Row, near this town supposed to have been committed on siturity between Shillingford and Benson, and the its way home uninterrupted, a distance of Robuery does not seem to be the motive lor as tie old man's money and watel wan missed from his house, and his son and

## body at Stoke Row on Monday, when

Wiful Murder against some perion st pron

## was returned.

WINDSOR.-On Monday the foundation-m new chancel of the parish church of Nem Whan very numerous congregation. It is intended struct the church, the proposed sork new chancel, the re-seatiog of the inter other alterations, both in the exterior and as will bring it more into harmony with oharacter or ellll considerably enlary th and afford an opportunity for altaring eho perr, which is so inconveniently situated the pants of it cannot hear the sermon. The entire reconstruction is estimated hut ot procent, only a portion of the and organ chamber, the
and ihe reconstruotion
The bishop of Winchester and a larve clergy, the Mayor and several members of Monday. The religious service whe cond Vicar of Wiadsor, hes responseas bome the Princess, her Royal Highnees frieand laid the stone. The Bishop geid that he rejoiced infinitely in was about to conolude his minust? to take his humble part in

## and wish them God-spe Woking.-A daring

## Woking Convict Priso

out of chanel, after Divine service, one stated to have once been a prize-ighte
the Governor, wio was watohiog the the chapel, and hit him twice in the in the loin with a round piece of old inetantly sprang upon the mad, who and secured him. Th
Wolybriampton.-On Firiday mat 120 colliers went down one of J.ord II. this town, for their day's work. down to them, but an hour previously thy drawing engine, about two tons snapped.
impeded in the more distant workipgs congregated near the bottoms or the bo The difficulty was not gurmountea Fridgy nipht, when after an
17 hours they were all brought to YARMOUTYE.-The steamer Xanthe Shields for Gibraltar, withe ci
Saturday in the Wold by the Shields. The Xanthe sank in

## Freland.

Military Precautions.-It is Gonseruence of through private sourcese hat I Strathnairo, the Cons to prepsare seren ay under picked officers, ready to move a ing on any par
ann Gnards marchad from Kingst

## max






 ：int and that commissions of the in a a arge number of mintary
ine troons to act without the gistrato． पy last $\begin{aligned} & \text { weel the ocourrence of the } \\ & \text { Consative meeting in Belfast on }\end{aligned}$ Congrtazive meetingia Beeraston TIm the detais which have since been
：theart the demonstration was
Thte Duke of cime mronat The Duke of
id，shid that looh ins to the posi－ ficit ninped
sayum one wort to the reengs but he could not blind minerymend not delude himself with nimere equality was nill that would nere ta Roman Catholic party．The
 Tas that ander which wourty，for there moderato and excencont men amone them．Ilis G Grace referred at
Goumits of the Gornment imakins a similar statement to thr prepious banquet，pres led
nnci，ester ：and varncil the Pro Manci．ester；and warnect the Pro， rel far their alvantage，but dio tranontane spirit，and calculated ．2 tstne rule．He explecsed at the
 for the supuresclon of tho Felinan In of the Habeas Corpus Act， id not tell the advocates for the nim rivoners that thare nas but olie in murderers，and that the sooner
Tart tonk themselves whay from wull bo their necka，ras an n，sif，ne omehi to ho a nar－ mon for tho repeal of the Party they pleased．He expressed Partr l＇rocessions Act agnamst artr Processions Act agnust
He charged Conservatives os with hating been untrug to the
 urud an the sacrament of hberty zst an 11 sth of December，to be if biack tlaz of ty ranny hoisted in its
spokera were Lord Criohton，Wev．
Inrid Geore Hamnlton，and Mr．
MP 1 it Anifersary of to－dat．－The
－izates met on Tuesday in the Cor－ Drinst ler the proper steps to be taken Peace during the anniversary mhich Demmemoration of the＂shutting Derry．＂The magistrates gave the Fmit with maimed rites－that is to rappers，musio，or the burning of is lave rejected，and have issued as sot give un banners out their pro－ taked they will offer no resistanoe and life Gorernmeresponsibility of pre－ © the Lord－Lieutenant has raplied －a Londonderry Liberal Working ag to phssica，force，and stating that T．va in．There citizens to take the law ＇in ine e．ty． at of Mre Dowlong，four armed men revolvers at the apyrentice．Nir
 －dTan finerwaras the grten slop of Mr － 4 ret ivers at the by four armed －matrhers at the porter，and as he ？stome men，but tuey escaped in a $2=$

The residence of night by four men．Irs， and was detaiued in the others went into Chimide snd cut off his nose．Meantime
sifo at the neighbouring Why wh the neithbouring residence of 3 pred one of the party，proceeded to

Hornidse，residing near Castletown，oounty West
meath，has been fired at and Eeverely wounded in th
Firing at a Rariwar Trull－on suture evening a stoker on the Meath R．．．wn has frat 1 di
on the down train，near Kilm sen station． $\mathbb{B} 0=$ in
the mau who fired nt Some manains piered his him del berately take his aim． of a se the panel of the door of an empty compartment ing use held at the Curragh of Kildare on Mondar When upwards of 6000 persons were present．The priest，said he hoped the Irish people would be freed from tyrant landlords，trirant teanants，and tyrant priests．He Complained of unwarrantable altar de of tenure．A meeting to resussed in favour o Lergar was held on Tuesday in the Rotundo，Dublin under the presidency of Mr，Butt，Q．O．The meeting Dennety，Hev P．M＇（uaid，Mr．Hillis，J．P．Rer，Mr O＇Neill，Mr．Byrne，Mr．O＇Mshony，and others，and resolutions were adopted in favour of forming a sent the views of the tenant－farmers of Ireland repre－ recoznising the right of the labourer to $n$ share in th． benetits wach any reform of the land lans wall give．

## 解atluaps．

Compensatioy Cises－In the Sheriff＇s Court on Friday a special jury was ronvened to assess the damages in an action brought by Robert Mason， in the collision which happened in June bet hur train bringing home from the Crssial Polsce visitors to the Incensed Hetualiers＇Féte．It way allered，in matigntion of damazes，that the iujur．es the plaintifr 400l．In the same Court on Tuesday two more actions for damazes arisint out of the same Mr．Dear，of the Glohe，Borourh Rend，who liad four ribs broken and sustaned other injuries She was awarded 1500 l damames．In the serond case the Court，Gracechuroh Street，and both ho and his wile recelved injuries，They were awarded $5 \overline{50 l}$ ．In the same Court on Monday a special jury was summoned to assess damages in an undefouded netion arumen out of an acmident on the Metropolitan．The plaintiff，Mr a Metropolitan train on the 2941 of January last，when it was run into at Portland Rond station．The ev．denco and brain and had sustanded concussion of he snm G．Ahe Manchaster Congregatioualist minister，reading ent twistle，near Manchester，sued the London and North Western Company for compensation for injurice he had sustained in a collision on their line of railmay so long ago as October，1867，the result of which had been incurable malyis．The jury returned a verdiet for the plantiti，with damages，anon？
Acoldent on the Maveiffrier，Sherfield and Intcolinserme．－On Minday thrce carrage filled with gentlemen travelline to the Brigy conrsiug nceling，wero attache at Rciford th and mineral tander，and 18 coal wargons ran off the line and were precinitated into the river．The coupling ebain of the guard＇s van fortunately gavo way，and the van and the three passenger carriages were left on the hir
clearcd the bridge in safety．No one was hurt．

## 解am。

Codrt or Qokex＇s Bencer．－The Gerend Gvaren Prosechion．
 Juatice and a apecial jury）．The trial of this case，which lins
oxcited so much public interest during the past 12 mouths， Was comnsenced on Monday and the Court was crowded in every part．The defendiants，who surrendered to their buil， and were eeated near thuir connsul，wero Mesers，Jobn Henry
Gurney，Heary Edmund Gurnc．R hort Tirkheek，Mciry
 chargang thern with conspirng tagether by divers falee pre tencen and subtlo dievicas to defriud divers shareholders on moncy to the amount of $3,000,0001$ ．Tae coungell who appearer
 Gurney，Mr．Henry Edmund Gurbey，and Mr．Robort Brtk－
beck，whose delenee was conductod jointly，were the bock，whose delene
Solicitor－General（Sis
 thews for Mr．Harty George Gordon were Sir Ji 3.
 Brice Gardyna．The indechanit Wal Courta A wigrou load of books and papers belonging to the defunot company were b fuk encd a lengthened trial．Dr．Kenealy，Q．C．，uphried the cise for the prosecution at great length，and state．that the first six counts contained a charge of conspiracy to indinee persons to become shareholders in a certain company ty pub－ lishmg and circulating a faise prospectus．Nemernve for an culnts fur conspiracy to obtain money，and genert adjournerl tin Tuirucy．At the close of hil spech the attorneys of the nli frin，Dr．，Thom，tho prosecator，and $\mathbf{M r}$ ．W．Peelk，who his crosseexatumed at great length．Da Wednesilay Mr Howell， the aceountaut，and several gentlemen who bid been indnced examined．On Thurgday the witnesses examined were irr． R．Slater，jun．，a member of Iloyd＇s，and Mr．Farding，one of the liquidators of the company，whose examination was not tion Mr．Harding said that the total amount of the transwe

##  





 guardianm for rolief．Ho ona diuguat 18 he appliod to the


 jound the perioner fiulty，and he wras sentencis to Stix jary a rick，but his conduct in the doak wan to atran seth，thit tro




 that the prosecutor had beon gutity of such praction The article alluded to the ecratching of tho two borich out of thros was represented to have been dooe for the purpose of winnles money by illegitimato and improper meene．Slr lleseph







 Len surremperect and pleaded Guity to writing and publish． Man About Town．＂it appeared thist the moment tho dofondant discovercd that therre wai no toundation for the proceedings．It also appoired that he had caused all the Pumis．－ataining the libel to be destroyed．hae Jine there
 Barry， 26 ，watchmaker；and June Bennetl 24，wero indictc．
for an asault upon Gcorgo Leach with fitent to rob him The prisoncrs were taken into custory by mome constabley th had observed their morements，The jury yeturned ia verili．t
of Guitly Withams，who bad been twicu jreviously consucted 18 monthe＂imprisonment and 28 liwhes with the＂cat；＂and Beanett to 12 months＇imprisonment

## （197ttar2．

Lady Rachir Adta Ecout died on Saturday，at Mentrone from rheumatic fever．She was the youngest daughter of the

admiral Joher Gorz died a fow deye since at Cliftom，near Bristol，at the adraneod sfrio of 85．He entered the naty in Copenhagen，and et tho blockade and Eurrander of San Doncinko．
Ho became netired rear－admiral in 1854 and a rotired admiral Ho becan
in $18 G 3$
ADmimat pen fit died last weeh in his＂th year．Ife ob－ tained his comnt ission as lieutemant as far hack an 1911 ，pre－ anl commande an artaul hoat in the os bel it as the Flasonng

 Ceiras，un her sir Thomis Pacton，andill emmand of a hoit
 was wounded．He had fior somic jears enj ne a a captasin＇

## 

 han reading fur the benefit of bis hanth He was born in 103 ，and married，in 1854，the daughter of Sir George Dash－

 18．5t，and in $185 \%$ ho offergd himauis as a candidate for weat occasion．Ho conteated Norwich agsinst Sir S．Bigrold，but was again unguccessini．Mr．Famonatint atten iant at the agrinual meatetiogs if thall yil Agricultural Society．
Dr．Brygon，C．B．，F．R．S，phyaician ortrar innry to the
 a long career in the naval．medical servic．he wh tuine it in 1854，and became Inspectir vencral in $1^{\text {in }}$ III，energet： habits led him to be rpp inted Directur（anersi of tho Menical Department of the Nur on the death wh thamelaw when He retained that ap if tmest until a few Lritha hack，when he was stacecil He was elected a fellow of the Rnyal Soclety in 1854，and was the author of work：＂On the Climate pad Di＂＂Statiotioal Reports on tho IIealth of the Navy，＂do

Ir Josiv Masparhive，late pratow，died the practioe of
medicine in tha
at hie reaidence in Helengburgh，at an sdranced equ
Ma．Jors Parsoss died at infoy，near oxio ponos and the
hed of the Woilk known firm of Parzon, Thomson \& Coo, the


W. Witr - Thio will of Mantral Sir Robert Lambert Bannesi
 President of the Trgin toll ind
of The 1 Triory, Totees, 80,000 .

## ftartets.

COVENT GARDEN.-Dec. J8,
Trade has been very quiet here during the past week, owing to the aboence of orders from provincial marlate. Hotabout the samo. French Cos Lettace to gow coming into the maaket. The Potato market is otcratocked with nely ordizary Chmples Flowers chiefy consist of Miononotte, Fuchsias, with the teual abundance, at this season, of Holly and Mistletoe.

## FRUIT.

Apples, p .


 VEGETABLES.
 Broccoli, p doz, Is to 2 s erl 2a to 3s 3 . gicte Cablegee, per doz., Is to IO Bd Capsicumes, $100,2 s$ to 2 s 6d Carrote, per bunch, 4 d to 8 d Cauliflowers, didoz, 1 an bit to 3 s Celers, p. bund, ls to 1 s 6d
Cucumlers, erch, od to 1 s Cucumbers, erch, Garlic and slaulots, porlb. 8 d Herbe, per bunch, 2 d to 4 d . Horse Madish, p.bund 38 to 5 s

## FOTATOS-SOITHWAK, Meiday, Dec. 13

During the past week the arrivais leth coastwiee and by rail have apan been in excess of the demand, and the frices of the former sek were barcly minintained. The

 Whites, 609. to 70s

Mors.-Bomotour Market, Dec. I
Messra. Pattenden \& Smith report a steady retail demand for all descriptions, late rates being filly maintained. The
cupply of good Euglish is very limited, fino Kents being e日pecially scarce.

## ENGLIBH WUOL

There has been a moderate trade done without matcrial cun shorter than for some years past
Curreat Prickg of Engliam Wool, per Ib.-Fleeces-Soathdown haggets

Half-bred ditto
Gouthdown ewes and wethers
Ielcester ditto
SonTe-Clothing
METROPOLITAN MEAT MARKET.-Dec 18

## Best Fresh Butter


HAY. - Per Load of 38 Trisges,
Prime Meadow Hithpiend, Thureday, Dec. 16
$\begin{array}{llll}\text { Inferfor do. .. } & . . & 60 & T 0 \\ \text { Inferior do }\end{array}$
New do.
Inferior do.
U'rime 2d cu
${ }_{90}^{115 s}$ tol 105
Inferior do

Whitechapel, Thursday, Dec. 16.

 | Prime New Hay | .. | - | 1 |
| :--- | :--- | :--- | :--- |
| Inferior | .. | .. | .. |

METROPOLITAN CATTLE MAKEET.
This being the "Great Market," we have a larger supply of ably larger than on the correpponding day last jear, and the character as we have usually seen. The trade is by no means expected. There is a fatr supply of sheep, but unusually fey no lower. Calves are selling about the same ass of late Out forcign supply conaists of 1135 Beasts, 4420 Sheep, and 145 Caires; from Scotland there are $132 n$ Beasts; from Ireland, Countieq, 380 ; and and Suffolk, 203 from the Mrom the Western

Best Scots, Here
$\qquad$
Best Shorthoras
2d quality Bersts
Bealf-bred
Do. Shorm

The mumber Thursday, Dec.
comsiderable proportion consistligg of than was expected, a Monday. In the early morning choicest qualitios were diasand a, elearance could not be effected. Choice Sheep are by no meana plentiful; they mest with purchasera at about
gelling as on Monday, Our foreign supply consists of 486 Best Scuts, Hery-
Bent Scuts, Here- Bo Best Long-wools
fords, Best shorthortis
2d quality Beasts
Best Dcyng aud $\begin{array}{llll}\text { Half lreds } & \text { and } & 5 & 8-510 \\ \text { Lambes } \\ \text { Calyes }\end{array}$
 HARK IJA NE - Moxday, Dec. 19
The Buppty of English Wheat to this morning's market to a decline of le. per qr. upon the prices of this day se'noight. There was \& moderate attendance, and a fair consumptive demand for Russimn and American quations at an simil Barley, Beans, and Peas there was no alteration, Oats were a slow eale, and 6d, per qr cheaper. Coun
per sack, and American 6d. per barrel lower
Price fer mperial Qrarter, s. a,
What, Essex, Kent, Suffolk. White $3^{\text {n. }}-48 \cdot$ Rod

-     - fine selected runs. . do. 41-5; Red Forfalk
Forcien
 -ats, Fsorex .. grinding and distilling 22-25 Malting

rish ................... Potato
RYE. Forelga....
......
RYE....... Forcign.
BEANS, Maragan....35s to 37s. Tick 30-49. Hartow
 Pens, Fhite, Esscx, and Kent.. Boilers $37-42$ Suffik


 - $2 d$ ditto per barrel 22-25 Per gack Foreign ..................er bartel 22-25 Per gack .. $\left.\right|_{29-55} ^{28-40}$
The Whent trare throughout the markets of the kingdom has continued to suffer from tho accumulation of stocka noticed in our last, and the freshin arrivals at our seaports far in excess of the consumptite demand, but as there was no whole nuoderate), the further (lecline in the palue of this articic did not exceed ls. to 28 , per qr. during the past week, ing qualities were slightly eacles. Beans and Peas were sold at abolt is. per qr reduction, and Oats weye written bri, per qr. lower. Flour was neglected, at a decline of on per barrel week of 54 cargocs, of which, with those left over from the preceding week, there remained for sale last night 57 cargocs, tendency of prices for all articles wrus in buycrs' farvour, the rates paid for arrived Wheat sbowing a dechme of nearly Is. per qr. Irom the rates of kriday last. Buyers generally holi giro them better choice a furtber rechectin, the trade yeaterday, however, closing ateadiey in consequence of sume
Continental inquiry. Tisere was nuthing doing in cargoes on Continental inquiry. There was nu
moderate. There was a fair attendance at this morning's merket. English Wheat brought Monday's quotations; for old Russian there was rather more inquiry at ful prices other qualities were unchanged. Spring Corn remains about as on Monday
 LTVERPDOL, Dec. li, In the corn market Wheat was in mod Flour slow sale, asd 6d. per barrel and sack declíne. Bean stend Oate and Oatmeal almost neglected; holders offer at a decine, but cannot seil. Indian Corn in retail demand a late rates ; sound yellow. 29s.


SEED MARKET.
Our markets have been thinly attended duriog the past Week, and, as is usual asiness has been passing All dekerip tions of agricultural beedn are held with much firmbena, an rule. JoHN ERAW E Boiss, In, water Lan
T
To Landscape Gardeners and Others
1 BECREATION GROUND nre prepared to of the LUTON
Luton, Beds

The 'jrustees and Crimm.ttee mill not under ady circumstanee

employed to cngrt out such plan, but the plan EO accepted shal


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WANT PLACES.-Letters to be Po: A


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## WTM. CUardeners and Under Gardetert

 Whose have at all thimes on thelr boaketchera will bear tho str ctcy
making applicticicn would sure

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 Of Orchids. Firgt-lasp re
Whallej Kange, Manchister


Address, as abore, Leur Redgate, Surres
AHDENEK (HEAD). - B KHCHR I,

(TARDENER (HEAD) -Jen HAESt
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HARM BAllIFF
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## Garonerg ${ }^{\text {Chromitle }}$

 grospaper.2.atr, DECENREN 25, 1869 .

## NSSCHANCE CORPORAT



$\underset{\substack{\text { 159,083 } \\ 61,600}}{ }$
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Premiams. $\underset{\substack{1,313 \\ \pm: 13,643}}{ }$

hathr been abo imbed." Fira"Ing<br><br>Itlon Hon. Kona and Shand at Cal--

Torks on Botany, by Dr. Lindley.
SCRIPTIVE BOTANY:
BOTANY: OR, fRE ART OP
bOT iny ; or, Thb Rl'diments of Botanical
land Gconomical botany; or an
 IEfet lble kingdom; or, The Structure

bOTANY, Sthectural and E,ementary, Botancenl Works by
hool Fotany, ${ }^{\text {and }}$ "The Vegetable


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## METHOD O CROWINO

Im Join Porstanx, Soutbacra Rectory FRUIX


or samps to the "

Glenny's Garden Almanac, 1870
in if wrers and Fruits, hist of all the latest
 Whacred ERIVTA for 3s. 6d.--A Job Lot of Plain Paintors and Engravers, , , iffolumtent sizes, suited 12ntampl
REINOLDS, 174 , Stend, Retallíg, toc. The

CR SPECIALEATRCLM, for DECEMBRR 25th containg





## THE GARD Advertising in Iroland

 CE THARDENERS' RECORD, published FortnightlyTHE FLORIST and POMOLOGIST, JANUARY, $18 \mathrm{P}^{\circ}$

 Dhaif Imperalis, by the Editor, with IIlustration ree Carnatlons, by Mr: W Howard; A A Cramb, Tortworth. ansilion macrocarpa, by Mr. W. Milliler Cormbo Abbey. Now Peas, by the Editor, with illustration The Lads Sliperat, by hr B S Wr liame Holloway


Commeoncerment of $n$ New $V$ Vilume.

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THE PEARL BYRON; beng a New and

"Tho Pearl Edition of Lord Byron's Wortes.
 and fatt fut colisection of the Poeti's worka. The poorest studeme of the Enitis now bro

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Hutchinson on Dog-Breaking.

 Iave the Doo and the Gư, By Liet
late Colohel of the Grenadier Ouarts
john MCRray, Albemarle Stroet, W.

## THE GARDENER,

## MONthly Magazine of hortioulture and floriculture.

## NEW ARRANGEMENTS FOR 1870.

Propretors beg to intimate to their Readers that they have made new arrangements in regard to the sid secure, a largels increased amount of acceptable to their Subscribers, extend the usefulness of the
 thk the henefit of his "Gardener," has done so much to insure its marked success, and who will continue to $4 m$ © the Propreters oreat practical experience-and Mr. Richard Dean, Enling, Loudon.
ret belonged to it, ans to make it acce new arrangements is to give to the "Gardener" a bronder character
Horticulture. Practically, the Proprietors epel to give to by including the wides
publashed in Lcndon, the tone and scope belonging to a national Horticultural organ. Work, which will be
the general line which tone and scope belonging to a national Horticultural organ.
an management, will be sidhered to followed in the past, and which has proved so successful under Mr. Noment of Florlsts' blowers aded to, a larger prominence will be given to Floriculture; and, eppocially in Wanent will bo under the immedinte endeavour will be made to supply the latest and fullest information. Tet a its proper place ; condensed reports of the leading Exhibitions, giving their salient and interesting

Rifen such other matters coming under the same category; and under the head of "Notes of the 3, ds misty not conmscellaneous intelligence, likely to be interesting to amateur and professional the heading of " $G$ a iently come in under other keadings.
the hortuculturist ; white " Gaisites" will he duly, chronicled all inventions and improvements of real
Preserves, \&t., will bave due "Garden Economios," under which will be included Bee-keeping, Wineonndently anther all clasbes intereated in the subjects to which its columns are devoted ; and the the eadyng Horticulthat, under the able superintendence of Mesers. Thomson and Dean, it will hold its
Yearly Subsultural organs of the day.
${ }^{\text {infle }}$

## THE GARDENER:-37, PATERNOSTER ROW, LONDON, E.C.

Orders received by all Booksellers and Nexcomen.



## 

Tae Conrt-The Queen, necompanied by Princess Louisa, Princess leatrice, Prince Chirthan Fincess and Prince Albert of Schlesiric. Holtrin, left the Christmas holidayg. The royal party rrossen frum Gosport in the yache Aherta, aud arrised at O-borne at ${ }^{2}$ P. M. On Sunday the Queen and Royal Famaly Duckworth officiated. Sir Willism The lies. IR. ancompanied Prince Leopold from lfnner, who Friday, left Osborne for London. On Monday the Queen went out in the grounds with Princess Loursa, and drove out in the sfternoon with Princess Beatrice. rounds with Princess the Queen waked in the Majesty drove out with Princess Inoulsa. On Wed nesday tha Queen went out in the arounds with Albans arrived on The Duke and buchess of St Princess Christian a visit. On Thursday Prince and Thes Prince and Princess ormore
Princess was churched on Monday ar the Chites -The St. James's. Her Royal Highness aftermapel Rozal, out. On WYeder Roya Higaness afterwards drove Marlborough Hesday evenis the Prince arrived at Marborough House from Sandrugham. The christening of the infant daughter of their Royal Highnesses The per on thursday
gressing favourably, of Canthoughtery is still proslowly. The Govably, although reganing strength but lomp. The Government have consented to the request of his Grace for the appointment of a suffragan. he Archbishop is anxious it should be known that his present illness been made quite independently if taken for several months, in order to ns 'ertam shacther his Grace's recopery is as complete as there is every reason to hope.
The Duchess of Argyll has so far improved that there are now hopes of her recovery. Sir James Sirupson, who had been in attendance from the beginning, ad Dr. Radcliffe, who was summoned from London telegram received in town states that the Duchess has nassed another good night.
Lord Cairns.-The report that Lord Cairos has left Eqgland on account of his health is contradioted on Cairns anty. His lordship, who has proceeded with Lady and intends returning to be preseat at the meating of Parliament.
Repurted Deatif of Sib Stafyord Nobthcote by Drowning.- A rumour was current in Devon on Saturday that Sir Stafford Northcote had been lost in Sir Geargo Stuolep's yacht Deerhound, on her voyage home from Egypt. The report was wholly without foundation, the right hon. baronet having arrived in Paris in perfect health.
Consecration of Tifree Bishors - On Tuesday Erater Dr. Temple, the newly-elected Bishop of and Word Arthur Hervey. the new Bishop of Bath Bishells, and the luev. W. H. Stirliag, the fire Bishop of the Eaglish congregations in the Falkland under a cormmission issuad Westminster Abbey Canterbury to the Bishops of London, St Davill's Worcester, and Ely. The Abbey was cruwded to delayed for the commencemen of ceremony was After the consecrating bistops, the bishops ant thil Ather dignitaries had Chamber, the Bishop of London announced that he had received protests from the Bishops of Gloucester, Hereord, Lichfield, Lincoln, Llandaff, Bangor, Rochester, Temple, as the author of a production condemned as heretical by both Houses of Consocation. More than one of these communications had been forwarded at a very late period, and some, it was understood, without any intimation Dr. Temple. The obaracter and extent of veyed to objections which they urged were laid before the prelates for their decision, and in so doing the Bishop prelates for their decision, and in so doing the Bishop course to be pursued under the circumstances, and stated that, as the clergyman to be consecrated was of blameless life, and had never been accused in any court, thay Wera bound to obey the hoyai mandate and periorm the ceremony. In codrlusion he expressed make a declaration of his orthodoxy. Dr. Temple, however, made no answer to this appeal, and the three other Bishops named in the Commission having boon invited to delver thei opiniuns, expressed concurrenoe in the view taken by the Bishop of London, and their desire to proceed with the ceremony of consecration. The nath of allegiance was therefore administered by the Vicar-General to each of the Bishops elect in turn, after which a procession to the sacrarium was formed, and the consecration took place with the usual solem bities. The new Dean of Durham, Dr. Lake preached the sermon. In addition to the protests of the eipht Bishops, memorial was presented on Saturday to the Archbishops and bishops, praying them not to consecrate Dr. Temple. The document was signed by 1490 persons, incladiog the Marquis of shire, Lords Fituwalter and Elint, Sir Johsu Pakington, M.P, Sir W. Bagre, M.P., Mr. Dimsdale,
 Bh, hop Chamas, tho Dians of lork, Norwne and
 +,.1'sinl
 praser that what w s being duoe that day might not The Brehopric or Oxfoud,-On Wednesday, in and Chapter of Chirst Chuestl, Oxford, elented the
Rev. John Fielder Mackarness to be bishop of that see, in the romm of the Risht Rev. Dr. Wilberforce, translated to Winchestr bishoppric Oe Sirrba Leone.- it is stated that the blshoperse of S.erra Leode, isol Facant, has been
to the Rev. Ir. Massingham, of Warringion. Cutrir Alpointment.- The Queen has appointed Corps of Gentlemen-at-Arms, in the room of the late Lord Foley.
Parliamentary Movements.-Mr. Labouchere has retired from the contest for Southwark, in order to prevent a Con errative being elected through the
Iaberal votes being divided. In consequence of an Isberal votes being divided. In consequence of an nised as a probable candidite on the Liberal side in the event of a varancy in the reprecentation of Ber-
wickslure, Lord Durslass has intimated that he will wicksinre, Lord Dunflass has intimated that he will stated that Mr. Elward Wz na Wiliiams, eldest son of
the late Mr. David Williams, M, Por Merioneththe late Ar. share, bas been solirited to stand as a candilate for the county in the place of his father Mr. Nenry Whitmore having announced his intention to retire from
Bridgnorth, Mr. Willam Menry Foster, son of Mr. Wridguorth, Mr. ©illam Orme Foster, of Apley, has accopted an invitation from the Liberal electors to become a candidate for the seat.
Order of The Bate,-Mr. Secoambe, who has been Financial Serretary in the India Office every since the extinctionz of the (Old East India Company as a govern-
ing body, has been appointed a Civil Companion of the Bath.
Bath.
Oricisl Appoivturent. - Mr. Charles Kendall, Who was dsustant-Secretary of the Royal lyefence,
Commixsinn for many years, has been selected to fill the new office of Registrar of Habitual Criminals, under the Habitual Criminals' Aot.
TUE ARMY. -It is stated that the appointment to heen stopped at the Horse Guards by an order of Government, and that the intended reduction of the indantry will be flle ted by the reduction of two commanies in cach bottalion throus fhont the ervice naval retirement is nearly completed, and that under 1t: provisions all oflicers, both exocutive and civil, with the exception of flag officers and civilians of corresponding rank, will be allowed to retire at 50 years of that the Admiralty have abandoned the idea of further reducing the streagth of the Royal Marines.
Approachiva Colicecton or Taxes,-The Law Times says that on January 1 an the taxer for the and must be actually paid. For all their assessed taxes, except the intabited house duty, they will be comthe Fixclse, precisely as now for the keeping of dogs. Therefore the whole of the year's taxes must be paid in advance, instead of being coliected hall-yearly at the end of the year as hitherto. The income-tax is to be at once, in the same month of sanuary, already severely burdened by the compulsory payment in
advance of the assessed taxes. It adds that it mives its readers this notice "that they may make carly preparation oublio does mot appear to have yet realised, the gublio does not appear to have yet realised,
but which, when it is understood, will create a commotion such as has not been seen for many a day.' The Pall Mall Gazette, echoing the general impression conceraing the practical effect of the new ssstem under
which the assessed and income taxes are thus to be collected in January, had speculated on the chances Wis taxes in advance in January and have died in Tehruary would have if she endeavoured to make the Chancellor of the Excbequer refond the money. Mr. Pall Mall Fazptle.


 portion of these taxes is remadea. It nutat, however, be remembered that fur thíq hardship, the

 Whe Vocrevterrs.--The Secretary of State for with a deputation of commanding alficers of Volun teers, for the purposo of discussing the question of
 nopowe to chnect the fore with the arny undir one unct, the of hry heutenants. He will hacreane th

panng au eximiaation. Camp equipage and target
 politan corps. Company dralls to count for capitation grant mast bo with not less tlian 12 files, and battalion parades four companies of lu files.

## 1Forrtgu

France-The
Togran from its lierlin corresponday published France had proposed disarmament at St. Petersburg Vienna, Florence, Berlin, and, it was supposed, a London, Accounts from Berlin stata on good France to Prussia, and that it mas doubtful whethe the proposition had been made to the other Courts, ome time sinco the object of an exchange of correspondence between the British, lirenck, Russian, nitiated by the French Government and the letter hichl pased beturea the interested Governments left hitle oliance of the idea assuming a more tangible form. M. Emile ()llivier has catekorically contradieted the statoment that stnce the meeting of the Legislative Body he had been intrusted with the formation of a new Cabinet. In the sitting of the Legislative Body on Friday, on the readiag of the minutes of the previous the dismissal of the Juges de Paix. Several speakers ccused M. Cremieux or has missal of magistrates in 1848. M. Keller asked leave to interpellate the Government on the system of the demporary importation of cotton into rrance. debate on the doubtiul electinns "as the resort of the commatiee on the return o M. Lecesne as the Deputy for Havre, which proposed o declare him duly elected, was brou,ht up for disens
ion. The conclusions of the committee were agree o, and the election of A Arpenco was afterward ratified by a majonty of 159 to 72 . In the sitting of
Saturday, after the election of M . Leroux was ratified, the eleotion of the Duke de Rivoli was declared vali without discussion. In the sitting of Monday M. Roche ort moxed au interpelat wal Angulo, an extle from Spain for having done his duty, had been expeller from Trine at a dime when the preseace of adelised Queen Fro conspires in open daylirst, was mponed lis remarks he said the severity of the Trench Govcrument in apprehensou of a Republic was reasonable, since that form o Interior replied that Fraco showed a generous hospi tality to all foreiguers - hings or subjects. Angulo had entered France after attempting to create civil war, aud by preathards fasediation. Thereupou the Govero ment put into operation the law of 1819. The Minister added that the Government was resolved to treat as they deserved all attempts to stir up disorder, and would render the minority harmless, not by force, bu by moral authority, supported by the concurrence o he entire peopte. Enthusiastic applause followed the Belgium and Switzerland gave refuge to Republicans the matter was allowed to drop. The report of the committee on the election or II. André was declared valid. In the sitting of Tuevday M. Schaeider, having recovered from lit recent illues, resumed the presidency. Count les moved fo eave to interpellate the Alinistry respecteng Fave and Lebupuf also spoke on the subject, and the Government consented to the motion, and fixed Jan. 20 as the day when the interpellation should be brought forward. day when the interpeliation should be brough resumed, and the return of M . Chagot was deolared valid by majority of 154 to $\mathbf{~ M}$. way the elections of Messrs. Rouain and Marince on Sum annlied. The Emperor gave an audence his return to Anterica M Delangle, the late Minister of Justice, died on Tuesday afternoon. The oflimal journal announces the total loss, with all hands, of the Imperial despatch boat Gorgone, off Ushant, as she was returning from the Spanish coast to Cherbourg. The heart of King Richard I. of England, which has hitherto been preserved in the treasury of the cathedral of Rouen, has just been placed in the tomb recentiy erected for that sovereiguish uttered by Coour de Leon. The leaden plate on the urn bears the inseription, "Ific jacet cor Ricardi, regis Anglorum. spain.--l'letitions, bearing a considerable number o signatures, have been received from some of than chne towns of the Peninsula, including Santander, Orense to elect tho Duke of Montpensier King of Spain Rumours are current in Marrid that a reconciliation

 The Mincies of the late in lind.ty: the mountans of Toledo, attended th: : an the large amount of destitution in fra Madrid.

## the Minister of War, has resimea Man

 no change in the 11 mastry will occur untaiend open on the Pth of JanuarsPrTssit. 'The Upper ILouse of the Jui day adopted almost umamouly th.
the consolidation of the Prusian were also passed
Rhine Navization
for establishing Courts the $1_{1}^{2}$
with the ravization of that river. the Government for consideration Kayser, a Romau Ca
dorf. has heen suspended from ofl
Protestant I incess, when neither be
a position to promise that therr ssue sbiajur eme tried at the Berlia Criminal Court on tian : tho charge of attempting to shoot 1.e I: rom while performing Divin rie was fund guiry, and
bisonment wha hard abour. Her 1
been appointed Minister of the Interior and :as hen appointed Minister of the Interiof, 3
appointed Minsster of Public Worslap
ADostria, the Minstry on reluble autoners - at
 the Council of Moisters, and that at tue vere resign. It is believed that the result the address at the end of Januar Ministerial crisis. Public demonntral
Constitution. In tho sitthny of then the Reichsrath on Saturday the and public debt.
Government has declared 1tself read treaty of commerce with Ausiras am?
the footing of the riont farourch nation the footing of the mont furourch nations
Da Lualis - Advices from Cattarn interview took place on 'I'nesday
General Auersperg and a deputat
tian insurgents, to arrange terms
insurgents, showed evident styisol derupara a 6 de muragenent, stated rearetted has as was
 take place to-morrow, when

## olfielaliy as the negotrators for

## RUsisis -It is reported th intends visiting Jorualem

wul visit the Sultan
the population in different
strations on the abolition of serfdom annur plotters had
of the National
or the Mational party. The con
The logiders who have been arre-
before the ordinary tribunals. How of tia
to several of tho leading torns.
to several of tho leading towns. Prussa,
TALL.-The and the Queen of W..rtent
and Priace Louis of Hesse went on
Svezia, where they embarke
Drachess dretorala left on Sun
Ellot and Lady Filliot left
that the Iunchess of Gen
tions of the Spanish Minister speech of Generai Prim, in the The Chamber of Deputies adjourned February 1, after voting the pros Budget until the end ol exceptio "th the millers for the coilectio
the stting of the Senate on
said he hoped that party pls
the same
oxpressed resurations respectio
the hamuotal disurusulte of the Senate eramine the Provisionul Budget the lar of the day, expresing regret that

## andeo of the day, which was eyuri alent to



of the drist

bstutat the rec
We exceptonal crercise of the Budget, - (irme Tas, sere thers approved.
terwards in letinitely prorogued. The ulat.ons are apprehented at l'ssa
gratss. - Phe Pope on Sunday recelved 600 fyects at the Vatican. After speaking with num ut drelt upon the sifllatance of the Christrnas Festival, and said, "God, io hirilitt, declared pride to be the enemy of mambly, amid loud applause. The third rest. n of the Council was held on
at tie ele.t ton of 15 out of the 21 eccle In compure the committee on matters a ete]. 'I'
Of Cambray, Utrecht, lozen, Malines, de Westminster; tho Bishops of Poictiers, ia Patrared. The assembly then members as a committee on questions con discipline. The Apostolic bull "Sedis," ave, reduces the number of con for mist ial censure, was promulgated on 1 telegram from Rome says that the idea, of the infallibility of the Pope loses ground. as has entrusted the exact wording of the is to take this responsibility. It is certain - tera prelates betray a decided anxiety lest rer of the Pope. A letter on F'enianism by has reached Rome and created a very

In this letter Father Lavelle the Henians have never been formally lalian, and placed before the Prefect latian, and placed before the Prefect Thich Cardinal Bermation of the congreMhich Cardinal Barnabo presides. The a 16 cardinais' hats at the disposa! of the is asserted that his Holiness will not rdinal during the Council.
M. Znimis, however tifications will be M. Zaimis, however, the President of the 11 mitres. In the sitting of th inturgellistion respay, M. Cudoresco an hy dews in Roumania and the 3. Vornoo gave notico of an interpromises to Earl Clarer M. Boerexo a should obtain civie rights.
Lare sahscriptions to the new loan closed - 9 93.001, Priday. The number of bonds
mos $1,861,2201$, and the Server agregate amount 1 the sultan from Esypt and nad laty is confirmed Setlement of ray Ekrema om acoount of ha, he sutan, health, has retired from has. zranted him tho full pay and ihslife.
despatch sent by the Earl of lat ons of the British gaid that he of tue suez Curta., addunermment Cilssista the sentuments both of ber ment and Healso congratulated alfiriei to a work on the constant Hral and comme fruitful in the ul. mated this dispatoch to the Emperor Led as follows :-"I azn hitppy to learn monat, you have received from the ", vour efforts, whith phasure that 4. Hopr,-Werss.
ronv in In the eastern pruvin from the a eriated in the to be contested. A seform B
Lethaman With Trekelo, to have 600 oxen for The Wodehouse hes claims of
The Wree State Gore prevented
resured on enfurctn Ge removal of the Basutos from
the disputed lands. Mr. M'Corkindale the represent tive of the companay, tile owners of the river Asooto - thement of the dirmata motueen Eingland and Por-
tugal as to the oncrun, of tugal as to the on refrulp, of Delagon 3 Pay. The Nore


 In, i. IIstumes, and Sir Jarmetjee Jejeebloy, B, hit.,

 Central Gaol at Rangoon on the 15 thits ult., resulting in Co death of the superintendent of the gaol, Dr Connell Maingay, Mr. Candish aud Captan Beau Poona in connection with the Abysinombay and Poona in connection with the Abyssinian inquary Mr Mred Stites - The Nevo Furk Thenes
Mr. Motley, the United States' Minister in Londat has iaduced tbe British Governmeat to accept a proposition for the transfer of the negotiations Alabma claims to Washmgton. Fighteen of the Spanish gunbonts sailed fur New York on Sunday cvening, it is supposed for Cuba. Congress bas passed make preparations restion authorising the Presudent to the late Mr. Peabody, as merited by his glorions deeds, and in a manner commensurate with justico and Mr. Fish, the Secreat people, It is reported that resign his posty President Grant has, will 800 n ex-Seoretary Stantou to the post of AssocisteJustice of the Supreme Court, vacant by the resiguation of Mr. Grier, and the Senate has confirmed Welis sopointrnent by a majority of 1 L to 11 report to Congress, recommends a modtfication of the tariff. In the sitting of the Senate, on the $16 \mathrm{cth}, \mathrm{Mr}$ Carpenter delivered a long and impressive speech in favour of recognising the Cuban insurgents as belligerents, Mr, Sumner spoke in opposition. In the House of Representatives on the same day, Mr. MLunen, Democrat, from Ohio, made a speech advocating followed. Messrs. Brooiss, Randall, Kerr, and Woodward, all Democrats, denounced repudaation, declaring that their party was in fced repudaation, declaring nent of the debt. The House adopted, by a majority ofion direutly 123 resolution decarine that "any proponrion of the drht indectly repulate may wortigy of the honour and good name of the antion; and the House, without distinction of party, hereby sets 1 ts seal of condemnation on any and all suoh Mr. Jones, a Demoorat, from Kentucky. In the sitting of Tuesday, the House adopted the IBill which the Senate had passed by a majority of 49 to 9 providing for the reassembling of the oid Legislature of Georgia, to 1 nclude the negro members, and dechang the ratification of the Suffrage Amendment by that Legislature to be a condition which must be fulfilled previous to the adulistion of the Georgian delegation to Congress,

Canada.-Tbe Canadian Parlinment adjourned on the 23 rd inst. until January 11. The Ontario Legislaonccurage immigration
Ropert's Land. - Intelligence from Winneper territory announces that Governor M•Dougall and Colonel Dennis, Surrogate-General, were at Pembina force of Sah territory on the 6th inst, organising press the insurrection on the Red River Tt is reported that Riell the insurgat leader had 400 mepurd arms. The latest accounts state that the insurgents continaed to show a determiner resistance to the authorities, and had seized the promınent Canadian sympathisers in the settlement, and taken possession of
 reported to be retreatiog geona racio rain harangued a meolion at Washing his indignation aqa nst the Government a Washimbon for permitting Governor MDougall to Paraguay.-Lopea is reported to have
Paraguay town from his last resources having been cut off, while he is himself in despair on account of the demoralisation of his remaining forces and the want of provistons. His troops had mutimied, and he had sho upwards of 200. The ailied forces in smali detach ments were pushing into the iaterior without resist ance, and were daily finding proof of the almost total dismemberment of Lopez's army.

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Monex Marker, Thursday. - Beitigh Punds: Consols are 921 to g2t, New and Reduced Three per Billis, March, ls. dis. to tio pm., and June, par to us pon. India
 Egyplian 79 to 794 : Mexican, $13 \frac{3}{3}$ to 13 ${ }^{3}$; Argentine, Egyphan, 79 to 79 ; Mexican, 18. United States 5-20 Bonds, 85: to 86; Erie, 17 to 174; Illinois 991 to 100 .
fiteropolis and fts Vicimity.
 talir biehs un hats yustion. 'Laere were prasent from Principal of Brasenose, President of Trinis, , ir 13 ,
Brodie, Profesars Prine. Wilenn $H T S \mathbb{S}$,

 Mastor of St. Juhn's presented the of Peterbouse. The bridge with 116 sigriatures said that there were thres noiuts ous wifh he was arrived when this question onght, That the tine had legislatire enacturent ; od, that it should bo by i some nulsory, and not by a permissive measure ; and, 3d that it should be made a Government mesurure Ho could not, however, give any speoifo promise at present session. He had not couralted hat collesgan on the pont, and at prescot here was more mportant ques be settled before they could deente whether then inus brin in a libll respectung the teats. He threy conld ver, that the passing of any wan mezare next nession waich was likely to prevail in regard to its provision and pressed those anxious for the settlement of the पuestion to try and arrive at as many pomet of agrec ad to posibie, for 11 new questions were started, and itu be forn, it might be impos in if only rom lack of time, fo get a measure pussed WraTuINo
WRTMINSTBR SCZOOL-The new governing body first meeting asas auw been fuily constituted, and the rrst meeting was held on Monday. The ex officio Church and the Dean of estminster and Chris The others are Sir R. Phillimore nominated by the Jord Chief Justice; Mr. William Spottiswoode F.R.S., nominated by the Royal Society: Canons , Thomand Conway, electad by the Chaptor: Kev. 11 mond, by Trinity Collese. Cambridge. The co onted members are the Eirl of Devon the Master of th Temple, the Bishop of Exeter, and Mr. D. Acland M P. The numbers of the sumoul have risen since the question of removal thas mat at rat by tha Pablic
Metrobultaty I'tiblio Wroba= - The Commons olect Committee on the subject of the proposed Wellingonaknent, from Hunger instructed a so to inquire whether any controllin power over public works in the metropolis is vested in and exercised by any Govermment department Th committee, over whel Lord E oho presidea exnmined several gentlemen, and the evileture giren by them he Just been issued The comotiteo tame to the followung resolutions - "TThat mo general contral over Work and buldiuse in the mogropolis constructed una Parliamentary agnotion is at present wested ia Government or public, any than that now exercised by departments of Governnent over the buldings that are under thens superia tendence. 2. That the design and execution of unsightly works, suoh ag the Chering Cross railway station, and the railway bridyes across the streets and of and the now Blackfriars Bridga, aross tha rimage may te cow blok hisis Bride, acoss the Lhames, may bo reasonaby atiributed to the fact that railway, san, water, and other pubic cormanies, or corporate t 1 an dios jected works or buldiags when applying for jarlia jected works or butamge when applying for Parlia-
inentary powers. 3. That having regard tos tho nentary powers. 3 . That having regard to tho amprovement of inst further disfiguroment, and is desirable that whenever any pubice company
applies for Parlamentary powara to enabla it to executa
ay works or erect any buildiags in the metropois, of or rave money for the execution or erection of such Forks or buildings, it should, before coming to Parliament, deposit at the onfce of the Commissioners of er Majests: Works and Publio Buildings, plans and devati ms, designs or models, in fize manner gs railway companies are nuw obliged to deposit jlans and sections at the Board of Trade; and the committee reoommend that the standinf orders be amended to as to effec his object. S. That the First Commistioner of Works should report to Pariament on such plans and elevacions, designs or candeis, and that suen renorts shoul be referred to tise Committepi on Private Bilk, in the amo mabner as tho reports fonk the Berd ul irade and Admiralty are now reterred." The ohairman pre pared and proposed tie first three or vese rosolations though not exactly in the ferm in whioh hay aow stand. He proposed, atso, to recommend that a general oontrol over an plabio works and buildiaks in the metropolis should be vested in the First Commissioner of Works, that areater importance and influence should bo attached to hig office: that there shntiti ton Pariamentary under or sassistant-vecretary: that fire of Auvice, represpntint the City, the Mhtruphatall Borrd of Works. the Rnyal dcademy, Ene Instate and the Itatitute of C'vil Engimers, eal of these bodes 10 name three al its memioce frot whom the Government should select one to serve for three yeare, and then be re-eligibie, all these members

Combinionon on Milhtry Elumbon and the Tramin


 Mnhtary education in those countries, ammiss.oner undertouk a minion from Canada the the nited States,
for the purpowe of vinting the Military Academy at
West Point. The reporta furnished by these officers, West Point. The reports furnished by these officers,
together with account, recered from other soures of the shstems of multary education in foreggn countries,
wall bo publighed. The Commesimn had for its first
 apponted charman; and at the samo time General
Eardiey-Wilmot was appointed a Commiscioner, in the room of Major-General Lefroy, and Mr. C. S.
Parker, M. Fis added to the Commision. The Parker, M.P, was added to the Commission. The
report is signed by Lord Dufferin. Lord Eustace Cecil, Lord Northbrook, Sir C. Kussell, Sir D. A. Cameron, Lhe Rev. Dr. Butler of Harrow, the Rev. W. C. Lake, S. Parker, apd Colonel Chesney. Lord de Roz in his "dissent" avows his opmion that no such institution not agreo in the seheme for institutios regimental instructors, but entirely ubseribes to the scheme for garrigon instructors at large stations and camps for
training officers in field fortifirations, reconnaissances, posting of piekets, de., and thirdly, adverting to the :ystem or "crammiog," he derlares his strong opminn should be by a well-regulated combination of noms nation and çualfication, aud not by open competition tonareh, $\bar{\prime}$, ron armour-plated turret ship, Captain Commerell, V.C., having on bnard the remains of Mr Peabrdy, and the Ply noouth, Unated States corvette captain Macomb, whed anchor at ten o'elock on Tuesday csiort, welghed anchor at althourh tho atmosphere was very hazy. Mr. Russel Peabody, tho nephew of the philanthropist, was telethe Monareh.
The New Street to the Mansion HouseIt the meeting of the Metropolitan Board of Works the Works Committee, that the name of "Queen Victoris sireet should be given to the new line of street from the Thames Cmbankment to the Mansion Wrs
Wrstminster Abbry.-A stained-glass window has just been placed in the Poets cor
Abbey to the memory of Chaucer. Sion Collegr-A fow evenings since a paper was
read by the new Dean of Ely, in Sion College Hall, on "Charitable Endowments," This was the first of a neries of evening meetings for discussion, to which
invitations have been sent by the court of governors to invitations have been sent by the court of governors to
all the more prominent smone the London olergy, as woll as to many distinguished laymen, besides the cards of admission usually issued to all fellows and subscribers to the library. Owing to the unusually wet and stormy night the attendance was not so large as had been anticipated. The paper gave a complete lustory of the rise and growth, of the princple of "Freedom of Testation", which Dean
Merivale maintained was a mark and test of civilisation, but also because it gave an opportunity to Mr. A. Hobhouse, who two years ago in the same jlace read a paper on the same subject, from quite a known opinions on the question before the meeting, which were by no means in all points identical with those advocated by Dean Merivale. Lord Lyttelton, Charternouse, Iessrs. Sincox, Lea, Lane, and Milman also took part in the discussion. The next meeting is fixed for Thursday, January 20 , when the SolicitorGeneral will read a paper on "The Freedom of Opinion Country
Corvmbia Market.-It is stated that Sir Sydney are in treaty with Miss Burdett Coutts for a long lease of aportion of her vacant land outside Columbia market, aud near Shu rediteh parish church, with a view to erectby the closo of next year. Uther bulding nezotiation:are in treaty, and the approach to the market nearest to London is being widened to the extent of 50 feet. The ron columns for the covering of the market square are already cast, and Messrs. Hemming \& Co., of Moorgate Street, have begun to roof in, preparatory to its openug as a great wholesale fish market in the course of Sidenor
SIGNOR MABIO.-It is annouveed, on authority, that there is no foundation for the report published on Saturday in some of the London newspapers that
Signor Mario has committed suicide at St. Petersburg.

Another New Tueftre.-A theatre is in course by the Bentinek Club. Mr. J. II. Montague, of the Prince of Wales Theatre, is to be the lessee.
Prrseytrian Music.-At a meeting of "the London Presbytery of the English Presbyterian Church," on the 1 thi inst., it was decided, by a majority
of 21 to 8 , memoralise the Central Synod, at its next
meeting, to enart that in future it shall be lawful, on
 a crowded meeting of ratepasers of the parish of S
Giles, Camberwell, was hpld at the instance of th
wheroluardens, to consider tho nature and eflect,
 ud ${ }^{\text {ted }}$ in the warint church.
hy Mr. Gray. There was considerable uproar, shownh
that tho feeling of the parshioners is by no mean unanimous on the subject. The viar was accused o having allowed the use of the churcli, on the banners and vestrnents would be paraded in the service.
The Hon. and Rev. Lord Adolphus Osborne was the preacher on the occasion, and the sentiments to which, in the course of his sermon, he gave utterance appear
to have been especially objectionable to certain members of the conpregation. Some of those who took "these Ponsti practices" spoke very warmly on the den and other champons, but eveatually the resolution Was carried, and a cony of
to the Bishop of the diocese
The Albebt Life Office and its Amaleama tions - Vice-Chancellor James on Friday made an order to wind up the Medical and General Life Assurby a shareholder and the other wy representatives of a company which had effected insurances in the society Monday Yice-Chancellor James made another order for the winding up of the Kont Mutual, which was one of those that had been amalgamated with the Abbert. Reconerauction of the Albert Compant.The Burmingham Post says that it is in anosicoma of a reconstruction of the Albert Company, under such auspices as will tend to restore confidence in the ability of the company to pay all claims upon its funds Several meetings ontly been held, and on Thursday the resolution for reconstruction was adopted at a meeting resold at the Agra Bank, presided over by Mr. Thompheld at the Agra Bank, presided od by the representa-
son, the chairman. It was stated tives of the amalgamated companics that whatever innncy was required to provide for the deficiency in the Albert funds would be found. The probability therefore, that the official announcement will be issued forthwith. The direction will include many men of high commercial and social standing, and will
include any director or offi ter of the late company include any director or ofliter of the late compang. fterncon the usual weekly meeting of colonists and gentlemen interested in the dependencies of this country was held at the Camnon Street Terminus Hotel, Mr. Youl in the chair. Sir George Grey commenced the proceedings by asking whether
tion which was sent last week to Lord Granville had any reporter present on their behalf, is was apparent that some of the reports which had appeared in the London papers were unfairly drawn out by the same hand, Ging scarcely anyta Colonial Minister at full ength. He then commented upon this speech as most unsatisfactory, jnasmuch ns it kave no guarantee that the Minister wowlan between this hed duty to sever colonies, even though he "would be exceedingly sorry to see England part with all her colonies." The people of England ought to know whether it was considered to be within the power of any Minister to sover the kingdom from any of its holdine whether it was far or near, a colony or a sister island like Ireland. The Chairman, in speaking of the first question said that when he entered the Colonial Office as one of the deputation he found already sented there a reporter, whom he asked it ho attended for the Times and the answer received was ateaded "or" the reports for all the Government office. Tor his own part he had no complaint to mate
 or the mander for though these reports were often shor report, shortened, they were fal to all paphich it wes gite must complaia the Colonial Office had sent to certain London papers for insertion on the second day ater the deputation. These reports were all alike, and, while they dealt most unfary with the speakers of the deputation, Lord Granville's speerh appeared to have been revised. After a long conversatio
moved the following resolution
Tesprewt the practical indeprondenco al a reprosentative and repinansiblo beal Government, latterly conceded to many of the hundy concurrence of the Imperial authoritice, was most parent statc, lint, on the contrary, th gtrengthen it hy the owe poitical condition, and that in this respect this inberal Mr. W. Harding seconded the motion, and after som remarks by the Hon. Mr. Tobin, Mr. Beaumont, and others, it was carried. Mr. Beaumont gave notice the next meeting :-

That, as Britiah subjects in the colonios, no less than thone in the mother country, are bound to ronder, and da
willingly render, allepiance to the Crown of England, they ar no less entitled to the constitutional rights if Britush sish
jects: and that to withhold from them any of suah righte
 colonies to encourago emigration to these, and for this purpose o make much more largely nvalable than hitherto the
almust unbounded resources of the Britioh Empire." "That
the opparation of othe colonics from the mothor country
would be a capital iojiry to the Britigh nation, and ought


The Stagnation in Trade- 1 ajor electors and ratepayers of Bermon, to consider the effects of Freo Trase on
workman. Mr. Iloberts, whil occupue the workman. Mr. Roberls, whil ocuple the posed home manufactures came from the specially referred to Bryant \& Mas's mot wero cut on the Continent, leavink luol When workmen complaned of certa a which they were subjectel thes weren told by the employer that the $m$ the Continent at a cheaper rate
There was not a trado ia England tha from Free Trade, and it even went so the wood-splitter, who found his tra. foreigner making up the real results of Free Tray in at the imports and exports. I imported into England
goods, and England sent to liusus,
There were all kinds of excrives zifeu fis and our system of doing busumess, but and our system, of dreen to the foreigo would repudate therr treat
was geltine rich, but the co

$$
\begin{aligned}
& \text { was getting rich, but the colt } \\
& \text { The French nation favoured }
\end{aligned}
$$

## The

## cost of a large proportion

people. England took ments raised against

## become painfuly true was necessary, but ho

## of work in the country

play with the foreign
resolution declaring
Trade was objectionabl
of the British workman
been on the increase st
the increaso. Ss, since 1860 emigrat
Sine
increased, and hega
sending annually


Grant took credit in

## of the English nation

then referred to the importation
and said that
the past ten years, and w
motion, which, after som
Emigration to tee

## presidency of the Lord $\$$

moting emigration to the colontes ni
The mode in which this was propneed by amalgama
of compressing the emigration accietie
wiser to extend them, or
to work in its own way
and a further conference sarnazzed to b
Emigration of Wurkyen. - 1 pu
held on Friday evening in the
gational Chapel, Emi,
took the chair, and dwelt aow e
tution and paupertsm now
which was weekly increasi
remedy ho could see
labour of this country
was in demand; and
this and similar societies. Tisen,
addressed by tho Rev. Hugh, Mlen, Mr. Measor, Rev. Mr. Rogers,
Potter, and othera, and it $w a s$
that a deputation should be ze
impress upon the Government

THE GARDENERS＇OHRONICLE AND AGRIOULTURAL GAZETTE．
Ins 51800

## 泟robinctal．

Aldershot．－A Government inquiry，which is of the utilisation of sewage and the liability of Local opened on Monday at the office of the Aldershot
Local Board of Health．The Board has recently been
as to see whether they were willing to work He had tailors，shoemakers，and people of every trade appl
to him，and he hardly knew how to test them． better plan，in his opinion，could be provided than to provide some place for the children，so as to leave the could be better than for the charity Boards to take up the question of paupers＇residences，because in that could speak of many Unions in the metropolis in Which no care was taken as to whether the children
were sent to school or not．Other speakers followed， were sent to school or not．Other speakers followed，
and the proceedings closed with the usual vote of thanks to the chairman．
OrG the the
ing of guardians and Charitable Relief．－A meet－ ing of guardians an representatives of the charities in Westminster was held on Monday for the purpose of
organising a system of relief which should reach all organising a system of relief which should reach an
deserving cases，and prevent any from obtaining duplicate assistance．Mr．J．G．Talbot，M．P．，took the field，Lord A．Churchill．Mr．W．H．Smith，M．P．，the Rev．A．Borodaile，the Rev．J．H．Hamilton，the Rev． Cyril Page，\＆c．A resolution based upon the sugges－ tions of the Poor－law Board was unanimously adopted， ving out of the gifts of the benevolent may not be able to obtain assistance from two or three sources，a circum－ stance which now is believed to be extremely common． The Rev．Samuel Martin，an eminent dissenting on Monday a meeting wes held at the Islington Institution to consider the pro－ priety of organising and establishing a society for repressing mendicity in that parish．The Rev．Daniel increase of mendicity was becoming very serious．There was a great number of persons in Islington who made a regular traffic of begging，and who traded upon the benevolence of the public．The class of mendicants
Who were the greatest evil were those who begged
from house to house．There were places in the parish where mendicants could buy petitions already written， and obtain lists of all the charitable people residing in the neighbourhood．It was proposed to establish a society which would employ two oflicers whose busi－ ness would be to inquire into the real condition of those who applied for relief．Those who were im－ postors would be detected，and those who were really charities in operatio in Islington or，when these

Hill explained at some length the advantages and the working of this system，and said that it had been successfully carried out，in co－operation with existing relief societies，in the parishes of St．George，Hanover Square，and Marylebone in which districts a vast amount of imposture had been detected，and at the same time many deserving poor relieved．Resolutions approving of the proposed plan and appointing a com－ mittee were agreed to
Forgery of Bills of Lading．－On Monday the wo Gravesend boatmen，Brown and Terry，who were charged with a series of extraordinary frauds upon nsurance companies，were aggin brought before the Lord Mayor at the Mansion House．The evidence showed tatat the success or these fraud，which extended ver a whole year，appears to have been due to the boldness with which the prisoners had carried them nto execution，and that the insurance companies had been robbed to the extent probably of 1200 ．The risoners were again remainded．
The Late Murders in Abyssinia．－It is reported that the expenses incurred in recovering the remains of the late Mr．Thomas Powell，who，with his wife and others，met their death in so sad a manner while on a hunting expedition in Abyssinia last spring，amount to more than 15，000l．Chiefs had to be largely propitiated by costly presents，and Egyptian soldiers had to be employed in carrying out this mournful duty．One chief，or sheik，on being asked what form his present should assume，replied that he wished for the full uni－ form of a British geveral．His fancy has been complied with，and the cocked hat，plumes，sword，\＆c．，are now on their way to Abyssinia．Mr．Henry Powell，who， with Mr．Jenkins，went out to recover the remains， has since his return suffered severely from ill－health
The Public Hkalte．－＇The Registrar－General Weekly Report states that in the week that onded on Saturday，Dec．18， 4530 births and 3630 death were registered the 1000 gore．living was 29 per 1000 persons living，being 20 per 1000 in London， 36 in Eamburga， 24 in Dubla， 29 in Birmingham， 33 in hiverpool， 33 in Manchester， 32 in Salford， 34 in Sheflield， 30 in Bradford， 30 in Leeds， 9 in Hull， 26 in Newcastle－upon－Tyne，and 40 in Glasgow．In Paris the annual rate in the same veek was 26 per 1000．The rate in Berlin during the seven days ending the 16 th inst．was 26 1034 girls，in all 2229 children，were registered last week．In the corresponding weeks of 10 years 1859－68， the average number，corrected for inerease of popula－ tion，was 2204．The deaths registered in London during the week were 1566．It was the 50th week of the year，and the average number for that week， corrected for increas op amount．
hocal Board of Healti．The Board has recently been raining the town sewage into the river Black
rater at Ash．To this the Board answered that i any nuisance existed it was caused as much by the and a ion asking the Government，as contributors to the authorities，in response，alleged that The military he stream occurred before it reached the boundaries tary of State for War applied to the Secretary of Sta or the Home Department for an official ing or state the allegations on either side，and Mr．Bruce，in pursu ance of the powers conterred upon him by the Sani ary Act，1866，appointed Mr．Rawlinson，C．B．，t make the ofticial inquiry，which was opened on Tues－ and several military witnesses．The evidence was very of Mr．Martin，an innkeeper，residing nea the Camp Farm；Mr．Fillingham，tenant of a cottage of the Local Board；and Dr．Shoolbraid，its mediaa officer，were that the water which left the Cam Farm after the application of the sewage to tho land was very oftenstve in odour，and often black in colour there was reason to suspect that its effects were iniu rious in various ways，some of the cottagers attributing of the water of their wells to the and Mr Blackewage abominations．On the other admitting that the sewage water was often black by the iron－rus of the soil over which it had previously passed．Cap－ he farm recently，in consequence of complaints which anderstood that persons were in the habit of drinking he water which came through the subsoil pipe Staff－Surgeon Major Thornton said there had been few complaints in the North Camp about the farm when the wind was blowing from the south－east，but it did not blow from that quarter more than a dozen mes in the course of a year，and the North Camp was romarkably free rom zymotic disease．the Commis oners said that sewage farming was in its infacy． ad th proportion and at proper saasons．He thought Mr． rrigate the same land with the same volume of sewage or all kinds of crops，and if they attempted to grow Wheat they would simply waste their time．The Commissioners then，accompanied by the members of the local Board，proceeded to the farm to make minute inspection of the system there in operation prior to reporting to the Secretary of State on the whole subject

Birmingham．－On Wednesday Lord Napier o Magdala visited this town on a vieit to Colonel Charle reception from the inhabitants．He was met at the Great Western Railway Station by the Mayor，mem－ bers of the Corporation，and Volunteer officer．In the afternoon a public reception was given to his lordship at the Free Reference Library，when an address to him Was read by the town clerk．In the evening Lord Napier was entertained at dinner at the Great Western Hotel，where，among the invited guests，were the Ear
of Dartmouth，Earl of Lichfield Lord Lyttelton，Si Charles Adderley，M．P．，Messrs．Dixon，M．P．，Muntz M．P．，Newdegate，M．P．，the Mayors of Birmingham Coventry，Wolverhampton，Wenlock，so．At eigh oclook the distribution of prizes to the prize marks保 prizes to the successful candidates．
CambRIDGE．－A general committee of resident members of the University engaged in tuition，have adopted a scheme of arrangement for delivering lectures to women during the ensuing Lent term保 ton，Cayley，Liveing，and Maurice，and about 20 other the most part commence in the first week in February， and will comprise English history，English language and literature，Latin，Greek，German，Frenoh，algebra， and the priciples of ariuluetic，prachcal aritumotic physical geography，chemistry，harmony，thorough bass，and the theory of sound in its application to music．The lectures will be delivered twice a week Within the period of University residence，and between the hours of 2 and 5 in the afternoon The fee for a single course will be one guines，and any woman having attained the age of 17 will be eligible for attend ance．It is intended that the scheme shall be self－ supporting；but the committee will be glad to accept funds for the formation of exhibitions．
Carmarthrn．－Sarah Jacobs，the Weish fasting girl，died on Friday evening in the presence of the four nurses from Guy＇s Hospital．Shortly after 3 o＇clock in the afternoon she became delirious，but the parents refused to offer her food．She made no confession，but continued in a delirious state until she died．A meeting of the watching committee was held on Saturday
alternoon, when lhe nurses were examined and pave
in report contanining a diary which they had kept
from the thiue they took charge of the girl
frill her
death the retor from the The report stated that for the first five days sho was cheerful and slept well, sleeping the greater
part of the time. She had a brief fainting fit on

 them. About 3 oclock in the afternoon of the
same. day she was very cold, and could not get
warm. Her father asked that her young sister should be put in the bed beside her, and this was
done. The nurses then thought the girl was dying, and told the father and mother they mightt go near the nothing. On Friday, the eighth day, she was very restless, but quieter than during the night. She died
at three in the afternoon. Dr. Davis said he had at tautioned the father on the condition of the girl on Friday, and offered to take away the watchers,
father refused to give her food. Some time atterwards, father refuse to give her food Some time afterwards,
however he sid that if the dootor wished to be per--
suded that the girl could swallow he might offer her suaded that the girl could swallow he might offer her
gomething; but it was then too late to do so. At the something; but it was then too The tomas and Phillips, surgeons, who made the post-mortem examination, deposed that the ody was plurap and well-ormed,
with indications of puberty; that the brain showed no indications of disease; there was no obstruction in the alimentary canal; the stomach contained three
teaspoonfuls of semi-gelatinous substance; the small intestines were empty ; in the colon and rectum there was half a pound of hard excrement; there was no mallormation anywhere, and the body was free from disease. It was believed that deceased was alflicted
with hysteria. Mr. Phillips spoke of a large hollow under the loft arm capable of secreting a half-pint bottle. Mr. Davis, the surgeon, deposed that the girl was in a fit for one month in 1867 , when there was a
difficulty in ascertaining whether she was dead or difficulty in ascertaining whether she was de
alive. The inquest was adjourned to Thursday.
Chastrant-- Further changes are to be made in the Chatham Dookyard, both by way of diminution and
increase. From the 1 st appointment of a master smith, the salary will commence at $150 l$, increase $10 l$. every three years, and stop at $250 l$. foremen of smiths will commence at 120l, increase 102 every seven years, and stop at 1502 ; foremen of caulkers and joiners are to com tonce al, The limit of the salary of foremen of the yard will be 2500 l. The Admiralty intend to make the following augmentations in tho pay of artizans :-Leading men are to receive bd. a day extra, as more work will devove upon
them from the intended abolition of the office of inspeetors of the various trades; sawyers are to have an increase of 4d, a day, and joiners an inorease of $2 d$, the dockyard hands, it appears that the general age between the age of 55 and that age will only be those betwoen the age of so and that ago wil only be those who aro no longer capable, from advan
doing what is oonsidered a fair day's work.
DABTMOUTH -The Mary, steamship, from Algoa Bay, bound to London, put into Dartmouth harbour on Tuesday, having on board three men, one of whom was handed over to the authorities on a charge of altempted murder, the other two being witnesses in the
case. It anpears that the bark Scirlini case. It appears that the bark Stirling, of Liverpool,
lately left Cardiff for Aden, and that shortly afterwards one of the crev, named William Boyle, an Irishman, made an attempt on the captain's life, and stabbed him in the neck. The vessel then put into St. Vincent, one of the Cape Verd Islands, where the Mary, steamship, arrived for a supply of coal. The British Consul handed over the men to the captain of the Mary, requesting him to pass them over to the authorities at the first port he made. At the time of the Mary's leaving St. Vincent, the captain of the Stirling was doing well, and hope was entertained of his recovery.
Derby. - The floods caused by the overtlowing of the rivers in the midland districts have beon very disastrous in this county. On Sunday, the rond in front of St. Paul's Churoch, Little Chester, Derby, was five feet under water, and it was of course impossible to hold Divine service in the edifice.
DURHAM.-Joseph Whitfield, a pitman, who was tried a few days since at Durbam for murdering his daughtor. aged seven years, and acquitted on the kaol. from miner's asthma, and died of exhaustion.
Epsosis.-On Wednesday morning, as a man called London with preparing to leave the village of Ewell for house and threw into the fire, where the wife was making breakfast, a bag of gunpowder, and then committed suieide by stabbing himself. The house was injured that he is not expected to recover. porter passing at the time was allac severely injured. The motive of the outrage is stated to bave been jealousy, and the suicide confessed before his death powder mills obtained the powder by breaking into the powder mills at Ewell Marsh
HouxsLow,-On Fridas afternoon 8 fatal explosion oocurred at the gunpowder works of Messrs. Curtis \& Harroy, at Hatton, by which three workmen were killed, and several others injured. The explosion of powder, and wns couse, which contained 1300 lb . of powder, and was completely destroyed, the machinery and other contents being seattered in all directions. The shock was felt for miles round. The last explosion that oocurred at the Hatton Mills was about 10 years ago, and until recently the inhabitants of the neighbourhood were of opinion that these works were
quite salo, as itwas believed that it was simply green
charges that were worked prior to being removed to the Haworth Mills to undergo corning and finishing. to Wednesday, when the jury returned a verdict of
LaNCASTER,-Considerable damage has been occa-
sioned in this county by the recent heavy raiss. In the river Irvell, on Sunday, the waler was 12 feet
abore the ordinary level, and in north, east, and west
In Lancashire there was nothing to be seen but a suc-
cossion of great lakes, dotted hore and there with a
homestead, hasstack, homestead, haystack, or tree.
Arthur Forrester, and who is suspected of being con nected with the Fenians, was arrested on the 16th inst. in an eating-house in this town. On his person
a loaded revolver. was found, and in his portmanteau five ohners unloaded. He said he was a hawker, and bought them in Birmingham to sell again. He was Mancri
chester National -The annual meting of the Manwas hela on Monday, When it was determinea to form the objeots of the association. The speakers included Mr. Rylands, M.P. for Warrington. Mr. Charley, M.P. Miss Becker, Mr. Jacob Bright, M. P. for Manchester chester presid ded. On Wednesday night a large meeting was held in the Free Trade Hall, at which resolutions Were unanimously passed denouncing the recent poMr. George Wilson presided. Among the speakers Osborn Morgan, M.P. for Denbighshire : Mr. Richard M.P. for Merthyr Tydvil; Sir Edward Watkin, and Mr. Torr, barrister
have caused the - Deluging rains which fell last week in the midland districts to overllow their banks. In the neighbourhood of this town the water rose very
rapidly on Saturday night and Sunday rapidy on saturday night and sunday morning,
covering the meadows near the town and flooding the cellars of the houses in the lower parts. On Sunday afternoon the waters had passed the mark of the great ${ }^{1857}$ of 1864, and reached the height of the flood of 1857. In the evening they were within 3 feet of the
flood of 1852 , the greatest inundation recorded for a long series of years. At Wilford Ratoliffe, and, indeed, throughout the whole of the Vale of Trent, the water has bad the appearance of a vast lake, thousands of aores being submerged. Numbers of sheep have been embankments washed away, and conniderable injury has been done to farm produc
OxFORD. - The following letter has been addressed Hor. Auberon Herbert:-

Dee. 11 -My dern Expidaent,-1 writo to inform you that
Thave docided to resign my fellowship. It tako this step for
two reasons- first, because d do not botiove in the Articles of
add, that those fellowships which were gained, as in my own case, under the old conditions of restricted competition, seem that I consider that the use which we make at present of very
extensive funds is unwiso and unjust, as it limits the number
of those to whom we cun offer the advantages of a University oducation. In a fesw days I shall take another opportunity of
stating what I believe Oxford, with her great resources, migh stating what I believe Oxford, with her great resources, migh
do for the whole people. I cannot separate myself from always received both from yous and all other members of that
society, however of ten or however widely we may have differed Plly, Auberon Herbert o my deas find
Portsmoutar--On Thursday week, while the wind was backing out to the southward and increasing in
strength, her Majesty's line-of-battle ship Donegal, strength, her Majesty's line-of-battle ship Donegal
Captain Hewett, V.C., bound to China, and lying a Captain Hewett, V.C., bound to China, and la company with the Monarch and United States' screw corvette Plymouth, was signalled to proceed to sea, The order was obeyed, and the ship steamed out in the teeth of the gale. Dight hours afterwards she was off St. Alban's Head with storm sails split, ports stove in, quarter gallery washed out rand decks filled with water. She was also strained and leaked very much in her topsides, if not below the night she After knooking about in the Ch's Roads beyond which no one who saw her get under weigh on the previous day supposed she had gone, and there anshored in safety. It is stated by the Times that the Donegal making good the dameges sustamed by the quarters it is said that this estimate is preatly exag gerated. This latter statement derives confirmation from the fact that the ship sailed on Tuesday for Chins
RUGBY.-The trustees of Rugby School met at Warwiok on Monday, and after some discussion resolved not to revoke the appointment of Mr. Fayman to the not to revoke the appointment

Salford.-Tbe Manchester Guardian atates, upon authority which it cannot doubt, that on Saturday evening a telegram from the Horse Guards was received by Colonel Reynolds, the assistant adjutant-general for the district, intimating that the Fewians contemplated
an atteok upon the Militia Barraoks in Salford, with an atteok upon the Militia Barraoks in Salford, with
the view of obtaining possession of about 800 stand of arms which were stored there. Colonel Reynolds los no time in adopting measures for the defeat of the plot. The rifles were removed the same night to the Infantry Barracks, where, of course, they are safe against any sudden surprise. It has since been announced that the report has no foundation, and that the telegram made no mention of Fenianism.
SheErness.-During the gale of Thursday night a
ad disaster happened off this port, by which five chil

he fire out. As which rose to such a bargase towards midaind
ikely to founder, Chapman got out then soon got half full of water, and pushed of there
also go dowz. He believed that expectel were drowned in the boat by the mares ind were knocking about till, past two of oclols and were pioked up by a fishing smack, He and 5 dren were drowned
witted man, was committed for trial as then on having set fire to two haystacks beloagivg to thon and the Wesleyans Reformers' Chapel
he chief constable of Oxfeday night the lua onstables repaired Pither, a cattle doctor, and Vandyke Polley, rins of his murder. Pither was conveyed to Orlorl con and Polley to the Watlington polios-station, fran removing somered man, who thas aymasalel house, has been liberated.
Warrington,-It was announced st iba weekly meeting of the Town Council lat wad resides in this town, had stated his istectionspace of ground, measuring about 11 anis sent a space of ground, measuring abogt 11 anu
a public park, to be devoted to the recrish public park, to be devote
Wilson-Patten has desired that the phos sal people, stipulating that the Militia and Foll hould be permitted to use it as a was placed upon the minutes.
Whitchurcer-A ruri-decanal conforenos nsh Lueries submitted by the Bishon of I/mbjl he clergy and lay representatives of the dionses An deacon Allen presided, and Where were poent Adderley; J. Davis and G. Jones, Ash; J. Chathe
Ightfield : R. Houlding and J. Pome, Phes; Eaton, Tilstock; J. Dawson, Whixal ; Bn Andrews, A. Corbet, J. Evans, C. H. Praay If ह1 resolutions were adoptod:-

| dieposed to accept a conscience clauso for rillashelloter places where the parents have not a cholon of sce principle of perfect liberty of teaching to porfect liberty of withdrawal to the parent. 2 II see how education is to be generally cuforod. is $\overline{\text { Vit }}$ |
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 be required as a condition of oorplogmant,being allowed in the examiners to poss thie with
incapable. We further think thant Denisan's Aat




Worcester.-The floods have been yery disate in their effects in several parts of this coanty, wh suspended. At Bewdley on Monday moraint pose Were prevented from things existed, and it was found the bridge to prevent persons hazardia Wrexeam. - The Board of Guardians have resolved to adopt the paid 3s, per week until the clildaren read

## Erelamp.

AnNIVERSaRT OF THE SIEGR OF DEBSIanniversary of the closing that city in the year 1689 , in the usual manner, and, notwit of the town remained unbroken. in the first instance to the
 force so overwhelming as to overawe Appretiot and partly to the seli-con Catholic fellow townsmen. The Ap their friends, numbering
attended by their band,
Their band played
heers of spectator
stic greetings of women

## in the cathedral st The Rev. Thomas from the text, Let every that be ibes, porars, or the powers that be Go leasing the cathedral the

To Mugema or
The Marquis of BUTE-The Buteman says that at some of the goings on in corquis of Bute, discusted is meditating a return to the Church of his Fathers It is alos stated that the Marquis took with him from workmanship, adorned with Scottish stoses, and pre-
sented it to the Pope, who directed that it was to be sued as the processional cross of the Council The The
uross was made by a well-known Catholic jeweller in Glaggo
Discovery or Gold IN Inverness-shire.-It appears discovery of gold in Invernesss-shire, or the neighoouring county of Moray, were not without
foundation. The precious metal bas been actually found in a stream in the parish of Daviot, but it has not yet been ascertained if it occurs in sufficient
quantities to pay the working.

## 路ailwayg.

Tere Metropolitan.-It is understood that the section of this line between Westminster and Blackfriars, passing adong the fembankment, will be com-
pleted and ready for traffic on May 1 , and that if the contractors are put in possession of the land, the xtension from Blackfriars to Cannon Street will also be completed by the same time. The capital in hand 8 more than sufficient to complete the work.
Accident on Tife Great Wretrrn,--On Friday
night a goods train was running into Brettell night a goods train was running into Brettell Lane station, near stourbridge, when the driver discovered that a part of the train had become uncoupled, and had been left behind, but the missing trucks being left on a heavy gradient had followed, and on the driver reversing his engine to go in search of them they came dashing upon him with such force as to smash several carriages, and block both up and down lines. The down express from Paddington was then due, but the signalman hoisted his distant signalis, and telegraphed to the next box to do the Eame. This was promptly done, in time to prevent a catastrophe.
Compensation Casks.-In the Sheriffs' Court on Wednesday two actions, arising from the collision at Sheriff and a common, the London, Brighton, and South Coast Company, the action had been brought in the Exchequer, when judgment was allowed to go by default, and the damazes were laid at $500 \%$, but a settlement was effected for 906 . In the second case, Mr. Kendall, a tavern-keeper, Bermondsey Street, obtained a verdict against the comprny for 3ll. 2s. 6a. During the trial it was stated of the accident, some of which lave been arranged and others tried, and a number still remain undecided.

## 3 Zam.

Court of Queens Bexcer.-The Overend Gumcy Proneculions. - On saturday, at the opening of tho dixth day's proceedings the official liquidator, handed in a statement of the proftro of
the old firm during the ten years provious to the tronsfer
 Which gave an annual average of 200,000. It was submitted detendants, had any knowledgo of the alleged frauds sad
therefore, thero being no case argainst hime how was entitied to

 quastion of fraud muat go to the jury. Dr. Ken asy then addresed the Court for the prosecution, and had not coneluded
When the Court adjourned to Morday, when Dr. Kenealy con Then the Court adjournod to Norday, when Dr. Kenealy conciuced his address for the prosecution, The Solicitior-General Mr. Birkbeek, and had not concluded when the Court rose, On Tuesday the Solicitor-General concluded hia speech amidst considerable applause from a crowded court. The Lord Chief Justice, in repressing such demonstrations, said he was not aurprised that so fine a speech should produce emotion, but i now directors then addressed the shape. The counsel for the clients ignorsace of the real state of things, contending that they could not have had any motive in combining fraudulently to bolster up the firm if they knew it to be insolvent and thus risk their own wealth and reputation. On Wednes day the Lord Chicf Justice commenced his summing up at the
Opening of the court, and did not conclude until two oclock. opening of the court, and did not conclude until two oclock.
it was altogether in favour of the defendants. The jury were only a quarter of an hour in consultation, and returned into court with a verdict of Not Guilty, which was recoived with applause. The prosecutor's counsal having applied for the costs of the prosecution, his lordship said that though he belieping that this was a case for inquiry, nad beliering, also, that Dr. Thom was actuated, as ayainat the defendants, by entirely honest motives in instituting this prooeding, he as, in his opinion and judgment, the uniting of the other derendants in the altogether and thatifin shotting the costo.
Court or Exohequer.-The Saville House Fire : Malicious Proneculion, -It will be romembered that Mr. Morris was triad light and Coke Compangy, in respect to damages said to have right and Coke Company, in respect to damages said to have
resulted from a fire at Saville Fouse, cansed by the alleged defeets of the company's service of gas. On Friday Mr. Morris ous prosecution," and the defend ants, after the trial had pro ceeded for somo time, agreed to a verdict for the plaintiff with left the Court without the slightest imputation upon his Norfolik Clrcuit: Cambaldas $\rightarrow$ The Cambridguahire High with ansaulting and stealing froma Mrs. Horkina, the wifo of Henry Perking, Essq., tho sum of 12 ., 时 Thriplow, on Octoblack manc, and armed with op pistol, atoppod Mri. Perking








 delusion thork, and he hppeared to have laboured under the
mistery
midlivg hiss chilldren he would anve them from


 kicked him while on the ground The deceased ham tawnen and
part in the the
 savaly ya to rupturo the jugular vein which cansed death
At the suggestion of Mr. Justice Lasb, on the evidenco
proveation tho provocation, the counsel for the prosecution withdrew
tho chrree



 time, by which the hase of her skilull. Te was wearing at the died almost inmediately. The defence was that the crime was done in a drunken frenzy. The jury returned a verdict ordship, in sentencing the prisoner to Death, the case was most clearly one of murder, but he would send prisoner heard the sentence with the utmost unconcern. The with having at Skelmersdale, on the 28th Soptember, wilfully on the 27 th Sepremabiton. The deceasal was a labourer, and on the 27th September went to the priponer's premises with a engaged to lay the foundation-stone of a chapel, and nad been
expected heand his fanily would be from home the priso chl had given to the deceased the bey of the thense threshing machine was put in order, after which one of tho men, know as "Scotty", Went to sleep in the granary, and oa nelghbouring public-house, Inthis public-house they found lsying. After drinking sotue time, the prisoner, deceased, and of the prisoner's farm. On On the way the prisoner wanted to fight Leatherbarrow, and on reaching his farm the prisoner
inner. room, and Loatherbarrow left. About 3 'clock next morning the prisoner went inte an outbuilding where noxt been in his cellar and drank his boer. The saen some ment had prisoner to the house, where, between the kitehen and the
pantry, they found the deceased lying. The wall
around were besmeared with blood, as were also the prisoner's clothes, The deceased, who was very weak, on socing the Irishmen, requested them to take him to a
place where he could lie on some straw. The Irishmen were about to lift the deceased, when the prisoner kicked him soveral times about the body. The deceased was removed to distance, and at oight oclock in the morning, at as short tho dead. The poliad discovergd two broken pokers in ant on cxaming the place stained with blood. An examination of the decnased's showed that he had received several violent injuries. The were also the seventh rib ond of the arms was broken, as under his lordship's direction, found the prisoner arilty of Braslaughter, and he was sentenced to penal servitude for 10 yoars.

## Dotuarn.

The Earl of Crawford and baicarras died at the family seat, Dunecht, Aberdeenshire, on the lith inst, in his 86 th
year. His lordship, the Right Hon. James Lindsay, Earl o. Crawford and Balcurres, Lord Lindany of Balcarres, Lord Bal voil, in the peerage of Scotland; Baron Wigan of Haigh Hall in the county of Lancaster, in the peerage of the United King Af Balcarres, who, on the death of the 22d Earl of Crawford in 1805, succeeded defure as 23 E Earl of Crawford. He married in 1911, the only daughter of the first Lord Muncaster, and by her had issue four sons, Lord Lindsay, the Hon, Major James Colin Lindsay. On the death of his father, in 1825 , ho from the House of Lordia a confirmation of the earldom of Crawford, which had hin dormant since 1808 , and, consequently, established his clatmas premier earl on the Union roll
of Scotland. He is suoceeded to the titles amd eatates both in Scotland and Lancashires by his eldeat bon, Alexander William in 1812 , ind married, isis, $18 \pm 6$, the eldest danghter of the late General James Lindeay, of Balcarres. He was educated at Triaity College, Cambridge, where ho graduated M.A. in 1833, and he has distinguished himself in litarature as tho author of "Letters on Egypt and the Holy Land," a "Letter Art," "Lives of the Lfudsays," bc.
The Earl or Astrix died on Sunday last at Glenarm Castle county Antrim The decensed, Mark M•Donneli, Far was thin and Viscount Domluee in twe pecrage of Ireland riage with Vice-Admiral Lord Mark Kerr, third son of the fifth Marquis of Lothim. 10 was vorn in 1816 Ho onteroc a captain on the retired list in 1864. In 1855 he assumed, by and issue. He Major Macair, of Caria, county Armagh, by whom he leaves Irelal chuldren. He sueceeded to the titio asad estates ins Ireland on the doath of his elder brother, who inherited tho
carldom on the death of his mother in 1895 , and died in 1855 ,

THE GARDENERS' CHRONICLE AND AGRICULTURAL GAZETTE.

His lordmbip is succeeded by his oldest son, Wiliam Randal,
Viecount|Junluce, born in 1855 . THE DVCMEss DE Colory died on Sunday at Paris. She was the only daughter of sir Hew Dalrymple-ABmilton,
his marriage with the eldeat daughter of the first Viscount Dun-
can
 of Stair, and the other marriod to Earl Manvers\%

 mbe eldest son of tho Hon. General Sir Alexander Duff, who
the
succeaded bis unclo RS Earl of Fite in 1857 . Her ladyship
 Clementina, marrled to the Marquis Townshend; Lady Ida LadV Haitharr Cowper died on Saturday morning, at her suffering for about a movth with an internal abecese. She was the only daughter of the Earl of Blessington, by his first wife nonrlod fin 1827 , when quite a gill, tha late Count Dor rsey. the Hon. Charles Spencer Cowper, youngest son of the late Cowper.
Gzinere Sir Dayio Capor, K.c. Colonel of the 108th Regiment (Bombay Light Infantry), died a fow days since at
his residence, Craven Hill, Hyde Parlc, at the age of 7 B 。He has born in Bombay, and educated in England, after which he entered the military service of the East india Company in
1809 . He served with the 1st Bombay Native Infantry in the expedition against Palampore in 1818 , in tho Konkan in 1817 , He cumamanded the troops at Adon in 1839, when the place
was on two occasions sttacked by large bodies of Arabs, He also commanded the lat Brigade of the Bombay column army of the Punjaub at the siege of Mooltan, in 1848-49, and in the attack on the town; also at the battle of Goojerat, and prirsuit
of the sikh army, for which ho recived the medal with two olaspe. He was nominated a Knight of the Bath in 1862, and He attained the rank of general in 186s. He was the son o Leut. Colonel Johu Capon, of the East India Company's Bonbas Army. Ho married, in 1833, the fourth daughter of Cartain Manning, ber Majesty's Lieutenant and Governor al Portland, died at Porthanly so zears of ane 13th inst., after mogistrates for the county, and had resided at the Castle since
183. Dr. Johs Girant STewart, C.B, Inspector-General of
Naval Hoppitale and Fleta, died a few days ago. He
entered the navy as aseitant-surceon, and obtained the entered tre navy as assibtant-surgeon, and obtaned the in inspector in 1845 for having volunteered his services to go on In 1861, ho was made an Inspector-general of Hospitals and In 1861. he was made an inspector-general of Hospitara and mad in June this year was made a Companion of the Bath for his civil services.
 froco bronchitts for about a month, but no immediate danger was apprehenied up to the middle of last week, when the rapidly worse. He was born in 1800 , and married in 3815 the Dowager Viscountesa Milton, eldest sister of the Earl of $1,1 \mathrm{yyer}$ pool. He in nueceeded by his eldest son, Francis Jobn Javile East Retiord.
 years $8 g_{0}$ in connection with the Fletcher will forgeries, died Barber was remarkable as the first examplo of cane of Mr. man obtaining compensation from the mation for a wrongful conviction by a crimisal court; 5000 , having boen voted to him by Parlinment in 1859 .
Wilis. - The will of Mr. Peabody has been sworn under
400,0001 personalty in England: Lord Cranstoun 400, 0002. personalty in England; Lord Cranstoun under 4000L, in-the-Margh, Gloucestersbire, , 0 , 000 L .; Mr, John Wall of 3 , Old Buildinge Lincoin's Inn, and Norther, Q.C. 100,0001 ; Mr. James Box Wetanhall, stockbroker, $10,000 \mathrm{~L}$ Mr. George Berkeley Harrison, merchant, Great Tower Stroet, 40,0 NoL ; Mr. Edward Doudney, of 49, Lombard Street, taiflor and woollen draper, $40,000 \mathrm{l}$.

## faxdets.

## COVENT GARDEN.-Dec. 24

The market is very heavily supplied, and better prices of the usual clazacter are also abundant, and much lower in price than they have been for several yearg past. Flowers ehielly consist of Mignonette, Fuchsias, Chrysanthemums, Primulas, Poinsettias, Heaths, and '
FRUIT.

| Apples, P , $\frac{1}{2}$ sieve, $3 y$ to $5 s$ | Lemons, per 100, 5s to 10 s |
| :--- | :--- |
| Cobs, per |  | Chestruts, p. bush, 8 s to $14 \mathrm{~s} \quad \begin{aligned} & \text { helons, each, } 186 \mathrm{~d} \text { to } 38 \\ & \text { Oranges, per 100, } 68 \\ & \text { to } 129\end{aligned}$



Artichokes, $p$, doss,
Beet, per
doz,
$2 s$
$s$

Leekes, per bunch, 2 d to 4 d Broccoll, p , doz, 1 is to 2 s 6 d Mint, per bunch, 4 d to bd eve, Mushrooms. p. pott, 15 to 186 d Cabbares, per dos, 1 a to 1 la od Capricump p. $100,2 \mathrm{~s}$ to 2 s Bd Carrote, per bunchi, to to sd | Caukifowere, p.dos, 1 sed to 3 s |
| :--- |
| Celery, p . bund. 1 s to 1 sed | Celerg, po bund., 1 s to 1 led Bd

Cucumbere, Cucumuers, each, 18 bd to 3 s French Beans, p. 100, 28 8d to ${ }^{2} 8$ Trench Bears, 1 . $100,288 d$ to 98
Garlic and thaijots, per lib.,
Herbs, per buanch, dat 4 d
Horse Radisk, p.bund. 4 ta to 5 s Paraley, per bunch, 2 d to Ad Potatos, Yorlc Regenta, p. ton.

805 to 105
Salkafy, per bundle, 1 s to 18 las 3d Salkafy, per bundle, 18 to 1 lad Scorzonera, do., 1 s to 1 si 8 d
Seakale, $p$. punnet, 2 s to 2 s od seakaie, p. punnet, 28 to 286 d
Bpinach, p . buablet, 28 to 3 d pinach, p, buathel, 28 to 3 s
Radighes, p. doz., 1 s to 1 Bd 8
Tomatos,

POTATOS.-SOUTBWARK, Monday, Bec. 20 .
During the past week the arrivals coastwine have been moderate. but heavy by rail. The trade contintes in a very scason. The quotations are :-Yorkehire Regenta, per tom,
 Whita, 655, to 65 m

| is usual at this time of the year, and prices are wel tained. The stock of English is exceedingly limited, the of the Hops now on the market being Ancerioans, ${ }^{\text {and }}$ heso there will doubtless be a good trade after Christmas. <br> COALS.-Dec. 23. <br> owpen Eartler, 17a. ; Holywell Main, J7s. 9d: Wes les, 178.; Walls End Elliot, 198. 9d, Walls End Hetton, 21s.; Walls End Hawthorn, 18s. 8d. ; Walls End tall, 198. 3d.; Walls End Hartlopool, 20s. ; Walls End inal Martlepool, 218.; Walls End South Hartlepool 6d. ; Walls End Tees, 19s. 3d. ; Brancepth Cannel, 18s,s at market, 85 ; sold, 61 . <br> ENGLISH FOOL <br> moderate trade has been transacted, without materia ation in value. <br> furrent Priceb of Englisa Wool. <br> Eces-Southdown hoggets <br> per lb.-s. d. <br> to8, <br> 1 <br> Half-bred ditto .. <br> $\because$ 1 2 <br> $\because$ 1 -1 <br> Bouthdown ewea and wethers <br> Leicester ditto <br> $\therefore 1001=1$ <br> .. 1 <br> - 1 |
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METROROLITAN MEAT MAREET.-Dec. 24.

## Best Freeh Buttor

small Porly, 5s, 4d, to 58, 8d. ; Large Porik, 4g. 4d.
5o. ${ }^{5 \mathrm{~d}}$. per is lb ,
HAY, - Per Losd of 36 Trusses.
Supply mo
8matayigln, Thurgday, Dec. 23.
derate. Trade remaing very heavy at about lato
Prime Meadow Hay issto 84 Inferior do.

| .60 | 70 |
| :--- | :--- |
| 60 | 60 |

Clover, old
Inferior do. Rowen $\qquad$ Prime 2d cut Straw

Cumbrri
dow Hay
24 $\quad 7$ Inferior do.
up. Meadow Hay
84s to 928
Cbarles Jaze.̈s Easton.
Inferior Clover. 23.
Inferior do.
New do.
Superine Clover
Whit
Fine Meadow Hayedrapel, Thursday, Dec. 23. Fine Meadow Hay 75 to 82 B Prime old Clover 120 ato 130 Infertor do...
Prime New Hay $: ~$
Inferior Straw
Inferior

## METROPOLITAN CA'TTLE MAREET. <br> > MoxDAY, Dec.

Wo bave a good eupply of Beasts for the day; trade opened briek, but decined towarda the close; on the average prices
are about the same ns last week. Trade is active for Sheep, altbough the supply is fair ; prices have advanced slightly, conce Calves are consideraby dearer. Our foreign supply Sonfliand there are 1111 Beasta ; from Ireland, 547 ; from Norfolk and Suftolk, 300 ; and 740 from the Midland and Home Counties,

 $\begin{array}{lllll}\text { 2d quality Beasts } & 3 & 4-4 & 0 & \text { Do. Shor } \\ \text { Beat Downs and }\end{array}$

| Half-breds |  |  |  |  |
| :---: | :---: | :---: | :---: | :--- |
| Do | 5 | 8 - 6 | 0 | Calves |
| Cin |  |  |  |  |

Deasta, 2128 ; Bheep und Lämbe, 10,340 ; C̈alves, $128{ }^{4} ; 0$ Pigs, 175 Thunspay, Dec. 23
This is very nearly a holiday roarket. The supply of all kinds of stock is very moderate, and thero are very fow pur chasers at market. The emal amount of business transacted
is at abut Monday's quotations. Our forsign uupply conrista of 423 Beasts, T 40 theep, and 02 Calves.

## $B$

fordeuts, He
B. 2.

Best Shurthorns ${ }^{5}$ 2d quality Beasts 3
Beat Downs and Beat Downs and
Half-breds $2=5$
4
4
4

Shorn -... ${ }^{-6} 0$ O Calve
Beasts, 615 ; Sheop and Lambs, 3550 ; Calves, $\ddot{9}$; $\because$ Pigs, MARK LANE, -Monday, Dec. 20.
There was a moderate supply of English Wheat to this morning's market, which was quickly sold at the extreme prices of this day se'nnight. The attendance was good, trade was done in foreign wheat, American and Russian
bringing an advance of 18. per qr. upon the lowest quotations lately current. Barley and Beans were unchanged in value Pcas were cheaper. The Oat trade was steady, at the rates on this day
Flour.

> RIMT,
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## 5. 8 8.

 ARYET, grind. \& dist. 29ato31......... ATs, Esser and Suffols


- sts, soot and Lincolna
- Iribh .................Potation RYE-MEM, Foreigh
Ang, Mazagan....35s to 378. ..Tick 38-49 Harrow - Pigeon .... 50 s to 50 B .. Winds. - Longpod Pens, White, Essex, and Kent...Botlers $37-42$ Suifolk - Maple 41s to $455 . \ldots . . . .$. Grey $40-42$ Foreign

Lour best marksdelivered......................... 39 Foreign

- 2 d ditto..................ditto $28-40$ Country. Foreign .................er barrel 22-
The attendance at market to-day is limited. English Wheat rather flrmer than on Monday; foreign in moderate demand,
but priceas fully maintained. Trade for Engligh Flour rather but pricean fully maaintained. Trade for English Flour rather rather dearer, grinding deseriptions unaltered. Oats : arrivals moderate, and prices tending upwards Beons firm peas rather easier than last weok. Linseed a little cheaper argoes trado for Wheat was steady; for Rerley and Bye here was líttle inquiry


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## The close of the year beion MARIERT

## now quite inactive, and there io now athent

 low. Rapeseed is soarco snd dear. W ANTED, as WORKING FOREMAX

 W ANTED, a good WORKING GALRUEA W ANTED, a Man and his Wife, -The Y
 W ANTED, a steady YOUNG MAM, 2 nit
 W ANTED, for the Country, a YOUNG XCix
 W ANTED, for a Retail Country Bud
 W ANTED, an ASSISTANT 8HOPMAS, ino

 he chief requiste, Recommeth hall no ko


WANT PLACES.-Letters to be Port? HIXPERIENCED GARDENERS (or as givol


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 Gardeners and Under Gardener: WM. CUTBUSH AND SON
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## To Gardeners and Bailiffs (Head, Farum,

$J$ AMES CARTER AND CO. having surt



C ARDENER (HPAD), where two it

G ERDENER (SECOND), or FORBYAM

Wapelactical. Good roferen
TOREMAN (or SECOND) in a
$\mathrm{F}^{\text {ARM }}$ RAILIFK, on a Noblemarts

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Book
A GENT or LAND STEWARD-1

Seedsmeater to the Rogility Agric


[^0]:    SETW and chotce Flotwer seens WILLTAMS SUYERR SFRAIS of PRIMULA－－B．S．WT Ean
    mich conafienco cter this muperb strain of Proutlo st Red，whites，or Mix od
    
    
    
    
    
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    PALAVA FLEXUÖSA，＂roty pretty onnuai（nowi）
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     MELICHBYSUM APICULATOM（RNF）
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     HROMIA．AREYAPI ornago on a jolion ground therb）
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    Vletarian nod Pam

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[^6]:    ## Notices to Corrempondents

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    STLART AX

[^16]:    Muctiage gum and troo sulphurie acid
    Ahbumlaok compounds (aeth-forming matters) Mingral mitera

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[^18]:    retman ortion, and for Regen Fretona Nursery ovary seven minuten for the City wnd London Bridee, the ITOMis and and for Regent Btreet, the West End, and Mrompton,

    PARADISE NURSERIES, DPPER HOLLOWAY, LONDON, N

[^19]:    
    

[^20]:    These Rollers possess many advantages over au othen; they tre made in two parth med ara fre forerume

[^21]:
    

[^22]:    - Pead crop of Mr A. A. Devatreato Eary

[^23]:     Tumady hext, 1 hr tife usurante Luty

[^24]:    
    CATALOGUE of FERNE，clussitied，comprising nearly every known species and vhriety． 70 Pages，
    CATALOGUE of FRUITS，descriptive and clnsstifed，contruning tho most approfed among the old rarietict， together with all Novelties of werlug mert． 70 Pages．
    
    CATALOGUE of MPORTRD DUTCH and other BULBS，wath a very fult and Descriptive Iist of Rosen of kind added． 58 Pagtor．
    CATALOGUE of CULINARY ard FLORICULTURAL SEEDS，priced and elentiod．on Puge

[^25]:    

[^26]:    TITB enth ann remary feat wat of the GaE－ relebrated on Wedneaday eren ng last，at the London Tavern，under tha preatdency of bin（imes the Duke of AmoyLL，KT，who was supported by Javes
    
    
    
    
     filwers ind frult Uf the armer，in Fry tity L．．．． and in fllua．ly haddome Anthurium woherzarianum large mounds of carth have been zorown up，what
     to leari that the nam SouThwisR ParE wan opened
    
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     It has beon converted from 官 marlet gin！an t） plonsum Rround，and Fitl prove git tont mable
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[^27]:    Weodg Eradicated from Lewns．
    WATSON is LAh M SAMH，Kiruikwd apon Inwns，
    
    
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[^28]:    panment lenves, not uillike thost

[^29]:     Teparin! shice tho isst cingus the average of Wheat 12 ratl, swar havers mantameri S,000 of orar parnulat s., what, for nach year
    
    
    
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     -ngerd to In lan 1 , the lotato fimman ant - aretimatances hiso driven out them fin of har pauglo. Lixglatal, axammed 4.oud givan a uh has ta matinfactorynceount
    
    
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     Frile, proverate the fartaer frota " bury ther
     14 ounmat irum os the murces of fertality than buer inis mis excumanvo through tho \#mereur of our thrn population. "The en eoner piati, a largic justioni both of um-
    
    
    
     aty of tha lund "This in etnong languege
    

[^30]:    Non

[^31]:    NEW HYBRID PELARGONIUMS,
    WILLSII, and WILLSII ROSEA.
    
    
    2. W. TIMSETT bna much pieasurs 2n announceng that the above eplend Nureltues will be ready for

    Thllsii, a Guinea and a half each.

    ## Willaii rosea, Two Guineas each.

    To Mr J. Witse
    "Cuajard Harl, Bury 8t, Xidmund's, Juate $\theta$, 186J
    
    
    
    

    July ${ }^{4} \mathbf{H}_{1}$
    ASEBURNHAM PARK NURGFRY, KINGS ROAD, CHELSEA, B.W.
    

[^32]:    il

[^33]:    Their 2ankigee aro- Portamility, not platures, romorble at
    
    

[^34]:    Fistract from the "Journal of Horticulture and Cotiage Gardenele" Aufust 19, 1868 :-

[^35]:    Sortir Auror, New Jebser, Untimd Statzs :
    Sept. 5.-The fruit crop, with the exception of septi fruts, seems to be a peneral falure in Europe. It is, however, fully balanced by the abundance here. The small fruit crop has been extra rood. On one day there wero 100,000 quarts of Stramberries sent to New York. Now the Peach cron is in; it commenced, in quandity about six weeks aro, and will probably aat
    que or six weeks longer. The Peach is cverybody'g ruit herc. I saw it hawked about the everybody by waggonloads at cente, or $\underline{2}^{\prime}$ a qunt, an $\}$ the fruit Was quite equal to the beat mutale Peaches in England; very line fruts sold for almut 3s, in, the halt bushel basket. One railway brought into New york 110 cars of Peaches one merninz cach car brings 500 baskets-and some of the Delaware growers have their
    own steamboats for conreying so that you may imgine

[^36]:    2s. per AT Mark Lane yeatarday, the docline of 1s. to 2f. per quarter, which has been ganeral since Monday,
    Was more than nequiesced in, and bomething lower was obiliged to bo tuken to etficet sales. The mpat trade is very dull, snd op quotations for beef have again per stone. Common beavts are O , wd, to 3 s . H. . per
    

    - The Contagious Discases (Animals) Act is now attracting much attention and discussion in most of the cities and boroughs in the hingdom. At the
    Michaelmas Quarter Sessions the Act will be a prominent subject for consideration, it is therefore advisable that any information atd der isions that may
    trapspire should be di-semmated. At Norwich last week a commattee for rarryink out the Art was proposed and agreed to unammontly hy the Town Conuchl. In proposing the commattec Mr Tay lor and One thing he is hild mentin, and teat was that the apposnt on the Counctl ; the only thind that would havo to lee pruviled Was a proper place to which to nend iof intert aninials, and
    

[^37]:    form. Ens.

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     here is aramely cames is to is reputation.

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[^40]:    J. ${ }^{2}$.

[^41]:    Thermay，Doc．s－Jturams

[^42]:    ith. They require no setting in brickwork.
    2d, They dre complete in themsplves, having perfect means of regulation.
    3d, They take up little romm, and can be put in places inaccessible to other Boilert.
    4n, They are economisera of furl, owing to the great amount of heating surface upon Wieh the freacts in a direct manner, and the consumption of smoke.
    Sth, The fire can be mate to last from 12 to 24 hours withort attextion 6th, Any number of Flows and Rotutas can be annexed to the Borlers by 7th, By means of mud doors, they can be readily cleaned out when fat 8th, The Chimney is mate of cast-iron, which can enther be tasea turned into a flue, to meet the convenience of the situation that it CS PRICE LISTS ON APPLICATTON.

[^43]:    Articles of the Eutimntes of the M mitr

[^44]:    

[^45]:     "Horbe. Pont Rree for 13 Stanpes.
    
    itrady he the an interest in the construction of Hothousea, or in the management of their contents, should fuil in adding this to their collectinn, haverer completo that The Parmer, Nov. 13, 1867 .

[^46]:    

[^47]:    -2tatemom $\pm=2-z=$

[^48]:    DENNIS AND SCRUBY beg to direct the attention of Noblemen, Gentlemen, Nurserymen, and Gardeners to the many many and varied improvementa they hase cude:

[^49]:    Printed Patterns of various Designs suitable for the above will be for

[^50]:    
     The Pacontoo pishest to obearel her Patant Hounat obrained the Kenithgton, 1 kibs : Shom, Firnt-ciass Cortificato at the Grand Manchester Ho.licultural
    
    
     Aro alac oztenifivily adapted for all Agrteultural Bullitiogn, Publle Full partenlan nad Price of the Phtest Honsem, glazed with 2foz. Sheet Glass from 1s id, yer foot supor and upwarda. Assalso
    Inustrated Catalogues for 12 joatago ntampa, may be obtained os Iflustrated Catalognees for 12 postage atampa, may bo obtained on
    application to
     patevI GiLAZING BARS, to merew on wood, mey be bud

[^51]:    DEEP WELL PUMPS for Horse, Hand, Steam, or other Power.

[^52]:    chane.

[^53]:    CILURIA: A Hitas, and Woodeurs org Jh,

[^54]:    A. itip.

    GARDEN ENGINE $\therefore$ : $\because$ ns: it lagit, - Ant rivily worked

[^55]:    Weat Hartieg, 140 8d, Holywoll it
     Find Eetton Lyons, 14, 3L; Brunvopeth Opnnol, 18s,

[^56]:    Wituay Blacewood \& Bows, Edinburgh and London

[^57]:    It is with great gmatification that we announce our permission to refer upan any oceasion to the varions Heating Apparatures at the above, where our "OEE BOLLEK SYSTEM" has for years been subjected to the most critical testa with every satisfactory result. It is matehless for effeichry, and is working the trget Apparatus on record. These are no theoretical statementa, but positirn facte, and it is not too much to add, that no boiler can boat a parallel

[^58]:    
    
    
    
    Wurr hals also publish a letter which the Dukc do
    Wroy haw addresed to A. Emile Ollivier, in which

[^59]:    prices of

    ## FAND ROLLERS

    $$
    \text { Diam. Length. } \quad \pm \begin{aligned}
    & - \\
    & d .
    \end{aligned}
    $$

    
     FITTED WITR

    $$
    30 \text { inches } 32 \text { inches .. } 7100
    $$

    $$
    24 \text { inches } 26 \text { inches .. } 4100
    $$

    $$
    3_{0} \text { inches } 22 \text { inches .. } 3100
    $$

    $$
    16 \text { inches } 17 \text { inches .. } 21.50
    $$

    |  | Sham | Lemes |
    | :---: | :---: | :---: |
    |  | inthes |  |
    | 30 | inclued |  |
    | 00 | in. hen |  |
    | 30 | inches |  |
    |  | inctes | 23nt |

    Theme Rollere pranna many nivantigra norr all others; they are made in two parts, anit ate fro: -
     the unsightly marks left by other loollers. 'They are manufat tured of the bext muteriala, and arog
    surpassing siny ever set brought out. The Rollers 24 by 26 inches, 20 by 22 inches, and 16 bs surpassing any ever yet brought out. The Kollers 24 by 26 inches, 20 by 22 inches, and 16 of $1^{-}$, an
    made in one part, at a reduced price; and, for Rollere of that size, will be found to answer many made in one part, at a reduced price; and, fer Rollers of that si
    the handle can be reversed to either side of the Roller at pleasure.
     Deliverell Carrage Frec to all the prinatpal Raviway Stations and Shapping Ports th Englast.
    THOMAS GREEN AND SONS, SMITHFIELD IRON WORKS, LEIE 54 and 55 , BLACKFRIARS ROAD, LONDON, $\mathbb{S}$.

[^60]:    To Gardeners and Ballifs (Head, Foremen, or Under) J AMES CAR RIER AND CO. having many appleatior: will tond NAME, ADDRESS nnd COPIES OP TESTMONIALS ADY ledy or Gomtleman requripg GARDENERS or BALLIFFE
     (YARDENER (HEAD)-Middle-aged, married, no in-
     CYADENER (HEAD). - Middle-aged, single i practical
    
     Aldrdidgo. leckliee, Oxom
    

[^61]:    A GENTLEMAN is anxious to reen

